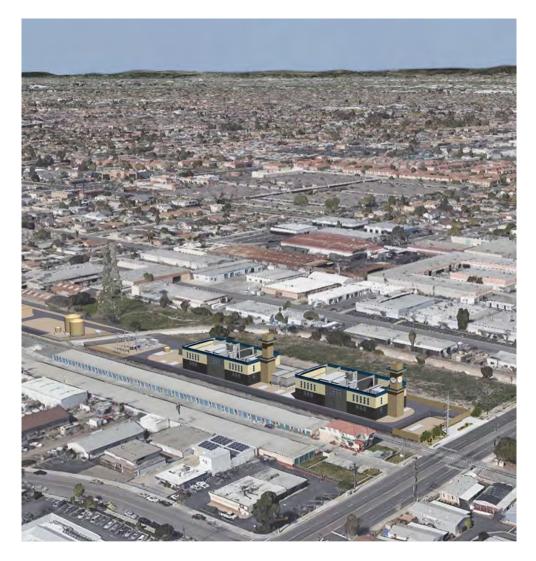
| DOCKETED         |  |
|------------------|--|
| Docket Number:   | 16-AFC-01C                                     |
| Project Title:   | Stanton Energy Reliability Center - Compliance |
| TN #:            | 231297   |
| Document Title:  | Stanton Energy Reliability Center MCR No 10    |
| Description:     | Monthly Compliance Report                      |
| Filer:           | John Heiser                                    |
| Organization:    | Wellhead                                       |
| Submitter Role:  | Public Agency                                  |
| Submission Date: | 12/20/2019 6:29:47 AM                          |
| Docketed Date:   | 12/20/2019                                     |

# **Stanton Energy Reliability Center**

CEC Docket No. 16-AFC-01 Monthly Compliance Report No. 10 Reporting Period: November 2019



Prepared by Stanton Energy Reliability Center, LLC (SERC) Submitted December 15, 2019 Table of Contents

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## Key Events List

| PROJECT:                                | Stanton Energy Reliability Center |                     |
|---|-----------------------------------|---------------------|
| DOCKET #:                               | 16-AFC-01                         |                     |
| COMPLIANCE PROJECT MANAGER:             | John Heiser                       |                     |
| EVENT D                                 | ESCRIPTION                        | DATE                |
| CEC Decision Date                       |                                   | November 7, 2018    |
| Obtain Site Control                     |                                   | February 12, 2019   |
| Online Date                             |                                   | July 1, 2020        |
| POWR PLANT                              | SITE ACTIVITIES                   |                     |
| Start Site Assessment/Pre-Constructio   | n                                 | January 31, 2019    |
| Start Site Mobilization/Construction    |                                   | February 12, 2019   |
| Begin Pouring Major Foundation Conc     | rete                              | March 29, 2019      |
| Begin Installing Major Equipment        |                                   | September 4, 2019   |
| Completion of Installation of Major Eq  | uipment                           | December 24, 2019   |
| First Combustion of Gas Turbine         |                                   | February, 2020      |
| Obtain Building Occupation Permit       |                                   | TBD                 |
| Start Commercial Operation              |                                   | BESS July 1, 2020;  |
|   |                                   | LM6000 July 1, 2020 |
| Complete All Construction               |                                   | April 28, 2020      |
|   | N LINE ACTIVITIES                 |                     |
| Start Transmission Line Construction    |                                   | August 2019         |
| Complete Transmission Line Construct    | ion                               | January 2020        |
| Synchronization with Grid and Interco   | nnection                          | March 2, 2020       |
| FUEL SUPPLY                             | LINE ACTIVITIES                   |                     |
| Start Gas Pipeline Construction and Int | terconnection                     | August 2019         |
| Complete Gas Pipeline Construction      |                                   | January 2020        |
|   | Y LINE ACTIVITIES                 |                     |
| Start Water Supply Line Construction    |                                   | TBD                 |
| Complete Water Supply Line Construct    | tion                              | TBD                 |
|   |                                   |                     |
|   |                                   |                     |

## 1. Summary

On November 7, 2018, the California Energy Commission (CEC) issued its Commission Decision (Docket No. 16-AFC-01) approving construction and operation of the Stanton Energy Reliability Center (SERC) Project. The CEC Compliance Project Manager (CPM) issued a Limited Notice to Proceed (LNTP) on January 31, 2019, allowing the start of construction activities at the power plant site. The Full Notice to Proceed (FNTP) was issued by the CEC on February 12, 2019.

Upon the CEC docket of the Final Decision, SERC made Payment of the Annual Energy Facility Compliance Fee. The next payment and all subsequent payments are due by July 1, of each year.

This document is a Monthly Compliance Report (MCR) as required by Condition of Certification (COC) COM-6. The information in this report documents the engineering, procurement, construction, and compliance activities that were performed during the reporting period: November 2019.

Stanton Energy Reliability Center, LLC (SERC) has selected ARB, Inc. as its general contractor. Power Engineers, under a separate contract is providing the project detailed design engineering. Procurement and construction management services are being provided by Wellhead Construction, Inc. Southern California Edison (SCE) will construct the transmission interconnection facilities. Southern California Gas will design, build and operate the natural gas pipeline associated with the project. Jacobs Engineering has been retained by SERC to assist with construction monitoring and environmental and CEC compliance. NV5 has been selected by the CEC as the Designated Chief Building Official (DCBO).

November has been another productive month for setting equipment and erection on Parcel 1. Erection work has focused on installing Unit 1 Combustion Turbine (CT), Emission Reduction Unit (ERU) module erection and setting miscellaneous equipment around Unit 1. Switchyard erection by Newton's crew is complete and on schedule.

During October 2019, the general contractor awarded the Startup and Commissioning activity to Universal Energy (UEI). On November 21, 2019 a commissioning kick-off meeting was held.

SERC is working with the City of Stanton and Power Engineering on a design for the sewer interconnection. On November 4, 2019 the encroachment permit for sewer interconnection was issued by the City of Stanton.

As of 12/2/2019, 11,350 feet of the natural gas line pipe has been installed. In-service date is anticipated mid-February 2020. Gas in-service date expected by mid-February 2020.

Barre substation construction activities are in progress and scheduled to complete in January 2020. Gen-tie construction on SCE property and pulling of conductors is in progress and scheduled to complete in January 2020. In-service testing is scheduled for early February 2020. SCE anticipates beginning work in SERC's Skip Substation by January 6, 2020. Estimated back feed into Skip Substation is forecast to begin February 7, 2020.

Battery Energy Storage System (BESS) construction has not yet commenced. A preliminary project summary schedule is included in Attachment 1.

**Note**: Due to the dynamic nature of a large-scale construction project, key event dates are subject to change.

The following table represents the percent complete numbers for the engineering, procurement, and construction activities as of the end of November 2019.

| Activity     | Percent Complete |
|--------------|------------------|
| Engineering  |                  |
| Power Island | 99%              |
| CBO Support  | 82%              |
| BESS Design  | 70%              |

| Procurement                   |      |
|-------------------------------|------|
| Owner Supplied Equipment      | 100% |
| Contractor Supplied Equipment | 93%  |
| Construction                  |      |
| Power Island                  | 65%  |
| BESS                          | 1%   |

#### 1.1 Engineering

Through the month of November 2019, Power Engineers evaluated the following: ARB change order for surfacing and grading; request for welding to EGT structural steel; stack sheeting plan. Jarod Miller submitted updated hydrology calculations in November. Power Engineers completed and issued the following: 15-kV switchgear relay settings; 480V MCC main breaker LSI settings and 480V electronic overload settings; relay settings report. Power Engineers updated and issued ER001-001 per SCE easement package and SERC comments for DCBO review package. For the supervisory control system, Power Engineers continued with the development of logic for the interface to the gas turbine (load control) and to the hybrid control system and received an example of the Prosoft card speed logic.

For the BESS system, in November, Power Engineers received direction from SERC to tie-in to plant supervisory control system at the water treatment network switch. Power Engineers submitted to platform supplier additional design information regarding parapet, gutters, lighting and lightning air terminal strategy, for incorporation into platform calculations. Jarod Miller provided an updated hydrology report on the west parcel and Power Engineers commenced modifications to all civil drawings impacted by the updates.

November site visits included a visit to prepare the DCBO required site report, a visit by the electrical engineer to resolve questions with the contractor, and a visit to discuss detailed electrical issues with GE documentation. A BESS coordination meeting was held with SERC at Power Engineers offices.

In addition, Power Engineers provided the following support in November:

- Continued coordination with SERC staff to finalize terminations for: communications circuits; GE wiring schemes and interpretation of GE drawings for contractor; fire system.
- Submitted final wiring terminations Parts 5 and 6.
- Continued working on wiring terminations and final cable types for special systems Part 7.
- Received "gas tops" system location information for use in preparing a descope electrical list for west parcel.
- Coordinated with GE to add another panelboard for area lighting and convenience receptacles.
- Coordinated BESS foundation calculated settlement and bearing pressures with geotechnical engineer.
- Reviewed application for alternative materials requested by SREC.

- Coordinated with building supplier on structural design of overhead platform, exchanging load and foundation information specifics.
- Received new or updated drawings from GE to include: one-line drawing; control system architecture diagram; cable summary; UPS calculations for structural analysis; HPSU calculations package; lightning protection.
- Continued to receive contractor request for information and respond.
- Continued to receive equipment vendor shop drawings for review, comment and coordination with design.
- Continued to respond to DCBO comments.
- Continued to participate in weekly design coordination calls.

#### 1.2 Procurement

The procurement of Owner Supplied Equipment (OSE) is currently 100% complete.

The procurement of Contractor Supplied Equipment (CSE) continues and is currently 93% complete. Major procurement activities completed by construction contractor in November did not change during this reporting period however the following items were received:

• Received Unit 1 and Unit 2 Power Block Enclosures

#### 1.3 Construction

During the month of November continued to erect equipment, work on minor foundations, receive Owner Supplied Equipment and setting the following major equipment:

- Continued to erect Parcel 1 equipment with the 999 Crane and demobilized crane
- Continued work on minor foundations at ERU1, ERU2, and CT1Completed erection of ERU#1 Modules and Stack
- •

## Safety:

The month of November was completed with no First Aid, no near misses, no lost time injuries or recordable injuries. Weekly all hands meetings continue to address issues and raise morale through training and information.

During this reporting period the project worked 16,542 man-hours without a lost time or recordable incident. To date, the project has worked 116,594 man-hours without a lost time, or recordable Incident, and only seven first aids.

Weekly coordination calls were held amongst project participants during the reporting period.

Civil:

- Excavation and backfill for miscellaneous foundations at Unit 2 and 1Parcel 1
- Continued installation of Storm Drain along South and North roads on Parcel 1
- Working on Site Paving

Piping:

• Continued installation of Aboveground (AG) pipe at Unit 1 and Unit 2 areas

• Completed pipe installation in the Water Treatment area Structural:

- Completed Unit 2 ERU Aux Foundations
- Erected miscellaneous platforms and grating
- Started erection of Power Block Enclosure for Unit 2

Electrical:

- Continued receipt of Cable on site
- Installed AG conduit on equipment as it is being set
- Grounding of AG Equipment and structures
- Completed Switchyard Structure Erection
- Continued to pull cable at Unit 2

1.4 Explanation of Significant Changes to the Schedule

Mechanical Completion has been forecasted from February 28, 2020 to March 1, 2020 as shown in the November MCR.

## 2. Documents Required by Specific Conditions for MCR

The Documents required by specific conditions have been identified in Section 4 "Conditions Satisfied During Reporting Period" of this report and are also included in the in Attachments.

During this reporting period there were no Discrepancies to report as required in GEN-7. As such, Attachment 12 contains no information.

During this reporting period there were no changes to the encroachment permit as required in SOIL&WATER-8. As such, Attachment 15 contains no information.

During this reporting period there were no Discrepancies or Non-Compliance items to report as required in CIVIL-3 as indicated in Attachment 19.

#### 3. Compliance Matrix

The compliance matrix was updated during the reporting period to reflect the dates that compliance submittals were provided to the CEC and DCBO and the dates of any approvals by the DCBO, CEC or other agencies having review or approval rights. The Compliance Matrix is included in Attachment 2.

## 4. Conditions Satisfied During Reporting Period

The Commission Decision sets forth specific conditions, many of which include reporting requirements that must be addressed in an MCR. This section of the MCR describes activities that ensure compliance is achieved with all conditions of verification in the Commission Decision for the SERC Project. The report format is designed to be comprehensive and inclusive of all Conditions of Certification that require monthly reporting.

Many Conditions of Certification are addressed in the attachments to this MCR. The following one-time and/or monthly compliance activities were completed or addressed during the report period:

**AQ-SC3:** 1) A summary of all actions taken to maintain compliance with this condition 2) Copies of any complaints filed with the South Coast Air Quality Management District (SCAQMD) in relation to project construction; and 3) other documentation deemed necessary to verify compliance with this condition are included in the AQCMM's monthly report in Attachment 3.

**AQ-SC4:** 1) Work activities requiring dust control and a summary of all actions taken to maintain compliance with this condition; 2) copies of any complaints filed with the SCAQMD in relation to project construction; and 3) any other documentation necessary to verify compliance with this condition are included in the AQCMM's monthly report in Attachment 3.

**AQ-SC5:** 1) A summary of all actions taken to maintain compliance, 2) list of heavy equipment, and 3) other documentation necessary to verify compliance during the reporting period is included in the AQCMM's monthly report in Attachment 3.

**BIO-2:** A monthly Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) provides a summary of reporting period construction activities and associated biological monitoring and is included in Attachment 4.

**BIO-5:** During the reporting period 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 580. Documentation of worker training records for the reporting period is included in Appendix E of Attachment 4.

**BIO-6:** The Designated Biologist and Biological Monitor provides monthly documentation on how the biological mitigation measures defined in the BRMIMP have been implemented during the reporting period. This information is included in Attachment 4.

**BIO-8:** The Designated Biologist and Biological Monitors have provided documentation on preconstruction nest surveys to the CPM, California Department of Fish and Wildlife (CDFW) and U.S. Fish and Wildlife Service (USFWS) as required. These activities and reports are addressed in the Monthly Biological Report included as Attachment 4. Impact avoidance and minimization measures related to nesting and breeding birds have been implemented during the reporting period. This information is included in Attachment 4.

**CIVIL-1:** There was one proposed change to the drainage structures and the grading that was approved by the CBO on October 16. The written statement certifying that the documents have been approved by the CBO are provided in Attachment 5. There were no other proposed changes to the erosion and sedimentation control plan; the construction Storm Water Pollution Prevention Plan (SWPPP); related calculations and specifications that have been signed and stamped by the responsible civil engineer or the soils, geotechnical or foundation investigations

reports required by the 2016 CBC that have been previously submitted and approved by the CBO.

**CIVIL-3:** There were no inspection, non-conformance reports during the reporting period. (Attachment 5)

**COM-5:** An updated compliance matrix is provided as Attachment 2.

**COM- 6:** This MCR conforms to and satisfies the COC.

**COM-7**: There were no required Periodic or Annual Compliance Reports due in this reporting period.

**COM-9**: The Annual Compliance Fee was paid by SERC, LLC on Jun 5<sup>th</sup>. Documentation of the payment, including a receipt from the CEC was forwarded to the CPM.

**COM-10:** On September 13, 2019 SERC filed a Petition for Post Certification Change (TN#: 229730) with the CEC requesting the site boundary be modified to eliminate a portion of Parcel 2 from the Commission Final Decision. The petition docketed on November 6, 2019.

**COM-11:** There were no complaints, notices, warnings, citations or fines during this reporting period. The Complaint Log can be found in Attachment 21 of this MCR.

**COM-13:** No Incident-Reporting Requirements occurred during this reporting period.

**CUL-2:** Three week look ahead schedules are being provided weekly to allow the CRS to plan the CRM's monitoring work accordingly. The CPM is being copied on these schedules as well.

**CUL-3:** The CRMMP is being fully implemented. Specific details can be found in the daily cultural resource reports being submitted to the CPM and in the monthly Cultural Resources Report included as Attachment 6 of this MCR.

**CUL-5:** During the reporting period 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 580 Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

**CUL-6:** The Cultural Resources Specialist's monthly summary report is included as Attachment 6 to this MCR.

**CUL-7:** The cultural resource discoveries made on October 16, 2019 were cleared by the CEC staff on November 25, 2019.

**ELEC-1:** Documentation of transmittal of electrical construction design review and approval by the DCBO during the reporting period. During this reporting period there were three (3) approvals by the DCBO as indicated in Attachment 8.

Additionally, there were two (2) receipts of major electrical equipment, testing or energizing of major electrical equipment construction of power plant switchyard, outlet line, and termination during this reporting period:

• Unit 1 and Unit 2, 13.8 kV Switchgear

**GEN-2:** There were no schedule updates in the reporting period to the facility design schedule, the master drawings and master specifications list (Attachment 9).

**GEN-3:** Proof of payment to the DCBO during this reporting period is included in Attachment 10.

**GEN-6:** There were no additional special inspectors approved during the reporting period as indicated in Attachment 11.

**GEN-7:** During this reporting period there were no Design Discrepancy Correction as described in GEN-7.

**GEN-8:** There were no final inspections during this reporting period as described in GEN-8 (Attachment 13).

**MECH-1:** There were eight (8) submittals from SERC to the CBO during this reporting period. Documentation of transmittal letters of completion of all DCBO inspections are included in Attachment 22.

**MECH-2:** There were no on-site fabrication or installation of any pressure vessels during this reporting period.

**NOISE-2:** There were no noise complaints received during this reporting period.

**PAL-2:** Three week look ahead schedules are being provided weekly to allow the PRS to plan the PRM's monitoring work accordingly. The CPM is being copied on these schedules as well.

**PAL-3:** The PRMMP is being fully implemented. Specific details can be found in the Monthly Paleontology Resources Report included as Attachment 7.

**PAL-5:** During the reporting period 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 580. Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

**PAL-6:** A summary of the Paleontological Resource Specialist's activities during the reporting period including daily monitoring logs is included in the Monthly Paleontology Report included as Attachment 7.

**SOIL&WATER-4:** The monthly water use for SERC during the reporting period was 8,490 CF. Daily water usage is provided within Attachment 14.

**STRUC-1:** Documentation of DCBO approval of structural plans, specifications, and calculations during the reporting period is included in Attachment 16.

**STRUC-3:** There were no design changes to the final plans required by the 2016 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes during this reporting period.

**TRANS-1:** There were two (2) deliveries requiring permits during the reporting period for vehicle sizes, weights, driver licensing and truck routes as identified in Attachment 17. The contractor has been notified to deliver these permits.

Additionally, we received four permits for items delivered from the month September that are included in Attachment 17.

**TRANS-5:** The project did not contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes during this reporting period.

**TRANS-4:** During the reporting period project owner's general contractor applied for and received encroachment permits Pacific St and Dale Ave

**TSE-1:** There were no schedule updates to the transmission facilities design submittals, Master Drawings List, and a Master Specifications List or Major Equipment and Structure List during the reporting period.

**TSE-2:** There were two (2) receipts of major electrical equipment, testing or energizing of major electrical equipment construction of power plant switchyard, outlet line, and termination during this reporting period.

• Unit 1 and Unit 2, 13.8 kV Switchgear

**VIS-3:** There were no lighting complaints for any construction activity during this reporting period.

**WASTE-4:** During this reporting period four (4) forty-yard bins of construction waste left the site, one (1) forty-yard waste metal bin and one (1) eco pans of solid waste left the site.

**WASTE-6:** SERC is keeping a copy of the hazardous waste generator identification number(s) on file at the project site (EPA ID 2-27-19-CAR000292565). Documentation of any new or revised hazardous waste generation notifications or changes in identification number are required to be provided to the CPM in the next scheduled compliance report. There have been no revisions during this reporting period.

**WASTE-9:** There were no spills or releases of hazardous substances, materials, or waste are reported, cleaned up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements during this reporting period.

**WORKER SAFETY-3:** The CSS's Monthly Compliance Report includes documentation of 1) employees trained, 2) safety management actions safety-related incidents, 3) unresolved situation and incidents that may pose a danger to life and health, 4) reports of any visits from Cal/OSHA and/or any complaints from workers to Cal/OSHA and 5) reports of accidents, injuries, and near misses during the reporting period is included in this MCR as Attachment 18.

## 5. Missed Deadlines

There were no missed deadlines during this reporting period.

6. Approved Changes to Conditions of Certification (COC)

No changes to the COC occurred during this reporting period.

7. Governmental Agencies Submittals / Permits

The Permits by Government Agencies as required in COM-6 are included in Attachment 20.

- 8. Compliance Activity Two Month Schedule
  - Adhere to Conditions of Certification, defined herein, that require monthly activities and/or per event submittals.
  - COM-5 and 6 Submit MCR and compliance matrix to the CEC.
- 9. On-Site Compliance File

SERC, LLC is maintaining electronic copies of all project files and submittals in accordance with COC COM-2 and the clarifications received from the CPM on March 21, 2019 regarding electronic record retention. At least one hard copy of the following will be kept onsite:

- 1. all finalized original and amended structural plans and "as-built" drawings for the entire project (later)
- 2. the most current versions of any plans, manuals, and training documentation required by the COC or applicable LORS
- 10. Incidents, Complaints, Notices of Violation, Official Warnings and Citations

There were no incidents, notices of violation, official warnings or citations received during the month of November 2019.

Attachment 1 – COM-6 Project Schedule

Page **13** of **398** 

| SERC Baseline Project | Master Schedule (w/ARB Nov Sched) CEC/SCE                   |      | % Comp | Ctort       | Finish      | WBS Su | mmary  |           |                           |     |     |     | 202 | 20     |          |         |           |        |       |     |     | 202                                   | 1                | 10-E     | Dec-19 15:     |
|-----------------------|---|------|--------|-------------|-------------|--------|--------|-----------|---------------------------|-----|-----|-----|-----|--------|----------|---------|-----------|--------|-------|-----|-----|---------------------------------------|------------------|----------|----------------|
|                       | Activity Name   |      | % Comp | Start       |             |        | Var. N | ov Dec Ja | an Feb                    | Mar | Apr | May |     |        | Aua      | Sep     | Oct       | Nov De | c Jan | Feb | Mar | Apr May Ju                            |                  | Aua      | Sep Oct        |
| SERC Baseline         | Project Master Schedule (w/ARB Nov Sched) &                 | 876  | 59.53% | 26-Oct-16 A | 30-Aug-21   | 0      | 22     |           |                           |     |     |     |     |        |          |         |           |        | -     |     |     |                                       |                  |          |                |
| LM6000 RAPA           |   | 0    | 0%     | 01-Jul-20   | 01-Jul-20   | 235    | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 2                     | Expected Initial Delivery Date                              | 0    | 0%     |             | 01-Jul-20*  | 235    | 0      |           |                           |     |     |     | *   |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| Storage RAPA          |   | 0    | 0%     | 01-Jun-20   | 01-Jun-20   | 253    | 0      |           |                           |     |     |     | ¥   |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 4                     | Expected Initial Delivery Date                              | 0    | 0%     |             | 01-Jun-20*  | 253    | 0      |           |                           |     |     | *   |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| GIA Key Milest        | ones  | 34   | 0%     | 03-Feb-20   | 01-Apr-20   | 287    | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 6                     | In-Service Date (Initial Backfeed - Liquidated Damages Fr   | 0    | 0%     |             | 03-Feb-20*  | 459    | 0      |           | *                         |     |     |     |     | 1      |          |         |           |        |       |     |     |                                       |                  |          |                |
| 7                     | Initial Synchronization Date/Trial Operation (No Later Than | 0    | 0%     |             | 02-Mar-20*  | 304    | 0      |           |                           | \$  |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 8                     | Commercial Operation Date (No Later Than)                   | 0    | 0%     |             | 01-Apr-20*  | 160    | 0      |           |                           |     | 8   |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| Pre-construction      | on Activities   | 701  | 100%   | 26-Oct-16 A | 16-Nov-19 A |        | -1     |           |                           |     |     |     |     | 1      |          |         |           |        |       |     |     |                                       | -                |          |                |
| CEC Permitting        |   | 434  | 100%   | 26-Oct-16 A | 12-Feb-19 A |        | 0      |           | ·                         |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 12                    | Presiding Members Proposed Decision (PMPD) issued           | 1    | 100%   | 08-Oct-18 A | 08-Oct-18 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     | 1   |                                       |                  |          | 1              |
| 13                    | Full Commission Decision for Approval                       | 0    | 100%   | 13-Nov-18 A |             |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 15                    | CEC Decision Final (non-appealable)                         | 0    | 100%   |             | 13-Dec-18 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 14                    | Post-Approval 30-day appeal period                          | 30   | 100%   | 13-Nov-18 A | 13-Dec-18 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 11                    | Application for Certification                               | 782  | 100%   | 26-Oct-16 A | 17-Dec-18 A |        | 0      |           | ·   · · · · · · · · · · · |     |     |     |     |        |          |         |           |        |       |     |     | · · · · · · · · · · · · · · · · · · · |                  |          |                |
| Pre-Construction C    | ompliance (CEC)   | 47   | 100%   | 13-Nov-18 A | 12-Feb-19 A |        | 0      |           |                           |     |     |     |     | 1      |          |         |           |        |       |     |     |                                       |                  |          |                |
| 18                    | Limited Notice to Proceed (LNTP)                            | 0    | 100%   |             | 31-Jan-19 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       | -                |          |                |
| 17                    | Compliance submittals necessary to get a Limited Notice     | 69   | 100%   | 13-Nov-18 A | 31-Jan-19 A |        | 0      |           |                           |     |     |     |     | 1      |          |         |           |        |       |     |     |                                       |                  |          |                |
| 20                    | Full Notice to Proceed (FNTP)                               | 0    | 100%   | 12-Feb-19 A |             |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 19                    | Compliance submittals necessary to get a Full Notice to P   | 83   | 100%   | 13-Nov-18 A | 12-Feb-19 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     | · · · · · · · · · · · · · · · · · · · |                  |          |                |
| SCAQMD Air Pern       | it  | 0    | 0%     | 15-Nov-18 A | 15-Nov-18 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       | -                |          |                |
| 22                    | SCAQMD Authority To Construct (ATC) issued                  | 0    | 100%   | 15-Nov-18 A |             |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| Engineering           |   | 575  | 100%   | 29-Oct-18 A | 29-Aug-19 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 24                    | "Issued For Bid" Engineering Package for Contractor Prici   | 174  | 100%   | 31-Oct-18 A | 31-Oct-18 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 25                    | Further Develop Engineering to Signed and Stamped Plan      | 575  | 100%   | 31-Oct-18 A | 17-Dec-18 A |        | 0      |           | <br> <br> <br>            |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 26                    | Receive Signed and Stamped Plan Set                         | 1    | 100%   | 17-Dec-18 A | 17-Dec-18 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 27                    | Vehicle Bridge Engineering                                  | 45   | 100%   | 29-Oct-18 A | 18-Jan-19 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 28                    | BESS & EGT Integration Engineering                          | 105  | 100%   | 02-Jan-19 A | 22-Feb-19 A |        | 0      |           |                           |     |     |     |     | 1      |          |         |           |        |       |     |     |                                       |                  |          |                |
| 29                    | Assemble Engineering into CBO submittal packages            | 148  | 100%   | 11-Dec-18 A | 29-Aug-19 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| Real Properties or    | Land Control  | 394  | 100%   | 06-Aug-18 A | 25-Feb-19 A |        | 0      |           |                           |     | -   |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 31                    | Valov Lease Agreement Executed                              | 0    | 100%   |             | 06-Aug-18 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 34                    | Sewer Service Connection Permit                             | 16   | 100%   | 31-Dec-18 A | 28-Jan-19 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 33                    | Water Service Connection Permit                             | 16   | 100%   | 31-Dec-18 A | 28-Jan-19 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| 35                    | Orange County Public Works (OCPW) Encroachment Agre         | 4    | 100%   | 03-Dec-18 A | 01-Feb-19 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     | 1   |                                       |                  |          |                |
| 32                    | SCE Easement Consent  | 81   | 100%   | 31-Dec-18 A | 25-Feb-19 A |        | 0      |           | ·   · · · · · · · · · · · |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          |                |
| Owner Supplied E      | quipment (OSE) Procurement Schedule                         | 356  | 100%   | 08-Feb-18 A | 16-Nov-19 A |        | -1     |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       | -<br>-<br>-<br>- |          |                |
| LM6000 Packages       |   | 190  | 100%   | 22-Feb-18 A | 01-Aug-19 A |        | 0      |           |                           |     |     |     |     |        |          |         |           |        |       |     |     |                                       |                  |          | <br> <br> <br> |
| Remaining Le          | -   | Vork |        |             |             | Page 1 | of 10  | · · ·     |                           |     |     |     | TA  | ASK fi | ilter: N | lot Lev | vel Of Et | fort.  |       |     |     | · · · · · · ·                         |                  | © Oracle | e Corporati    |

| ly ID            | ct Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name |     | % Comp Start     | Finish           | WBS Sum | Fin      |     |            |     |      |     |     | 202 | 20    |      |     |       |        |       |        |       |          | 2   | 2021 |     | 10-De  | ec-19 1 |
|------------------|--|-----|------------------|------------------|---------|----------|-----|------------|-----|------|-----|-----|-----|-------|------|-----|-------|--------|-------|--------|-------|----------|-----|------|-----|--------|---------|
| ,                |  | CD  |                  |                  |         | Var. Nov | Dec | Jan        | Feb | Mar  | Apr | May |     | Jul A | ug S | Sep | Oct N | lov De | ec Ja | in Fel | b Mar | Apr      | May |      | Jul | Aug Se | ∋p O    |
| 38               | Effective Date of Turbine Supply Contract                  | 0   | 100%             | 22-Feb-18 A      |         | 0        |     |            |     |      |     |     |     |       | -    |     |       |        | -     |        |       |          |     |      |     |        |         |
| 39               | Engineering Received from Manufacturer                     | 45  | 100% 22-Feb-18 A | 11-May-18 A      |         | 0        |     |            |     |      |     |     |     |       |      | -   |       |        |       |        |       |          |     |      |     |        |         |
| 40               | Order of Long Lead Time Items                              | 0   | 100% 23-May-18 A |                  |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 41               | FNTP   | 0   | 100% 23-Aug-18 A |                  |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 43               | Receipt of Notice of Ready to Ship (RTS)                   | 0   | 100%             | 11-Apr-19 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 44               | Delivery Per FCA (Goods Actually Ready For Shipment)       | 0   | 100%             | 21-May-19 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 42               | Manufacturer Time (FNTP-Delivery)                          | 169 | 100% 23-Aug-18 A | 21-May-19 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| A1000            | Transportation From FCA Delivery Point To Site             | 40  | 100% 21-May-19 A | 01-Aug-19 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| Emissions Reduc  | tion Unit (ERU)  | 356 | 100% 08-Feb-18A  | 16-Nov-19 A      |         | -1       |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 47               | Effective Date of the ERU Supply Contract                  | 0   | 100%             | 08-Feb-18 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 57               | Selection of Nox & CO Catalyst                             | 0   | 100%             | 01-Jun-18 A      |         | 0        |     |            |     |      |     | 1   |     |       |      | -   |       |        |       |        |       |          |     |      |     |        |         |
| 62               | Engineering Received from Manufacturer                     | 0   | 100%             | 05-Jul-18 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 56               | Engineering Received from Manufacturer                     | 0   | 100%             | 13-Jul-18 A      |         | 0        |     | ·          | ·   |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 61               | Approval of Engineering                                    | 0   | 100%             | 19-Jul-18 A      |         | 0        |     |            |     |      |     |     |     |       |      | -   |       |        |       |        |       |          |     |      |     |        |         |
| 55               | Approval of Engineering                                    | 0   | 100%             | 27-Jul-18 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 54               | Release for Fabrication of Nox & CO Catalyst               | 0   | 100%             | 13-Aug-18 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 53               | Delivery of instalation proceedures                        | 0   | 100%             | 24-Aug-18 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 60               | Engineering Received from Manufacturer                     | 0   | 100%             | 30-Aug-18 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     | 4    |     |        |         |
| 52               | Delivery of maintenance proceedures                        | 0   | 100%             | 07-Sep-18 A      |         | 0        |     |            |     |      |     | 1   |     |       |      | -   |       |        |       |        |       |          |     |      |     |        |         |
| 59               | Approval of Engineering                                    | 0   | 100%             | 13-Sep-18 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 58               | FNTP   | 0   | 100% 12-Oct-18 A |                  |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| A1010            | Fabrication Drawings                                       | 4   | 100% 12-Oct-18 A | 01-Feb-19 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| A1020            | SERC Review Fabrication Drawings                           | 4   | 100% 01-Feb-19 A | 15-Feb-19 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 51               | Manufacturer Time (FNTP-Delivery)                          | 123 | 100% 15-Feb-19A  | 18-Jun-19 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 49               | NOx & CO Modules   | 0   | 100%             | 14-Oct-19 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 50               | Delivery/Goods Received (Duct, Stack, Silencer)            | 59  | 100% 01-Jul-19 A | 25-Oct-19 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       | -        |     |      |     |        |         |
| A1030            | Transportation Of ERU Materials                            | 4   | 100% 01-Jul-19 A | 16-Nov-19 A      |         | -1 🗧     |     |            |     |      |     | -   |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| Generator Step-L | lp Transformer (GSU)                                       | 194 | 100% 29-Jun-18 A |                  |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 64               | LNTP/PO Date   | 0   | 100%             | -<br>29-Jun-18 A |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 66               | FNTP   | 0   | 100% 20-Sep-18A  |                  |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 65               | Engineering Received from Manufacturer                     | 56  | 100% 29-Jun-18 A | 20-Sep-18 A      |         | 0        |     |            |     |      |     |     |     |       |      | -   |       |        |       |        |       |          |     |      |     |        |         |
| 67               | Manufacturer Time (FNTP-Delivery)                          | 162 | 100% 20-Sep-18 A | 28-Feb-19 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 69               | Delivery/Goods Received At Site                            | 0   | 100%             | 31-May-19 A      |         | 0        |     | ·          | ·   | <br> |     |     |     |       |      |     |       |        |       |        |       | <br>     |     |      |     |        |         |
| Vehicle Bridge   |  | 47  | 100% 01-Nov-18A  | 22-Mar-19 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 71               | LNTP/PO Date   | 0   | 100% 01-Nov-18 A |                  |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 73               | FNTP   | 0   | 100%             | 07-Jan-19 A      |         | 0        |     |            |     |      |     | -   |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 72               | Engineering Received from Manufacturer                     | 32  | 100% 02-Nov-18 A | 07-Jan-19 A      |         | 0        |     |            |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
| 74               | Manufacturer Time (FNTP-Delivery)                          | 24  | 100% 08-Jan-19A  |                  |         | 0        |     | <br> <br>! |     |      |     |     |     |       |      |     |       |        |       |        |       |          |     |      |     |        |         |
|                  |  |     | II               |                  |         |          |     | 1          |     |      |     |     |     | 1     |      |     |       | 1      | 1     |        | 1     | <u> </u> |     |      |     |        |         |

| RC Baseline Project | ct Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name  |      | % Comp Start       | Finish                     | WBS Sur | mmary<br>Fin. |       |        |                  |       |      | 202  | 20               |         |        |          |        |       |      |       |      | 2021     |     | 10-D      | Dec-19 1 |
|---------------------|---|------|--------------------|----------------------------|---------|---------------|-------|--------|------------------|-------|------|------|------------------|---------|--------|----------|--------|-------|------|-------|------|----------|-----|-----------|----------|
| y iD                | Activity Name   |      | % comp stan        |                            |         |               | Dec . | lan Fe | b Mar            | Apr   | May  |      |                  | Aua     | Sep    | Oct N    | lov De | c Jan | Feb  | Mar   | Apr  | May Jur  | Jul | Aug S     | Sep 0    |
| 75                  | Delivery/Goods Received                                     | 0    | 100%               | 22-Mar-19 A                |         | 0             |       |        |                  | 1,101 | inay | oun  | - Cui            | / lug   |        | 001      |        | o dan | 1.00 | indi  | 7.01 | inay bai |     | / lag   0 |          |
| Balance Of Plant    | -   |      | 100% 01-Jul-18 A   | 01-Apr-19 A                |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 78                  | Place BOP OSE Purchase Orders                               | 180  |                    | 28-Dec-18 A                |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 79                  | Available for delivery to the Project Site                  |      | 100% 01-Apr-19 A   |                            |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| Construction Co     |   |      | -                  | 24-Jan-19 A                |         | 0             |       | <br>   |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 81                  | Receive Initial Bids from Construction Contractors          |      | 100% 03-Sep-18 A   |                            |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 82                  | Review Initial Bids   |      | 100% 04-Sep-18 A   | 04-Oct-18 A                |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 84                  | Achieve Commercial Lockdown                                 |      | 100%               | 26-Nov-18 A                |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 83                  | Short list two construction contractors and negotiate draft |      | 100% 04-Oct-18A    |                            |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 86                  | Final Bids Turned In  |      | 100%               | 14-Dec-18 A                |         | 0             |       |        |                  |       |      | <br> |                  |         |        |          |        |       |      | <br>_ |      |          |     |           |          |
| 85                  | Contractor Pricing Refresh                                  |      | 100% 26-Nov-18 A   |                            |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 87                  | Review Final Bids / Select Contractor                       |      | 100% 14-Dec-18A    |                            |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 89                  | Make executed construction contract available in the SER    |      | 100% 14-Dec-10A    | 20-Dec-10 A<br>21-Dec-18 A |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 88                  | Execute Construction Contract                               |      | 100%               | 21-Dec-18 A                |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 90                  | Provide Notice To Proceed to Contractor                     |      | 100%               | 21-Dec-18 A<br>24-Jan-19 A |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
|                     |   |      | 100% 16-Oct-18 A   | 24-Jan-19A                 |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| Project Finan       | Provide Mandate to Helaba                                   |      | 100% 16-Oct-18A    | 24-Jail-19 A               |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 92                  |   | 0    |                    | 14 Jan 40 A                |         | -             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 93                  | Perform Dilligence  | 1    | 100% 16-Oct-18A    |                            |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 94                  | Develop Loan Documentation                                  | 4    | 100% 16-Oct-18A    | 17-Jan-19A                 |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          | ·   |           |          |
| 95<br>0             | Financial Close   |      | 100% 24-Jan-19A    | 20 Aug 24                  | 0       | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| CEC Complia         | hce   |      | 34.45% 19-Dec-18 A |                            |         | 22            |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| CBO Activity        | ODO Kink of Marting   |      | 70.48% 19-Dec-18 A |                            | 291     | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 99                  | CBO Kick off Meeting  |      | 100%               | 19-Dec-18 A                |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 98                  | CBO Contract Execution                                      |      | 100% 19-Dec-18 A   |                            |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| CBO performance     |   |      | 70.48% 26-Dec-18 A |                            | 291     | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           | 1        |
| 101                 | Review and approve Pre-construction submittal               |      | 100% 26-Dec-18A    |                            |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 103                 | Perform Plan Check of Submittals                            |      | 100% 27-Dec-18A    |                            |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| 102                 | Inspector On Site   |      | 70.51% 04-Feb-19 A |                            | 523     | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| CEC Compliance      | e R1  |      | 20.73% 20-Jul-19 A |                            | 0       | 31            |       |        | !                |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| Air Quality         |   |      | 13.47% 31-Oct-19 A | 20-May-21                  | 82      | -1            |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| AQ-1010             | AQ-D1b - Initial Source Test                                | 0    | 100% 31-Oct-19 A   |                            |         | 0             |       |        |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| AQ-1015             | AQ-D1b - Initial Source Test                                | 0    | 0% 06-Feb-20       |                            | 457     | -1            |       | 8      |                  |       |      |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| AQ-1020             | AQ-D2 - Operations Source Test                              | 0    | 0% 04-May-20       |                            | 387     | -1            |       |        |                  |       | \$   |      |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| AQ-1170             | AQ-K1 - Source Test Results                                 | 0    | 0% 10-Jun-20       |                            | 357     | -1            |       |        | ,<br>,<br>,<br>, |       |      | 8    | ,<br>,<br>,<br>, |         |        |          |        |       |      |       |      |          |     |           |          |
| AQ-1100             | AQ-D5 - CEMS for NOx  | 0    | 0% 10-Jun-20       |                            | 357     | -1            |       |        |                  |       |      | 8    |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| AQ-1080             | AQ-D4 - CEMS for CO   | 0    | 0% 10-Jun-20       |                            | 357     | -1            |       |        |                  |       |      | 8    |                  |         |        |          |        |       |      |       |      |          |     |           |          |
| AQ-1160             | AQ-H1 - NOx CEMS Performance Evaluation                     | 0    | 0% 01-Oct-20       |                            | 267     | -1            |       |        |                  |       |      |      |                  |         | \$     |          |        | 1     |      |       |      |          |     |           |          |
| AQ-1000             | AQ-D1a - Initial Source Test                                | 0    | 0% 01-Oct-20       |                            | 267     | -1            |       |        |                  |       |      |      |                  |         | \$     |          |        |       |      |       |      |          |     |           |          |
| Remaining L         | Level of Effort Actual Work Critical Remaining V            | Vork |                    |                            | Page 3  | of 10         |       |        |                  |       |      | Т    | ASK fil          | ter: No | ot Lev | el Of Ef | fort.  |       |      |       |      |          | (0  | ) Oracle  | e Corpo  |

| D             | t Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name    |      | % Comp Start       | Finish    | WBS Su | Immary<br>Fin. |        |                                       |       |        |      |                | 2020 |            |        |               |       |     |         |     |     | 202    | 1 | 10-L | Dec-19  |
|---------------|--|------|--------------------|-----------|--------|----------------|--------|---------------------------------------|-------|--------|------|----------------|------|------------|--------|---------------|-------|-----|---------|-----|-----|--------|---|------|---------|
|               |  |      | 70 Comp Start      |           |        | 1/2.1          | Nov De | c Jan                                 | Feb N | Mar Ar | pr M |                |      | Aua        | Sep    | Oct I         | Nov   | Dec | Jan Feb | Mar | Apr | May Ju |   | Aug  | Sep C   |
| AQ-1050       | AQ-D3 - NH3 Source Test                                      | 0    | 0% 20-May-21       |           | 82     | -1             |        |                                       |       |        |      |                |      | 1          |        |               |       |     |         |     |     | 8      |   |      |         |
| Biological    |  | 376  | 60.06% 31-Jul-19 A | 12-Nov-20 | 233    | 0              |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| BIO-1030      | BIO-8a1 - Pre-Construction Nest Surveys and Impact Avoi      | 0    | 100% 31-Jul-19 A   |           |        | 0              |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| BIO-1050      | BIO-8b - Preconstruction Nest Survey Letter Report           | 0    | 100% 19-Aug-19 A   |           |        | 0              |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| BIO-1040      | BIO-8a2 - Pre-Construction Nest Surveys and Impact Avoi      | 0    | 100% 19-Aug-19 A   |           |        | 0              |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| BIO-1060      | BIO-8c - Implementation of Nest Surveys and Inclusion in     | 0    | 100% 19-Sep-19 A   |           |        | 0              |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| BIO-1020      | BIO-7b - General Impact Avoidance and Mitigation Measur      | 0    | 0% 08-May-20       |           | 383    | 0              |        |                                       |       |        | 8    |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| BIO-1010      | BIO-6e - BRMIMP Construction Closure Report                  | 0    | 0% 08-May-20       |           | 383    | 0              |        |                                       |       |        | 8    |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| BIO-1000      | BIO-5c - WEAP Training Acknowledgement Forms on File         | 0    | 0% 12-Nov-20       |           | 233    | 0              |        |                                       |       |        |      |                |      |            |        |               | 8     |     |         |     |     |        |   |      |         |
| Civil         |  | 0    | 0% 23-Apr-20       | 23-Apr-20 | 395    | 4              |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| CIV-1010      | CIVIL-4a - Final Grading Plan Approval                       | 0    | 0% 23-Apr-20       |           | 395    | 4              |        |                                       |       |        | •    |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| Communication |  | 0    | 0% 17-Jan-20       | 17-Jan-20 | 473    | 0              |        | ·                                     |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| COM-1020      | COM-12b - Emergency Response Site Contingency Plan           | 0    | 0% 17-Jan-20       |           | 473    | 0              |        | \$                                    |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| Cultural      |  | 90   | 0% 23-Apr-20       | 13-Aug-20 | 305    | 4              |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| CUL-1000      | CUL-1j - Discharge the CRS, after receiving approval from    | 0    | 0% 23-Apr-20       |           | 395    | 4              |        |                                       |       |        | •    |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| CUL-1010      | CUL-4b - Final Cultural Resources Report                     | 0    | 0% 13-Aug-20       |           | 305    | 4              |        |                                       |       |        |      |                |      | ٠          |        |               |       |     |         |     |     |        |   |      |         |
| General       |  | 90   | 0% 01-Apr-20       | 22-Jul-20 | 323    | 19             |        | ·                                     | -     |        |      | <br> <br> <br> |      |            |        | <br>     <br> |       |     |         |     |     |        |   |      |         |
| GEN-1030      | GEN-8b - Plan and Specification Storage                      | 0    | 0% 01-Apr-20       |           | 413    | 0              |        | -                                     |       | *      |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| GEN-1000      | GEN-1a - Certificate of Occupancy                            | 0    | 0% 28-Jun-20       |           | 342    | 38             |        |                                       |       |        |      |                | •    | <b></b>    |        |               |       |     |         |     |     |        |   |      |         |
| GEN-1010      | GEN-1b - Certificate of Occupancy                            | 0    | 0% 07-Jul-20       |           | 335    | 31             |        |                                       |       |        |      |                | •    | $\diamond$ |        |               |       |     |         |     |     |        |   |      |         |
| GEN-1040      | GEN-8c - Plan and Specification Archive Copies               | 0    | 0% 22-Jul-20       |           | 323    | 0              |        |                                       |       |        |      |                |      | \$         |        |               |       |     |         |     |     |        |   |      |         |
| Hazardous     |  | 141  | 100% 20-Jul-19A    | 12-Jan-20 | 477    | -1             |        | ·                                     |       |        |      |                |      |            |        | <br>     <br> |       |     |         |     |     |        |   |      |         |
| HAZ-1080      | HAZ-8a - Operations Site Security Plan                       | 0    | 100% 20-Jul-19 A   |           |        | 0              |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| HAZ-1000      | HAZ-2a - Final HMBP and SPCC                                 | 0    | 100% 20-Jul-19 A   |           |        | 0              |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| HAZ-1060      | HAZ-6a - HazMat Transport Route Restrictions                 | 0    | 100% 28-Jul-19 A   |           |        | 0              |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| HAZ-1010      | HAZ-2b - Final Risk Management Plan                          | 0    | 100% 29-Jul-19 A   |           |        | 0              |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| HAZ-1070      | HAZ-6b - Route Restrictions, New Vendor                      | 0    | 100% 23-Aug-19 A   |           |        | 0              |        | ·                                     |       |        |      |                |      | !          |        |               |       |     |         |     |     |        |   |      |         |
| HAZ-1050      | HAZ-5 - Transport Vehicle Specifications                     | 0    | 100% 04-Nov-19 A   |           |        | -1             |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| HAZ-1040      | HAZ-4 - Ammonia Storage Tank Design                          | 0    | 100% 04-Nov-19 A   |           |        | -1             |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| HAZ-1030      | HAZ-3 - Aqueous Ammonia Safety Management Plan               | 0    | 100% 04-Nov-19 A   |           |        | -1             |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| HAZ-1020      | HAZ-2c - Final Risk Management Plan                          | 0    | 100% 04-Nov-19 A   |           |        | -1             |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| HAZ-1090      | HAZ-9 - Fuel Gas Pipe Cleaning                               | 0    | 0% 12-Jan-20       |           | 477    | -1             |        | 8                                     |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| Mechanical    |  | 113  | 100% 24-Aug-19 A   | 12-Jan-20 | 477    | -1             |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| MECH-1000     | MECH-2a - Pressure Vessel Installation                       | 0    | 100% 24-Aug-19 A   |           |        | 0              |        |                                       |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| MECH-1020     | MECH-3b - HVAC Plans   | 0    | 0% 12-Jan-20       |           | 477    | -1             |        | 8                                     |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| MECH-1010     | MECH-3a - HVAC Plans   | 0    | 0% 12-Jan-20       |           | 477    | -1             |        | 8                                     |       |        |      |                |      |            |        |               |       |     |         |     |     |        |   |      |         |
| Noise         |  | 15   | 0% 04-Apr-20       | 23-Apr-20 | 395    | 4              |        | · · · · · · · · · · · · · · · · · · · |       |        |      |                |      |            | 1      |               |       |     |         |     |     |        |   |      |         |
| NOI-1030      | NOISE-5 - Occupational Noise Survey                          | 0    | 0%                 | 04-Apr-20 | 410    | 4              |        |                                       |       | ٠      |      |                |      | 1          |        |               |       |     |         |     |     |        |   |      |         |
|               |  |      |                    |           |        |                |        |                                       |       |        |      |                |      |            |        | ·             |       |     |         |     |     |        |   |      |         |
| Remaining Le  | evel of Effort Actual Work Critical Remaining Vork Milestone | Work |                    |           | Page 4 | of 10          |        |                                       |       |        |      |                | TASK | K filter:  | Not Le | vel Of Ef     | fort. |     |         |     |     |        |   |      | e Corpo |

| y ID            | Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name  | OD   | % Com  | Start       | Finish      | WBS S   | Fin.    |             |          |          |             | 2020  | 0       |         |        |          |      |                 |          |       |       |         | 202     | 1 |                     | -Dec-19 1   |
|-----------------|--|------|--------|-------------|-------------|---------|---------|-------------|----------|----------|-------------|-------|---------|---------|--------|----------|------|-----------------|----------|-------|-------|---------|---------|---|---------------------|-------------|
|                 |  |      |        |             |             |         | Var.    | Nov Dec Jar | n Feb Ma | r Apr    | May         | Jun   | Jul /   | Aug     | Sep    | Oct 1    | lov  | Dec             | Jan      | Feb N | 1ar / | Apr   N | /lay Ju |   | Aug                 | Sep Oc      |
| NOI-1010        | NOISE-4a - Operational Noise Survey  | 0    | 0%     | 04-Apr-20   |             | 395     | 4       |             |          | •        |             |       |         |         |        |          |      |                 |          |       |       |         |         | - |                     |             |
| NOI-1020        | NOISE-4b - Noise Survey Summary Report   | 0    | 0%     | 23-Apr-20   |             | 395     | 4       |             |          | <b>A</b> | $\diamond$  |       |         |         |        |          |      | 1               |          |       |       |         |         |   |                     |             |
| Paleo           |  | 60   | 0%     | 13-Aug-20   | 27-Oct-20   | 245     | 4       |             |          |          |             |       |         |         |        |          |      |                 |          |       |       |         |         |   |                     |             |
| PAL-1000        | PAL-7 - Paleontological Resources Report   | 0    | 0%     | 13-Aug-20   |             | 245     | 4       |             |          |          |             |       |         | \$      |        |          |      |                 |          | ;i    |       |         |         |   |                     |             |
| PAL-1010        | PAL-8 - Curation Entity/Curation Fees  | 0    | 0%     | 27-Oct-20   |             | 245     | 4       |             |          |          |             |       |         |         |        | -        |      | 1               | 1        |       |       |         |         |   |                     |             |
| Structural      |  | 0    | 0%     | 05-Nov-19A  | 05-Nov-19 A |         | -2      |             |          |          |             |       |         |         |        |          |      |                 |          |       |       |         |         |   |                     |             |
| STR-1010        | STRUC-4a - Tank and HazMat Vessel Design   | 0    | 100%   | 05-Nov-19 A |             |         | -2      |             |          |          |             |       |         |         |        |          |      | 1               |          |       |       |         |         |   |                     |             |
| Transmission    |  | 0    | 0%     | 27-Dec-19   | 27-Dec-19   | 489     | 0       |             |          |          |             |       |         |         |        |          |      | 1               |          |       |       |         |         |   |                     |             |
| TLSN-1010       | TLSN-2 - Metallic Objects Grounded   | 0    | 0%     | 27-Dec-19   |             | 489     | 0       | 8           |          |          |             |       |         |         |        |          |      | ;               |          |       |       |         |         |   |                     |             |
| Transportation  |  | 0    | 0%     | 12-Nov-20   | 12-Nov-20   | 233     | 0       |             |          |          |             |       |         |         |        |          |      | 1               | (        |       |       |         |         |   |                     |             |
| TNP-1000        | TRANS-4b - Copies of Permits   | 0    | 0%     | 12-Nov-20   |             | 233     | 0       |             |          |          |             |       |         |         |        |          | 8    | 1               |          |       |       |         |         |   |                     |             |
| Switchyard      |  | 458  | 0%     | 04-Feb-20   | 30-Aug-21   | 0       | 31      |             |          |          |             |       |         |         |        |          | •    |                 |          |       |       |         |         |   |                     |             |
| TSE-1060        | TSE-4b - Notice to CAISO   | 0    |        | 04-Feb-20   |             | 458     | 0       |             | *        |          |             |       |         |         |        |          |      |                 | 1        |       |       |         |         |   |                     |             |
| TSE-1050        | TSE-4a - Notice to CAISO   | 0    | 0%     | 11-Feb-20   |             | 452     | 0       |             | *        |          |             |       |         |         |        |          |      |                 |          |       |       |         |         |   |                     |             |
| TSE-1090        | TSE-5d - As-Built Drawings   | 0    | 0%     | 5 18-Apr-20 |             | 399     | 0       |             | Ť        | *        |             |       |         |         |        |          |      |                 |          |       |       |         |         |   |                     |             |
| TSE-1080        | TSE-5c - As-Built Drawings   | 0    |        | 5 18-Apr-20 |             | 399     | 0       |             |          | 1 X      |             |       |         |         |        |          |      | 1               | 1        |       |       |         |         | 1 |                     |             |
| TSE-1070        | TSE-5b - As-Built Drawings   | 0    |        | 18-Apr-20   |             | 399     | 0       |             |          | ×        |             |       |         |         |        |          |      | 1               | 1        |       |       |         |         |   |                     |             |
| TSE-1020        | TSE-2b - Final Switchyard Design   | 0    |        | 30-Aug-21   |             | 0       | 31      |             |          | <b>`</b> |             |       |         |         |        |          |      |                 |          |       |       |         |         |   | •                   |             |
| Visual          | · · · · · · · · · · · · · · · · ·  | 252  |        | 01-Jan-20   | 12-Nov-20   | 233     | 0       |             |          |          |             |       |         |         |        |          |      |                 |          |       |       |         |         |   | ·                   |             |
| VIS-1010        | VIS-2a - Screening Landscaping Plan  | 0    |        | 01-Jan-20   |             | 485     | 4       |             |          |          |             |       |         |         |        |          |      | 1               |          |       |       |         |         |   |                     |             |
| VIS-1000        | VIS-1c - Notification that Treatment Completed   | 0    |        | 01-Apr-20   |             | 413     | 0       |             |          | *        |             |       |         |         |        |          |      |                 |          |       |       |         |         |   |                     |             |
| VIS-1020        | VIS-2c - Landscape Installation Timing   | 0    |        | 23-Apr-20   |             | 395     | 4       |             |          | Ĭ. •     |             |       |         |         |        |          |      | 1<br> <br> <br> |          |       |       |         |         |   |                     |             |
| VIS-1030        | VIS-2d - Landscaping Ready for Inspection  | 0    |        | 01-May-20   |             | 388     | 4       | -           |          |          | <b>•</b>    |       |         |         |        |          |      | 1               |          |       |       |         |         |   |                     |             |
| VIS-1100        | VIS-4h - Pre-COD Inspection  | 0    |        | 12-Nov-20   |             | 233     | 0       |             |          |          | · · · · · · | ····- |         |         |        |          | 8    |                 |          |       |       |         |         |   |                     |             |
| VIS-1080        | VIS-4d - Lighting Inspection Ready, Notification   | 0    |        | 5 12-Nov-20 |             | 233     | 0       |             |          |          |             |       |         |         |        |          | × I  | 1               | 1        |       |       |         |         |   |                     |             |
| Waste           |  | 137  |        | 5 24-May-20 | 12-Nov-20   | 233     | 0       |             |          |          |             |       |         |         |        |          |      |                 |          |       |       |         |         |   |                     |             |
| WASTE-1020      | WASTE-1b - SMP Summary   | 0    |        | 24-May-20   |             | 370     | 4       |             |          |          |             |       |         |         |        |          |      | 1               |          |       |       |         |         | 1 |                     | 1<br>1<br>1 |
| WASTE-1050      | WASTE-8a - Operation Waste Management Plan   | 0    |        | 12-Nov-20   |             | 233     | 0       | -           |          |          |             |       |         |         |        |          | 8    | 1               | 1        |       |       |         |         |   |                     |             |
| Worker Safety   |  | 193  |        | 28-Jul-19A  | 25-Mar-20   | 419     | 0       |             |          |          |             |       |         |         |        |          | ·    | ,               |          |       |       |         |         |   |                     |             |
| WRSF-1040       | WORKER SAFETY-7c - Fire Protection System Specificati  |      |        | 28-Jul-19A  |             |         | 0       |             |          |          |             |       |         |         |        |          |      | 1<br> <br> <br> |          |       |       |         |         |   |                     |             |
| WRSF-1020       | WORKER SAFETY-7a - Fire Protection System Specificati  |      |        | 28-Jul-19A  |             |         | 0       | -           |          |          |             |       |         |         |        |          |      | 1               |          |       |       |         |         |   |                     |             |
| WRSF-1060       | WORKER SAFETY-8e.1 - Letter to OCFA  | 0    |        | 5 10-Jan-20 |             | 479     | 0       | \$          |          |          |             |       |         |         |        |          |      |                 |          |       |       |         |         |   |                     |             |
| WRSF-1050       | WORKER SAFETY-8e - Letter to OCFA  | 0    |        | 10-Jan-20   |             | 479     | 0       |             |          |          |             |       |         |         |        |          |      | 1               |          |       |       |         |         |   |                     |             |
| WRSF-1010       | WORKER SAFETY-2b - Operations H&S Program  | 0    |        | 5 12-Jan-20 |             | 477     | -1      | *           |          |          |             |       |         |         |        |          |      |                 |          |       |       |         |         |   | ·                   |             |
| WRSF-1000       | WORKER SAFETY-2a - Operations H&S Program  | 0    |        | 5 12-Jan-20 |             | 477     | -1      | <b>*</b>    |          |          |             |       |         |         |        |          |      | 1               | l        |       |       |         |         |   |                     |             |
| WRSF-1000       | WORKER SAFETY-8f.1 - Final UL Certification of ESS   | 0    |        | 5 25-Mar-20 |             | 419     | ۱-<br>۱ |             |          | •        |             |       |         |         |        |          |      | 1               |          |       |       |         |         |   |                     |             |
| WRSF-1000       | WORKER SAFETY-8f - Final UL Certification of ESS   | 0    |        | 5 25-Mar-20 |             | 419     | 0<br>0  | -           |          |          |             |       |         |         |        |          |      | 1               |          |       |       |         |         |   |                     |             |
|                 |  | 225  |        |             | 20 May 20   |         | 22      |             |          | >        |             |       |         |         |        |          |      | 1               | l        |       |       |         |         |   |                     |             |
| INIGUUU CONST   | ruction Schedule   | 325  | 00.72% | (09-Nov-18A |             | 253     | 22      |             |          | 1        |             |       |         |         | 1      |          |      |                 | <u> </u> |       |       | 1       |         |   |                     |             |
| Remaining Le    | vel of Effort Actual Work Critical Remaining V   | Nork |        |             |             | Page    | 5 of 10 | )           |          |          |             | ТА    | SK filt | ter: Nr | otleve | el Of Ef | fort |                 |          |       |       |         |         |   |                     |             |
| Actual Level of | , and the second s |      |        |             |             | . ugo i |         | •           |          |          |             |       |         |         |        |          |      |                 |          |       |       |         |         |   | <ul><li>•</li></ul> | le Corpo    |

| y ID                                 | t Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name |                | % Comp   Start     | Finish    | WBS Sum  | imary<br>Fin |         |               |        |         |        | 2020       |           |        |        |          |     |      |     |       |             | 2021   |       | 10-D      | Dec-19 |
|--------------------------------------|---|----------------|--------------------|-----------|----------|--------------|---------|---------------|--------|---------|--------|------------|-----------|--------|--------|----------|-----|------|-----|-------|-------------|--------|-------|-----------|--------|
| y ID                                 |   | OD             |                    |           |          | Var. Nov D   | )ec .la | an Feb        | Mar    | Apr N   | /av .I |            | ul Aug    | Sep    | Oct    | Nov      | Dec | Jan  | Feb | Mar   | Apr M       |        |       | Aug S     | Sep    |
| Stanton Energy R                     | eliability Center - 12/01/2019                            | 325            | 68.72% 09-Nov-18 A | 30-May-20 | 253      |              |         |               | ivida. | 7.01    | ilay o |            |           | , 000  |        | 1.00     |     | ouri |     | iniai |             | uy our | - Oui | / tug   0 |        |
| Milestones                           |   |                | 67.6% 09-Nov-18A   |           | 0        | 22           |         |               |        |         |        |            |           |        |        | -        |     |      |     |       |             |        |       |           |        |
| Contract Milesto                     | nes   |                | 83.67% 09-Nov-18 A |           | 0        | 0            |         |               | •      |         | *      |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| Project Milestone                    | 95  |                | 66.67% 14-Jan-19 A |           |          | 22 ¦ 🗸       |         | ***           |        |         | ¥      | <b></b>    |           |        |        |          | -   |      |     |       | 1           |        |       |           |        |
| Payment Milesto                      |   |                | 65.65% 24-Dec-18 A |           |          |              |         |               |        |         | ٠      | $\diamond$ |           |        |        |          |     |      |     |       |             |        |       |           |        |
| Inclement Weathe                     |   |                | 100% 04-Mar-19A    |           |          | 150          |         |               | ~~     |         |        | ····       |           |        |        |          |     |      |     |       |             |        |       |           |        |
| Request for Inforn                   |   | 8              | 60% 06-Jun-19A     |           |          | -22          |         |               |        |         |        |            |           |        |        |          | -   |      |     |       | 1           |        |       |           |        |
| Supplemental Info                    |   | 4              | 20% 08-Oct-19A     |           | 351      | _            |         |               |        |         |        |            |           |        |        |          | -   |      |     |       |             |        |       |           |        |
| Engineering Cha                      |   | 4              | 20% 08-Oct-19 A    |           | 351      |              |         |               |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| PSC Daily Report                     |   | 4              | 100% 19-Nov-19 A   |           |          |              |         |               |        |         |        |            |           |        |        |          |     |      |     |       | 1<br>1<br>1 |        |       |           |        |
| Construction                         |   |                | 80.05% 04-Feb-19 A |           | 290      | -9           |         |               |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| Mobilization                         |   |                | 100% 04-Feb-19A    |           | 200      |              |         |               |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| Site Preparation                     |   | 193            |                    |           |          | 0            |         |               |        |         |        |            |           |        |        |          | -   |      |     |       |             |        |       |           |        |
| Vehicle Bridge                       |   | 193            |                    |           |          |              |         |               |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| UG Electrical                        |   |                | 90.88% 22-Mar-19 A |           | 331      |              |         | 1             |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| UG Piping                            |   |                | 76.32% 06-May-19 A |           | 318      |              |         |               |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| Foundations                          |   |                | 87.5% 06-Mar-19 A  |           |          |              |         |               |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| Structural Steel                     |   |                | 84.65% 05-Feb-19A  |           | 8        | -13          |         |               |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| Equipment Instal                     | ation   |                |                    |           | 306      |              |         | ╺             |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| Electrical Installa                  |   |                | 68.72% 20-May-19 A |           | 290      | 2            |         |               |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
|                                      |   |                | 66.11% 11-Apr-19 A |           |          |              |         |               |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| AG Piping<br>—<br>Painting & Insulat | in  |                | 73.11% 25-Jul-19 A |           |          | -10          |         |               |        |         |        |            |           |        |        |          | -   |      |     |       | 1           |        |       |           |        |
| Pre-Commissionir                     |   |                | 4.76% 27-Dec-19    | 21-Feb-20 | 55       | -2           |         |               |        |         |        |            |           |        |        |          | -   |      |     |       |             |        |       |           |        |
|                                      |   | 68             |                    |           | 33       | -9           |         |               |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| U2 Power Block I                     |   | 29             |                    | 12-Feb-20 | 4        |              |         |               |        |         |        |            |           |        |        |          |     |      |     |       | 1<br>1<br>1 |        |       |           |        |
| U1 Power Block I                     |   | 27             |                    | 17-Feb-20 | 2        | -2           |         | an an in' 💶 🖬 |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| System Turn Ove                      | r Packages  |                | 0% 04-Oct-19 A     |           |          | -9           |         |               | •      |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| Commissioning                        |   |                | 50.55% 29-Jul-19A  |           | 278      | -9           |         |               |        |         |        |            |           |        |        |          |     |      |     |       | 1           |        |       |           |        |
| U2 Power Block                       |   |                | 88.67% 29-Jul-19 A |           | 303      | 2            |         |               |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| U1 Power Block                       |   | 120            |                    |           | 303      | 2            |         |               | i i    |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
|                                      | sioning Packages  | 72             |                    |           | 25       |              |         |               |        | <b></b> |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| Demobilization                       |   | 77             |                    |           | 21       | 2            |         | L             |        |         |        |            |           |        |        |          | -   |      |     |       |             |        |       |           |        |
| Socal Gas Lin                        |   |                | 64.15% 19-Aug-19 A |           | 318      | 0            |         |               |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| SCG-1000                             | Mobilization  |                | 100% 19-Aug-19 A   | -         |          | 0            |         |               |        |         |        |            |           |        |        |          | -   |      |     |       | 1           |        |       |           |        |
| SCG-1010                             | Install 600' Of 12"                                       |                | 100% 26-Aug-19 A   | -         |          | 0            |         | _             |        |         |        |            |           |        |        | -        |     |      |     |       |             |        |       |           |        |
| SCG-1020                             | Install 1200' of 12"                                      | 60             |                    |           | 318      | 0            |         |               |        |         |        |            |           |        |        |          |     |      |     | ·     |             |        |       |           |        |
| SCG-1030                             | Testing   | 4              | 0% 20-Jan-20       | 27-Jan-20 | 318      | 0            |         |               |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| SCG-1040                             | Socal Gas Tie-In  | 4              | 0% 27-Jan-20       | 30-Jan-20 | 318      | 0            |         | ц<br>•        |        |         |        |            |           |        |        |          |     |      |     |       |             |        |       |           |        |
| SCG-1050                             | De-Mobilize   | 4              | 0% 30-Jan-20       | 06-Feb-20 | 318      | 0            |         |               |        |         |        |            |           |        |        |          |     |      |     | -     |             |        |       |           |        |
| Remaining L                          | evel of Effort Actual Work Critical                       | Remaining Work |                    |           | Page 6 o | f 10         |         |               |        |         |        | TAS        | K filter: | Not Le | vel Of | f Effort |     |      |     |       |             |        |       | Oracle    |        |

| YD                              | Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name    |           | % Comp Start       | Finish      | WBS Su | Fin      |     |                                       |       |       |                                       | 2020 |           |       |        |            |       |         |       |     | 2021    |     | 10-Dec          | c-19 15 |
|---------------------------------|--|-----------|--------------------|-------------|--------|----------|-----|---------------------------------------|-------|-------|---------------------------------------|------|-----------|-------|--------|------------|-------|---------|-------|-----|---------|-----|-----------------|---------|
| y ID                            | Activity Name  |           | % Comp Statt       |             |        | Var. Nov | Dec | Jan Fe                                | b Mar | Apr   | May Ju                                |      | ul Aug    | g Sep |        | t Nov [    | Dec J | lan Fel | b Mar | Apr | May Jun | Jul | Aug Sep         | p Oc    |
| SCE Interconne                  | ection Schedule  | 470       | 68.71% 07-Apr-17 A | 20-Aug-20   | 207    | 0        |     |                                       |       |       |                                       |      |           | 5 000 |        |            |       |         |       | ·   |         |     |                 |         |
|                                 | eliability Center Integrated Schedule (PIN# 8016) - Update | 470       | 68.71% 07-Apr-17 A | 20-Aug-20   | 207    | 0        |     |                                       |       |       |                                       |      |           |       | -      |            |       |         |       |     |         |     |                 |         |
| Project Manageme                | nt   | 358       | 100% 07-Apr-17 A   | 01-Feb-20   | 320    | 0        |     | <br>I<br>I<br>I                       | !     | {<br> |                                       |      |           |       | !      |            |       |         |       |     |         |     | <br>1<br>1<br>1 |         |
| 0110                            | PMWIF Issuance   | 0         | 100%               | 07-Apr-17 A |        | 0        |     |                                       |       |       |                                       |      |           |       | -      |            |       |         |       |     |         |     | 1               |         |
| 0115                            | PMWIF Acceptance   | 0         | 100%               | 14-Apr-17 A |        | 0        |     |                                       |       |       |                                       |      |           |       | -      |            |       |         |       |     |         |     |                 |         |
| 0100                            | Issue ATP  | 0         | 100%               | 20-Mar-18 A |        | 0        |     |                                       |       |       |                                       |      |           |       | -      |            |       |         |       |     |         |     |                 |         |
| 0120                            | Customer Final Design                                      | 10        | 100% 02-Jul-18 A   | 14-Dec-18 A |        | 0        |     |                                       |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| 0130                            | Substation Designs Complete                                | 0         | 100%               | 05-Feb-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| 0125                            | Issued Drawings to CDM                                     | 0         | 100%               | 10-Apr-19 A |        | 0        |     |                                       | 1     |       |                                       |      |           |       | -      |            |       |         |       |     |         |     | 1               |         |
| 0105                            | Approved OD  | 0         | 0%                 | 01-Feb-20*  | 0      | 0        |     | 8                                     |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| Customer Mileston               | es   | 230       | 100% 14-Dec-18 A   | 01-Nov-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       | -      |            |       |         |       |     |         |     | 1               | -       |
| 01205                           | Design Drawings Final                                      | 0         | 100%               | 14-Dec-18 A |        | 0        |     |                                       |       |       |                                       |      |           |       | -      |            |       |         |       |     |         |     |                 |         |
| 01210                           | UG 66kV Duck Construction Complete                         | 0         | 100%               | 01-May-19 A |        | 0        |     | · · · · · · · · · · · · · · · · · · · |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| 01215                           | 66kV Dead-End Rack Construction Complete                   | 0         | 100%               | 01-Jul-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| 01220                           | Diverse Fiber Duct Construction Complete                   | 0         | 100%               | 15-Aug-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       | 1      |            |       |         |       |     |         |     |                 |         |
| 01225                           | Control House Ready for SCE Telecom Cabinets               | 0         | 100%               | 01-Oct-19A  |        | 0        |     |                                       |       |       |                                       |      |           |       | -      |            |       |         |       |     |         |     |                 |         |
| 01230                           | Ready for In-Service Testing                               | 0         | 100%               | 01-Nov-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| Environmental                   |  | 150       | 100% 01-Aug-18A    | 31-May-19 A |        | 0        |     |                                       |       |       | //<br>                                |      |           |       |        |            |       |         |       |     |         | 44- |                 |         |
| 0355                            | Environmental Process                                      | 150       | 100% 01-Aug-18 A   | 31-May-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| Substation                      |  | 403       | 90.07% 25-Jan-18 A | 24-Jan-20   | 5      | 0        |     |                                       |       |       |                                       |      |           |       | -      |            |       |         |       |     |         |     | 1               |         |
| Mirage Substation               | 1  | 227       | 100% 14-May-18 A   | 13-Jun-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| Engineering                     |  | 130       | 100% 14-May-18 A   | 15-Apr-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       | -      |            |       |         |       |     |         |     |                 |         |
| 01005                           | Preliminary Engineering                                    | 50        | 100% 14-May-18 A   | 30-May-18 A |        | 0        |     | ·                                     |       |       | ///<br>/                              |      |           |       |        |            |       |         |       |     |         | 44- |                 |         |
| 01170                           | Final Engineering  | 80        | 100% 07-Aug-18 A   | 15-Apr-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| Construction                    | 1  | 34        | 100% 16-Apr-19 A   | 31-May-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       | -      |            |       |         |       |     |         |     |                 |         |
| 01015                           | UFLS Work Start  | 0         | 100% 16-Apr-19 A   |             |        | 0        |     |                                       |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| 01025                           | UFLS Work Finish   | 0         | 100%               | 31-May-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       | -      |            |       |         |       |     |         |     |                 |         |
| 01020                           | UFLS Work  | 34        | 100% 16-Apr-19 A   | 31-May-19 A |        | 0        |     |                                       |       |       | //<br> <br>                           |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| Commissioning                   |  | 10        | 100% 31-May-19 A   | 13-Jun-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| 01000                           | Test & In-Service  | 10        | 100% 31-May-19 A   | 13-Jun-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       | -      |            |       |         |       |     |         |     | -               |         |
| Distribution Upgra              | des at Barre Substation (SAP# 902360074)                   | 365       | 89.04% 14-May-18 A | 24-Jan-20   | 5      | 0        |     |                                       |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| Engineering                     |  | 145       | 100% 14-May-18 A   | 10-Apr-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       | -      |            |       |         |       |     |         |     | 1               |         |
| Preliminary Engi                | ineering   | 20        | 100% 14-May-18 A   | 30-May-18 A |        | 0        |     | · · · · · · · · · · · · · · · · · · · |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| 01030                           | Preliminary Engineering                                    | 20        | 100% 14-May-18 A   | 30-May-18 A |        | 0        |     |                                       |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     | 1               |         |
| Final Engineerin                | g / Design   | 145       | 100% 04-Sep-18 A   | 10-Apr-19 A |        | 0        |     |                                       |       |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| 01050                           | Final Engineering / Designs                                | 34        | 100% 17-Dec-18A    | 05-Feb-19 A |        | 0        |     |                                       | 1     |       |                                       |      |           |       | -      |            |       |         |       |     |         |     |                 |         |
| 01045                           | Structural Engineering / Design                            | 100       | 100% 04-Sep-18 A   | 05-Feb-19 A |        | 0        |     |                                       | -     |       | · · · · · · · · · · · · · · · · · · · |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| 01040                           | Civil Engineering / Design                                 | 47        | 100% 03-Dec-18A    | 05-Feb-19 A |        | 0        |     |                                       | 1     |       |                                       |      |           |       |        |            |       |         |       |     |         |     |                 |         |
| Remaining Le<br>Actual Level of |  | ning Work |                    |             | Page 7 | of 10    |     |                                       |       |       |                                       | TAS  | K filter: | Not L | evel C | Of Effort. |       |         |       |     |         | ©   | Oracle C        |         |

| )  | Vlaster Schedule (w/ARB Nov Sched) CEC/SCE                         |      | % Comp Start                         | Finish       | WBS Sun  | nmary<br>Fin. |       |     |             |     |       |        | 2020 |          |         |      |         |       |       |       |       |       | 2021    |       | 10-D   | Dec-19 | Э |
|--|--|------|--------------------------------------|--------------|----------|---------------|-------|-----|-------------|-----|-------|--------|------|----------|---------|------|---------|-------|-------|-------|-------|-------|---------|-------|--------|--------|---|
| ,  |  | 00   | Jo Comp Start                        |              |          | 14            | v Dec | Jan | Feb         | Mar | Apr I | May Ju |      |          | ugs     | Sep  | Oct     | lov D | ec Ja | an Fe | b Mar | Apr   | <br>Jun | Jul   | Aug S  | Sep    | - |
| 01035  | Electrical Engineering / Design                                    | 66   | 100% 18-Sep-18 A                     | 05-Feb-19 A  |          | 0             |       |     |             |     |       |        |      |          |         | - 1- |         |       |       |       | ai    | 1.161 |         |       |        |        |   |
| 01060  | Qualitiy Assurance Review  |      | 100% 06-Feb-19 A                     |              |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01255  | Issue Structural Steel Package to CDM (SAP# 902306533)             | 0    | 100%                                 | 28-Mar-19 A  |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01070  | QACorrections  | 25   | 100% 11-Mar-19 A                     | 10-Apr-19 A  |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01065  | Issue Completed Package to CDM                                     | 0    | 100%                                 | 10-Apr-19 A  |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       | <br>    |       |        |        | - |
| Procurement/Mat  |  |      | 100% 21-Nov-18 A                     | -            |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01100  | RE to Submit Major Material Order (CB)                             |      | 100%                                 | 21-Nov-18 A  |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01085  | Issue PO for Circuit Breaker                                       |      | 100%                                 | 03-Dec-18 A  |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01115  | CB Delivered   |      | 100%                                 | 30-Aug-19 A  |          | 0             |       |     |             |     |       | 1      |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01110  | Procurement / Material Delivery                                    | 125  |                                      | -            |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       | <br>    |       |        |        |   |
| Construction   |  |      | 79.89% 03-Jun-19 A                   | -            | 5        | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01270  | Summer Load and High Line Loading Period                           |      | 100% 03-Jun-19 A                     |              |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01275  | Outage Request   |      | 100% 28-Oct-19A                      |              |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01273  | Construction Start   |      | 100% 19-Nov-19A                      | 10 110121074 |          | _1            |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01280  | 3ABank in Position 10 Offline                                      | 0    |                                      | 20-Nov-19 A  |          | -2            |       |     | <br>  -<br> |     |       |        |      |          |         |      |         |       |       |       |       |       | <br>    | ;<br> |        |        | - |
| 01260  | Install Structural Steel for 66kV Switchrack Position# 10 (        | 20   |                                      | 13-Dec-19    | 30       | •             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01165  | Construction Finish  | 0    | 0%                                   | 17-Jan-20    | 5        | 0             |       | •   |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01075  | Built and Test Position 11   | 45   | 22.22% 19-Nov-19 A                   |              | 5        | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| Commissioning  |  |      | 0% 20-Jan-20                         | 24-Jan-20    | 5        |               |       | -   |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01080  | Test & In-Service  | 5    | 0% 20-Jan-20                         | 24-Jan-20    | 5        | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       | <br>    |       |        |        |   |
|  | cilities at Barre Substation (SAP# 902360075)                      | 388  | B9.69% 25-Jan-18 A                   |              | 5        | 0             |       | •   |             |     |       |        |      |          |         |      |         |       |       |       |       | 1     |         |       |        |        |   |
| Engineering  |  |      | 100% 25-Jan-18 A                     |              |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| Preliminary Engin  | neering (  |      | 100% 25-Jan-18A                      |              |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01090  | Preliminary Engineering  |      | 100% 25-Jan-18A                      |              |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| Final Engineering  |  |      | 100% 04-Sep-18 A                     |              |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       | <br>    |       |        |        | - |
|  |  |      | -                                    |              |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01105<br>01095   | Structural Engineering / Design<br>Electrical Engineering / Design |      | 100% 04-Sep-18 A<br>100% 18-Sep-18 A |              |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
|  |  |      | 100% 18-Sep-18 A                     |              |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01125  | Issue Completed Package to CDM                                     |      |                                      | 10-Apr-19 A  |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01120  | Quality Assurance & QA Corrections                                 |      | 100% 06-Feb-19 A                     | -            |          | 0             |       |     |             |     |       |        |      |          | ·       |      |         |       |       |       |       |       | <br>    | 44    |        |        | - |
| 01130<br>Procurement/Mat                                   | Relay Settings (OD43)  |      | 100% 16-Sep-19 A                     |              |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01135  | Procurement / Materials Delivery                                   |      | 100% 15-Apr-19 A<br>100% 15-Apr-19 A |              |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| Construction   | Procurement / Materials Delivery                                   |      |                                      |              |          | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| _  | Construction Start   |      | 41.67% 29-Oct-19 A                   | 17-Jan-20    | 5        | 0             |       |     |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01140  |  | 0    | 100% 29-Oct-19 A                     | 47 Jan 20    |          |               |       | •   |             |     |       |        |      |          |         |      |         |       |       |       |       |       | <br>    |       |        |        | - |
| 01150  | Construction Finish  | 0    | 0%                                   | 17-Jan-20    | 5        | 0             |       | \$  |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01145  | Construction Duration  | 60   | 41.67% 29-Oct-19 A                   |              | 5        | 0             |       | -   |             |     |       |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| Commissioning  | Test 8 In Ospice   | 5    | 0% 20-Jan-20                         | 24-Jan-20    | 5        | 0             |       |     |             |     | 1     |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        |   |
| 01155  | Test & In-Service  | 5    | 0% 20-Jan-20                         | 24-Jan-20    | 5        | 0             |       |     |             |     | -     |        |      |          |         |      |         |       |       |       |       |       |         |       |        |        | - |
| <ul> <li>Remaining Lev</li> <li>Actual Level of</li> </ul> | -  | Vork |                                      |              | Page 8 c | of 10         |       |     |             |     |       |        | TAS  | SK filte | er: Not | Leve | l Of Ef | fort. |       |       |       |       |         |       | Oracle |        |   |

|                 | ect Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name |              | % Comp         | Start       | Finish      |        | Fin.    | ,           |                      |         |                        | 2020 |          |          |         |       |       |        |            | 2021          |        | 10-Dec  | -191 |
|-----------------|---|--------------|----------------|-------------|-------------|--------|---------|-------------|----------------------|---------|------------------------|------|----------|----------|---------|-------|-------|--------|------------|---------------|--------|---------|------|
|                 |   |              | 70 Comp        | Juan        |             |        | Var.    | Nov Dec Jan | Feb Ma               | r Apr   |                        |      | Aug      | Sep      | Oct No  | v Dec | Jan F | eb Mar | Apr        |               | Jul /  | Aug Sep | 0 0  |
| Sub Transmissio | on / Gen-Tie  | 350          | 92.86%         | 02-Jul-18 A | 03-Jan-20   | 15     | 0       |             |                      |         |                        |      | 1        |          |         |       |       |        |            |               |        |         |      |
| 01175           | Preliminary Engineering                                     | 80           | 100%           | 02-Jul-18 A | 02-Jan-19 A |        | 0       |             |                      |         | <br>                   |      |          |          |         |       |       |        |            |               | i-<br> |         |      |
| 01180           | Final Engineering   | 72           | 100%           | 03-Jan-19 A | 12-Apr-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        | 1          |               |        |         |      |
| 01185           | Procurement & Material Delivery                             | 81           | 100%           | 10-May-19 A | 30-Aug-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 01200           | Civil Bidding   | 35           | 100%           | 16-Aug-19 A | 18-Oct-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 01265           | Civil Work  | 15           | 100%           | 21-Oct-19 A | 08-Nov-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        | -          |               |        |         |      |
| 01285           | Turnover Of Skip To SCE                                     | 0            | 100%           |             | 29-Nov-19 A |        | 0       | 8           |                      |         | <br>                   |      |          |          |         |       |       |        |            |               |        |         |      |
| 01190           | Cable Installation Work                                     | 15           | 6.67%          | 29-Nov-19 A | 19-Dec-19   | 16     | 0       |             |                      |         |                        |      |          |          |         |       |       |        | 1          |               |        |         |      |
| 01290           | Perform Terminations At Skip                                | 5            | 0%             | 20-Dec-19   | 26-Dec-19   | 16     | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 01195           | Testing/Commissioning                                       | 5            | 0%             | 30-Dec-19   | 03-Jan-20   | 15     | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| TransTelecom    |   | 233          | B7.12%         | 20-Feb-19 A | 10-Jan-20   | 15     | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| Barre Substatio | n   | 233          | <b>B7.12%</b>  | 20-Feb-19 A | 10-Jan-20   | 15     | 0       |             | -    <br>       <br> |         | <br>     <br>          |      |          |          |         |       |       |        |            | <br>     <br> |        |         |      |
| 01235           | Designs / Engineering                                       | 72           | 100%           | 20-Feb-19 A | 30-May-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 01240           | Procurement & Materials Delivery                            | 48           | 100%           | 18-Jun-19 A | 22-Aug-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 01245           | Trans Telecom Work at Barre Substation                      | 20           | 50%            | 19-Nov-19 A | 13-Dec-19   | 15     | 0       |             |                      |         |                        |      |          |          |         |       |       |        | -          |               |        |         |      |
| 01250           | Installation Testing  | 10           | 0%             | 30-Dec-19   | 10-Jan-20   | 15     | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| Skip Substation |   | 233          | 87.12%         | 20-Feb-19 A | 10-Jan-20   | 15     | 0       |             |                      |         | <br>     <br>          |      |          |          |         |       |       |        | <br>!<br>! |               |        |         |      |
| 9120            | Designs / Engineering                                       | 72           | 100%           | 20-Feb-19 A | 30-May-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 9125            | Procurement & Materials Delivery                            | 48           | 100%           | 18-Jun-19 A | 22-Aug-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 9130            | Trans Telecom Work at Skip Substation                       | 20           | 5%             | 29-Nov-19 A | 26-Dec-19   | 16     | -1      |             |                      |         |                        |      |          |          |         |       |       |        | -          |               |        |         |      |
| 9135            | Installation Testing  | 10           | 0%             | 30-Dec-19   | 10-Jan-20   | 15     | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| IT/Telecom      |   | 293          | <b>B9.76%</b>  | 19-Nov-18 A | 10-Jan-20   | 15     | 0       |             |                      |         | <br>     <br>          |      |          |          |         |       |       |        |            |               |        |         |      |
| Barre Substatio | ท   | 293          | 93.17%         | 19-Nov-18 A | 10-Jan-20   | 15     | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 9020            | Preliminary Engineering                                     | 60           | 100%           | 19-Nov-18 A | 15-Feb-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        | -          |               |        |         |      |
| 9025            | Final Engineering   | 65           | 100%           | 18-Feb-19 A | 21-May-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 9030            | Procurement & Material Delivery                             | 90           | 100%           | 22-May-19 A | 15-Oct-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 9035            | IT/Telecom Installation at Barre Substation                 | 10           | 0%             | 16-Dec-19   | 27-Dec-19   | 15     | 0       |             |                      |         | <br>     <br>     <br> |      |          |          |         |       |       |        |            |               |        |         |      |
| 9060            | Installation Testing  | 10           | 0%             | 30-Dec-19   | 10-Jan-20   | 15     | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| Skip Substation |   | 293          | 8 <b>9.76%</b> | 19-Nov-18 A | 10-Jan-20   | 15     | 0       |             |                      |         |                        |      |          |          |         |       |       |        | -          |               |        |         |      |
| 9070            | Preliminary Engineering                                     | 60           | 100%           | 19-Nov-18 A | 15-Feb-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 9075            | Final Engineering   | 65           | 100%           | 18-Feb-19 A | 21-May-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 9080            | Procurement & Material Delivery                             | 90           | 100%           | 22-May-19 A | 24-Sep-19 A |        | 0       |             |                      |         | <br>     <br>          |      |          |          |         |       |       |        |            |               |        |         |      |
| 9085            | IT/Telecom Installation at Skip Substation                  | 10           | 0%             | 02-Dec-19*  | 13-Dec-19   | 11     | -2      |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 9090            | Installation Testing  | 10           | 0%             | 30-Dec-19   | 10-Jan-20   | 15     | 0       |             |                      |         |                        |      |          |          |         |       |       |        | -          |               |        |         |      |
| PSC             |   | 237          | 85.65%         | 20-Feb-19 A | 16-Jan-20   | 11     | -1      |             |                      |         |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| Barre Substatio | n   | 237          | 95.78%         | 20-Feb-19 A | 16-Jan-20   | 11     | -1      |             |                      |         |                        |      |          |          |         |       |       |        | 1          |               |        |         |      |
| 9040            | Preliminary Engineering                                     | 60           | 100%           | 20-Feb-19 A | 14-May-19 A |        | 0       |             |                      | = = = = |                        |      |          |          |         |       |       |        |            |               |        |         |      |
| 9045            | Final Engineering   | 65           | 100%           | 15-May-19 A | 13-Aug-19 A |        | 0       |             |                      |         |                        |      |          |          |         |       |       |        | 1          |               |        |         | 1    |
|                 |   |              |                |             |             |        |         |             | ·                    |         |                        |      |          |          |         |       |       | -      |            |               | · · ·  | -       |      |
| Remaining       | Level of Effort Critical Re                                 | maining Work |                |             |             | Page 9 | 9 of 10 |             |                      |         |                        | TASK | filtor I | Not Leve | Of Effo | rt    |       |        |            |               |        |         |      |

| Object     U     Object     Ju     Object     Ju  |            | Activity Name                           | OD | % Con | np Start      | Finish     |     | Fin. |          |             |     |                  |     |           |     | 20  |   |      |     |                  |    |     |    |    |     |    |    |     |      |    |     | 202  |    |     |   |    |     |             |
|--|------------|---|----|-------|---------------|------------|-----|------|----------|-------------|-----|------------------|-----|-----------|-----|-----|---|------|-----|------------------|----|-----|----|----|-----|----|----|-----|------|----|-----|------|----|-----|---|----|-----|-------------|
| Skip Statistion       237       255.5%       20-Feb-19A       16-Jan-20       11       -1         9095       Preliminary Engineering       60       100%       20-Feb-19A       14-Jan-19A       0         9100       Final Engineering       60       100%       15-May-19A       13-Jaug-19A       0         9105       Procummerat & Material Delivery       60       100%       14-Jau-20       11       -1         9110       PSC Installation at Skip Substation       25       4%       29-Nov-19A       02-Jan-20       11       -1         9115       Test & In-Service       10       0%       32-Jan-20       11       -1         9015       Issue Authorization To Close (ATC)       0       0%       20-May-20*       0       0         9015       Issue Authorization To Close (ATC)       0       0%       20-May-20*       0       0       0         9155       Deschadula       15-01%       10-Nov-19A       16-Age-20       27       0       0         9255       Construction (Foundations)       4       75%       01-Nov-19A       02-Jan-20       224       0       0         BESS-2010       Construction (Foundations)       4       0%       19-Dec-   |            |   |    |       |               |            |     |      | ov Dec   | _           | Feb | Mar              | Apr | May       | Jun | Jul | A | ug S | Sep | 00               | ct | Nov | De | ec | Jan | Fe | eb | Mar | A    | pr | Мау | y Ji | un | Jul | A | gı | Sep | (           |
| 9095       Preliminary Engineering       60       100%       20-Feb-19A       14-May-19A       0         9100       Final Engineering       65       100%       15-May-19A       13-May-19A       0       0         9105       Procurement & Matorial Delivery       50       100%       14-May-19A       0       0       1       -         9110       PSC Installation at Skip Substation       25       4%       29-May-20       0       1       -   |            |   |    |       |               |            |     |      |          |             |     | <br> <br> <br>   |     | 1         |     |     |   |      |     |                  |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| 9100       Final Engineering       65       100%       15-May-19 A       13-Aug-19 A       1         9105       Procurment & Material Delivery       50       100%       14-Aug-19 A       0.20 an-20       1       1         9110       PSC Installation at Skip Substation       25       4%       29-Mov-19 A       0.20 an-20       1       1         9115       Test & In-Service       0       0       00,3 an-20       16-Jan-20       1       1         ProjectCloseout       6       0%       20-May-20       20-Aug-20       0       0         9015       Issue Authorization To Close (ATC)       0       0%       20-May-20*       0       0         9016       Work Order Close-Out Complete (FAOC)       0       0%       20-Aug-20*       0       0         9285S-2000       Construction (Foundations)       4       75%       01-Nov-19A       16-Jan-20*       224       0         9285S-2010       Construction (Foundations)       4       75%       01-Nov-19A       10-Jan-20*       224       0         9285S-2030       BESS Equipment Delivered To Stee       0       0%       24-Feb-20       224       0       0         9285S-2030       EGS Substantial Completion  |            |   |    |       |               |            | 11  |      |          |             |     | 1<br>1<br>1      |     | 1         |     |     |   |      |     | 1                |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| 9105       Procurement & Material Delivery       50       100%       14-Aug-19A       07-Nov-19A       1       1         9110       PSC Installation at Skip Substation       25       4%       29-Nov-19A       10       1       1         9115       Test & In-Service       10       0%       03-Jan-20       11       1         ProjectCossout       6       0%       20-May-20       0       0       0         9015       Issue Authorization To Close (ATC)       0       0%       20-Aug-20       0       0         9015       Issue Authorization To Close (ATC)       0       0%       20-Aug-20       0       0         9015       Store Authorization To Close (ATC)       0       0%       20-Aug-20       0       0         9016       Work Order Close-Out Complete (FAOC)       0       0%       20-Aug-20       78       0         9ESS 2000       Construction (Superstructure)       4       0%       08-Dec-19       124       0         9ESS 2020       Equipment Delivered To Site       0       0%       24-Feb-20       224       0         9ESS 2030       ESS Testing & Commissioning       4       0%       24-Feb-20       224       0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td> <br/> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>,<br/>,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>   |            |   |    |       |               | -          |     |      |          |             |     | <br>             |     |           |     |     |   |      |     | ,<br>,           |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| 9110       PSC Installation at Skip Substation       25       44       29-Nov-19A       02-Jan-20       11       -1         9115       Test & In-Service       10       0%       03-Jan-20       11       -1         Project Clossout  |            |   |    |       |               | -          |     |      |          |             |     | 1<br>1<br>1<br>1 |     |           |     |     |   |      |     | ,<br>,<br>,      |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| 9115       Test & In-Service       10       0%       03-Jan-20       16-Jan-20       11       -1         Project Cosseaut       66       0%       20-May-20       0       0         9015       Issue Authorization To Close (ATC)       0       0%       20-May-20*       0       0         9010       Work Order Close-Out Complete (FAOC)       0       0%       20-May-20*       0       0         SSS Construction Schedule       91       1501%       01-Nov19A       18-Apr-20       78       0         ESS-2010       Construction (Superstructure)       4       0%       03-Dec-19       224       0         ESS-2030       BESS Testing & Commissioning       4       0%       03-Dec-19       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       03-Dec-19       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       04-Jan-20       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       24-Mar-20       224       0         ESS-2040       ESS Substantial Completion Target       0       0%       25-Mar-20       224       0         ESS-2040   |            | -                                       |    |       |               |            |     |      |          | -           |     | 1<br>1<br>1      |     |           |     |     |   |      |     | 1                |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| Import Closeout       66       0%       20-May-20       0<   |            | -                                       |    |       |               |            |     |      |          |             |     | 1<br>1<br>1      |     | 1         |     |     |   |      |     | 1                |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| 9015       Issue Authorization To Close (ATC)       0       0%       20-May-20*       0       0         9010       Work Order Close-Out Complete (FAOC)       0       0%       20-Aug-20*       0       0         SSS Construction Schedule       91       15.01%       01-Nov-19A       16-Apr-20       278       0         ESS-2000       Construction (Superstructure)       4       75%       01-Nov-19A       03-Dec-19       224       0         ESS-2010       Construction (Superstructure)       4       0%       03-Dec-19       224       0         ESS-2020       Equipment Installation       4       0%       19-Dec-19       224       0         ESS-2030       BESS Testing & Commissioning       4       0%       19-Dec-19       21-An-20       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       19-Dec-19       21-An-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       24-Feb-20       244       0       24-Feb-20       224       0         ESS-2060       ESS Substantial Completorin Target       0       0%       25-Mar-20       224       0       25-Mar-20       224       0 <t< td=""><td></td><td>Test &amp; In-Service</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>,<br/>,<br/>,<br/>,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>   |            | Test & In-Service                       |    |       |               |            |     |      |          |             |     | ,<br>,<br>,<br>, |     |           |     |     |   |      |     |                  |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| 9010       Work Order Close-Out Complete (FAOC)       0       0       0       0       0         ESS Construction Schedule       91       15.01%       01-Nov-19A       16-Apr-20       278       0         ESS-2000       Construction (Foundations)       4       75%       01-Nov-19A       03-Dec-19       224       0         ESS-2010       Construction (Superstructure)       4       0%       03-Dec-19       19-Dec-19       224       0         ESS-2020       Equipment Delivered To Site       0       0%       06-Jan-20'       239       0         ESS-2020       Equipment Installation       4       0%       19-Dec-19       31-Jan-20       224       0         ESS-2030       BESS Testing & Commissioning       4       0%       11-Jan-20       224       0         ESS-2040       BESS Costing & Commissioning       4       0%       24-Feb-20       224       0       0         ESS-2050       EGT Testing & Commissioning       4       0%       25-Mar-20       224       0       0       25-Mar-20       224       0       0       \$       5       5       0       \$       5       5       0       \$       5       5       0       \$ <td>-</td> <td></td> <td>66</td> <td></td> <td>-</td> <td>-</td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td>,<br/>,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>,<br/>,<br/>,</td> <td></td> <td>;</td> <td></td> <td>-<br/>-<br/>-</td>  | -          |   | 66 |       | -             | -          |     | 0    |          |             |     | ,<br>,           |     |           |     |     |   |      |     | ,<br>,<br>,      |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   | ;  |     | -<br>-<br>- |
| ESS Construction Schedule       91       15.01%       01-Nov-19A       16-Apr-20       278       0         ESS-2000       Construction (Foundations)       4       75%       01-Nov-19A       03-Dec-19       224       0         ESS-2010       Construction (Superstructure)       4       0%       03-Dec-19       19-Dec-19       224       0         ESS-2030       BESS Equipment Delivered To Site       0       0%       06-Jan-20*       239       0         ESS-2020       Equipment Installation       4       0%       19-Dec-19       31-Jan-20       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       31-Jan-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       21-Jan-20       224       0         ESS-2060       ESS Substantial Completion Target       0       0%       25-Mar-20       224       0         ESS-2070       SCS Software Delivered       0       0%       25-Mar-20       224       0         ESS-2080       EGT Substantial Completion Target (COD)       0       0%       21-Mar-20       224       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0  |            |   | 0  |       |               | -          | 0   | 0    |          |             |     | 1<br>1<br>1<br>1 |     | 8         |     |     |   |      |     | 1                |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| SS-2000       Construction (Foundations)       4       75%       01-Nov-19A       03-Dec-19       224       0         SS-2010       Construction (Superstructure)       4       0%       03-Dec-19       19-Dec-19       224       0         SS-2030       BESS Equipment Delivered To Site       0       0%       0-Gan-20*       238       0         SS-2030       Equipment Installation       4       0%       19-Dec-19       31-Jan-20       224       0         SS-2040       BESS Testing & Commissioning       4       0%       19-Dec-19       31-Jan-20       224       0         SS-2050       EGT Testing & Commissioning       4       0%       31-Jan-20       24-Feb-20       224       0         SS-2050       EGT Testing & Commissioning       4       0%       24-Feb-20       244       0       0         SS-2050       EGS Substantial Completion Target       0       %       25-Mar-20       224       0       0       0       25-Mar-20       24-Feb-20       2   |            |   |    |       |               |            |     | 0    |          |             |     | 1<br>1<br>1<br>1 |     |           |     |     |   | 8    |     | ,<br>,<br>,      |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| ESS-2010       Construction (Superstructure)       4       0%       03-Dec-19       19-Dec-19       224       0         ESS-2030       BESS Equipment Delivered To Site       0       0%       06-Jan-20°       223       0         ESS-2030       Equipment Installation       4       0%       19-Dec-19       31-Jan-20       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       19-Dec-19       31-Jan-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       31-Jan-20       24-Feb-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       24-Feb-20       24-Mar-20       224       0         ESS-2050       EGS Substantial Completion Target       0       0%       25-Mar-20       24-Mar-20       224       0         ESS-2070       SCS Software Delivered       0       0%       25-Mar-20       24-Mar-20       224       0         ESS-2080       EGT Comissioning and Trial Test Runs       4       0%       25-Mar-20       31-Mar-20       224       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0%       01-Apr-20       274       0 <td>SS Constru</td> <td></td> <td>91</td> <td>15.01</td> <td>% 01-Nov-19 A</td> <td>16-Apr-20</td> <td>278</td> <td>0</td> <td></td> | SS Constru |   | 91 | 15.01 | % 01-Nov-19 A | 16-Apr-20  | 278 | 0    |          |             |     |                  |     |           |     |     |   |      |     |                  |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| ESS-2030       BESS Equipment Delivered To Site       0       0%       06-Jan-20*       239       0         ESS-2020       Equipment Installation       4       0%       19-Dec-19       31-Jan-20       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       31-Jan-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       24-Feb-20       244       0         ESS-2060       ESS substantial Completion Target       0       0%       24-Feb-20       224       0         ESS-2070       SCS Software Delivered       0       0%       25-Mar-20       224       0         ESS-2080       EGT Comissioning and Trial Test Runs       4       0%       21-Mar-20       224       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0%       21-Mar-20       224       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0%       01-Apr-20       224       0         ESS-2100       O&M Staff Training By GE       4       0%       01-Apr-20       274       0         ESS-2110       As Builts       4       0%       01-Apr-20       278       0   | ESS-2000   | Construction (Foundations)              | 4  | 75    | % 01-Nov-19 A | 03-Dec-19  | 224 | 0    | <b>-</b> |             |     | 1<br>1<br>1      |     |           |     |     |   |      |     | 1                |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| Equipment Installation       4       0%       19-Dec-19       31-Jan-20       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       31-Jan-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       24-Feb-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       24-Feb-20       24-4       0         ESS-2050       ESS Substantial Completion Target       0       0%       25-Mar-20       24-4       0         ESS-2070       SCS Software Delivered       0       0%       25-Mar-20       214-7       0         ESS-2080       EGT Comissioning and Trial Test Runs       4       0%       21-Apr-20       214-7       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0%       01-Apr-20       214-7       0         ESS-2010       O&M Staff Training By GE       4       0%       01-Apr-20       09-Apr-20       278-7       0         ESS-2110       As Builts       4       0%       01-Apr-20       16-Apr-20       278-7       0  | ESS-2010   | Construction (Superstructure)           | 4  | 0     | % 03-Dec-19   | 19-Dec-19  | 224 | 0    |          |             |     | <br> <br> <br>   |     | <br> <br> |     |     |   |      |     | ,<br>,<br>,<br>, |    |     |    | ;  |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| ESS 2040BESS Testing & Commissioning40%31-Jan-2024-Feb-202240ESS 2050EGT Testing & Commissioning40%24-Feb-2024-Mar-202240ESS 2050ESS Substantial Completion Target00%25-Mar-2024-0ESS 2070SCS Software Delivered00%25-Mar-202240ESS 2080EGT Comissioning and Trial Test Runs40%25-Mar-202140ESS 2090EGT Substantial Completion Target (COD)00%01-Apr-202140ESS 2100O&M Staff Training By GE40%01-Apr-2009-Apr-202780ESS 2110As Builts40%01-Apr-2016-Apr-202780   | SS-2030    | BESS Equipment Delivered To Site        | 0  | 0     | %             | 06-Jan-20* | 239 | 0    | -        | \$          |     | ,                |     |           |     |     |   |      |     | ,<br>1<br>1<br>1 |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| ESS-2050EGT Testing & Commissioning40%24-Feb-2024-Mar-202240ESS-2060ESS Substantial Completion Target00%25-Mar-202240ESS-2070SCS Software Delivered00%25-Mar-202240ESS-2080EGT Comissioning and Trial Test Runs40%25-Mar-2031-Mar-202240ESS-2090EGT Substantial Completion Target (COD)00%01-Apr-202240ESS-2100O&M Staff Training By GE40%01-Apr-2009-Apr-202780ESS-2110As Builts40%01-Apr-2016-Apr-202780   | -SS-2020   | Equipment Installation                  | 4  | 0     | % 19-Dec-19   | 31-Jan-20  | 224 | 0    |          | -<br>-<br>- |     | 1<br>1<br>1      |     |           |     |     |   |      |     |                  |    |     | -  |    |     |    |    |     |      |    |     |      | 1  |     |   |    |     |             |
| ESS-2060ESS Substantial Completion Target00%25-Mar-202240ESS-2070SCS Software Delivered00%25-Mar-202240ESS-2080EGT Comissioning and Trial Test Runs40%25-Mar-2031-Mar-202240ESS-2090EGT Substantial Completion Target (COD)00%01-Apr-202240ESS-2100O&M Staff Training By GE40%01-Apr-202780ESS-2110As Builts40%01-Apr-202780   | SS-2040    | BESS Testing & Commissioning            | 4  | 0     | % 31-Jan-20   | 24-Feb-20  | 224 | 0    |          |             |     | 1<br>1<br>1      |     |           |     |     |   |      |     |                  |    |     |    |    |     |    |    |     |      |    |     |      | 1  |     |   |    |     |             |
| ESS-2070       SCS Software Delivered       0       0%       25-Mar-20       224       0         ESS-2080       EGT Comissioning and Trial Test Runs       4       0%       25-Mar-20       31-Mar-20       224       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0%       01-Apr-20       224       0         ESS-2100       O&M Staff Training By GE       4       0%       01-Apr-20       09-Apr-20       278       0         ESS-2110       As Builts       4       0%       01-Apr-20       278       0   | ESS-2050   | EGT Testing & Commissioning             | 4  | 0     | % 24-Feb-20   | 24-Mar-20  | 224 | 0    |          |             |     | <u></u>          |     |           |     |     |   |      |     | ,<br>,<br>,      |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| ESS-2080       EGT Comissioning and Trial Test Runs       4       0%       25-Mar-20       31-Mar-20       224       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0%       01-Apr-20       224       0         ESS-2100       O&M Staff Training By GE       4       0%       01-Apr-20       09-Apr-20       278       0         ESS-2110       As Builts       4       0%       01-Apr-20       16-Apr-20       278       0  | ESS-2060   | ESS Substantial Completion Target       | 0  | 0     | % 25-Mar-20   |            | 224 | 0    |          |             |     | \$               |     | 1         |     |     |   |      |     | 1                |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| ESS-2090       EGT Substantial Completion Target (COD)       0       0%       01-Apr-20       224       0         ESS-2100       O&M Staff Training By GE       4       0%       01-Apr-20       09-Apr-20       278       0         ESS-2110       As Builts       4       0%       01-Apr-20       16-Apr-20       278       0   | ESS-2070   | SCS Software Delivered                  | 0  | 0     | % 25-Mar-20   |            | 224 | 0    |          |             |     | \$               |     |           |     |     |   |      |     |                  |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| ESS-2100         O&M Staff Training By GE         4         0%         01-Apr-20         09-Apr-20         278         0           ESS-2110         As Builts         4         0%         01-Apr-20         16-Apr-20         278         0   | ESS-2080   | EGT Comissioning and Trial Test Runs    | 4  | 0     | % 25-Mar-20   | 31-Mar-20  | 224 | 0    |          |             |     |                  |     |           |     |     |   |      |     | ,<br>,<br>,      |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
| ESS-2110 As Builts 4 0% 01-Apr-20 16-Apr-20 278 0  | ESS-2090   | EGT Substantial Completion Target (COD) | 0  | 0     | % 01-Apr-20   |            | 224 | 0    |          |             |     |                  | 8   |           |     |     |   |      |     | 1                |    |     |    |    |     | 1  |    |     |      |    |     |      |    |     |   |    |     |             |
| ESS-2110 As Builts 4 0% 01-Apr-20 16-Apr-20 278 0  | ESS-2100   | O&M Staff Training By GE                | 4  | 0     | % 01-Apr-20   | 09-Apr-20  | 278 | 0    |          |             |     |                  |     |           |     |     |   |      |     |                  |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
|  | ESS-2110   | As Builts                               | 4  | 0     | % 01-Apr-20   | 16-Apr-20  | 278 | 0    |          |             |     |                  |     |           |     |     |   |      |     | <br> <br> <br>   |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |
|  | ESS-2120   | Final Completion Target                 | 0  | 0     | % 16-Apr-20   |            | 278 | 0    |          |             |     |                  | 1   |           |     |     |   |      |     |                  |    |     |    |    |     |    |    |     | <br> |    |     |      |    |     |   |    |     | 1           |
|  |            |   |    |       |               |            |     |      |          |             |     |                  |     |           |     |     |   |      |     |                  |    |     |    |    |     |    |    |     |      |    |     |      |    |     |   |    |     |             |

Attachment 2 – COM-5 Compliance Matrix

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| А                    | T     | в      | C       | D  | F  | F   | G  | н         | I 1                   | I 1 I   | к                    | 1                                 | м                           | N                   | 0                        | Р                       | 0                            | R                                   | S                                     | т                    | U                       |
|----------------------|-------|--------|---------|--|--|---|--|-----------|-----------------------|---|----------------------|-----------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 Stant              | on Ei | nergy  | Reliab  | ility Center Compliance Matrix (16-  | AFC-01)  |   |  |           |                       |   |                      |                                   | CBO Color Code:             |                     | Pre- Construction        |                         |                              |                                     |                                       |                      |                         |
| 2 All Pha            |       |        |         |  |  | 1   | 1  | 6/30/2040 |                       |   |                      |                                   |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 3                    |       |        |         |  |  | Based on Final (  |  |           |                       |   |                      |                                   |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4                    |       |        |         | Revised 4/30/2019  |  | Based on Final S  | Staff Assessment   |           |                       |   |                      |                                   |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
| Technica<br>Resource |       | nd. #  | Phase   | Description  | Verification/Action/Submittal  | Submittal   | Date Submittal is<br>Required  | Due Date  | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) [ | Date Approved by CPN | Condition Amended?<br>I Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| AQ                   | AQ    | ŀ-A1.a | COM/OPS | Monthly Emissions Limits - See Decision for specific<br>emission limits by pollutant (NOX, CO, VOC, PM10,<br>PM2.5, SOX). See Decision AQ-A1 also for rules<br>regarding the for commencement of operation. See<br><b>Decision</b> for rules on emissions calculations during the<br>transition from Commissioning to Operation. | The turbine shall not commence<br>with normal operation until the<br>commissioning process has been<br>completed. Normal operation<br>commences when the turbine is<br>able to supply electrical energy to<br>the power grid as required under<br>contract with the relevant entities<br>The SCAQMD shall be notified in<br>writing once the commissioning<br>process for each turbine is<br>completed.  |   | When commissioning<br>is complete  | 3/26/2020 |                       | Not Started   |                      |                                   |                             |                     |                          |                         | SCAQMD                       |                                     |                                       | SERC                 | DSR                     |
| 7 AQ                 | AQ    | ŀ-A1.b | COM/OPS | Monthly Emissions Limits - See Decision for specific<br>emission limits by pollutant (NOX, CO, VOC, PM10,<br>PM2.5, SOX). See Decision AC-A1 also for rules<br>regarding the for commencement of operation. See<br>Decision for rules on emissions calculations during the<br>transition from Commissioning to Operation.        | The project owner shall provide<br>emissions summary data in<br>compliance with his condition as<br>part of the Quarterly Operation<br>reports (AQ-SC7).   | The project owner<br>shall provide<br>emissions summary<br>data in compliance<br>with his condition as<br>part of the Quarterly<br>Operation Reports (AC<br>SC7). | Quarterly, no later<br>than 30 days<br>following the end of<br>each calendar quarter | Quarterly |                       | Not Started   |                      |                                   |                             |                     |                          |                         | SCAQMD                       |                                     |                                       | SERC                 | DSR                     |
| 8 AQ                 | AQ    | }-A1.c | OPS     | Monthly Emissions Limits - See Decision for specific<br>emission limits by pollutant (NOX, CO, VOC, PM10,<br>PM2.5, SOX). See Decision AC-A1 also for rules<br>regarding the for commencement of operation. See<br><b>Decision</b> for rules on emissions calculations during the<br>transition from Commissioning to Operation. | The records shall be maintained<br>for a minimum of 5 years in a<br>manner approved by SCAQMD.<br>The records shall include, but not<br>be limited to, natural gas usage in<br>a calendar month and automated<br>monthly and annual calculated<br>emissions. [RULE 1303(a)(1)-BACT<br>5-10-1996; RULE 1303(a)(1)-BACT<br>12-6-2002] [Devices subject to this<br>condition: D1, D7]   | Maintain for a<br>minimum of 5 years  | N/A  | N/A       |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 9 AQ                 | AC    | Q-A2   | OPS     | Annual Emissions Limits - See Decision for specific<br>emission limits by pollutant (NOX, CO, VOC, PM10,<br>PM2.5, SOX). See Decision AQ-A1 also for rules<br>regarding the for commencement of operation. See<br>Decision for rules on emissions calculations during the<br>transition from Commissioning to Operation.         | The project owner shall maintain<br>records to demonstrate<br>compliance with this condition an<br>shall make such records available<br>to the SCAQMD Executive Officer<br>upon request. The records shall<br>be maintained for a minimum of 5<br>years in a manner approved by<br>SCAQMD. The records shall<br>include, but not be limited to,<br>natural gas usage in a calendar<br>month and automated monthly<br>and annual calculated emissions.<br>[RULE 1303(a)(1)-BACT, 5-10-1996<br>RULE 1303(b)(2)-Offset, 5-10-<br>1996; RULE 1303(b)(2)-Offset, 12-<br>6-2002] [Devices subject to this<br>condition: D1, D7]  | Reports (AQ-SC7)  | Annually, no later<br>than 30 days after<br>end of the 4th quarter<br>(See AQ-SC7)   | Annually  |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ 10                | AQ    | Ł-A2.a |         | Annual Emissions Limits - See Decision for specific<br>emission limits by pollutant (NOX, CO, VOC, PM10,<br>PM2.5, SOX). See Decision AQ-A1 also for rules<br>regarding the for commencement of operation. See<br>Decision for rules on emissions calculations during the<br>transition from Commissioning to Operation.         | The project owner shall maintain<br>records to demonstrate<br>compliance with this condition an<br>shall make such records available<br>to the SCAQMD Executive Officer<br>upon request. The records shall<br>be maintained for a minimum of 5<br>years in a manner approved by<br>SCAQMD. The records shall<br>include, but not be limited to,<br>natural gas usage in a calendar<br>month and automated monthly<br>and annual calculated emissions.<br>[RULE 1303(a)(1)-BACT, 5-10-1996<br>RULE 1303(a)(1)-BACT, 5-10-1996;<br>RULE 1303(b)(2)-Offset, 5-10-<br>1996; RULE 1303(b)(2)-Offset, 5-10-<br>1996; RULE 1303(b)(2)-Offset, 12-<br>6-2002] [Devices subject to this<br>condition: D1, D7] | minimum of 5 years  | N/A  | N/A       |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |

| Δ              | -     | В       | C       | n  | F  | F                                       | G   | н         | 1                     | I I   | ĸ                    |                                   | м                           | N                   | 0                        | D                       | 0                            | R                                   | c I                                   | т                    |                         |
|----------------|-------|---------|---------|--|--|---|---|-----------|-----------------------|---|----------------------|-----------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
|                |       | D       | C       | lity Center Compliance Matrix (16-   | ΔFC-01)  | F                                       | 9   | п         | 1                     | Ĺ   | ĸ                    | L L                               | CBO Color Code:             | IN                  | Pre- Construction        | r                       | Q                            | ĸ                                   | 3                                     | I                    | 0                       |
| 2 All P        |       |         |         |  |  |   |   | 6/30/2040 |                       |   |                      |                                   |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 3              | luses |         |         |  |  |   |   |           |                       |   |                      |                                   |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4              |       |         |         | Revised 4/30/2019  |  | Based on Final S                        | staff Assessment  |           |                       |   |                      |                                   |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
| Techn<br>Resou |       | Cond. # | Phase   | Description  | Verification/Action/Submittal  | Submittal                               | Date Submittal is<br>Required   | Due Date  | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPI | Condition Amended?<br>M Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| AQ             | 1     | AQ-A3   | COM/OPS | 2.5 PPMV NOx Limit Averging - The 2.5 PPMV NOx<br>emission limit(s) is averaged over 1 hour, dry basis at 15<br>percent oxygen. This limit shall not apply to turbine commissioning,<br>startup, and shutdown periods. [RULE 1303(a)(1)-BACT,<br>5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] [Devices<br>subject to this condition: D1, D7]                                | The project owner shall submit<br>CEMS records demonstrating<br>compliance with this condition as<br>part of the Quarterly Operation<br>Reports (AQ-SC7).  | Quarterly Operation<br>Reports (AQ-SC7) | Quarterly, no later<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7)   | Quarterly |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ             | 1     | AQ-A4   | COM/OPS | 4.0 PPMV CO Limit Averaging - The 4.0 PPMV CO<br>emission limit(s) is averaged over 1 hour, dry basis at 15<br>percent oxygen.<br>This limit shall not apply to turbine commissioning,<br>startup, and shutdown periods. [RULE 1303(a)(1)-BACT,<br>5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] [Devices<br>subject to this condition: D1, D7]                              | The project owner shall submit<br>CEMS records demonstrating<br>compliance with this condition as<br>part of the Quarterly Operation<br>Reports (AQ-SC7).  | Quarterly Operation<br>Reports (AQ-SC7) | Quarterly, no later<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7)   | Quarterly |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ             | 2     | AQ-A5   | COM/OPS | 2.0 PPMV VOC Limit Averaging - The 2.0 PPMV VOC<br>emission limit(s) is averaged over 1 hour, dry basis at 15<br>percent oxygen.   | The project owner shall submit<br>records demonstrating compliance<br>with this condition as part of the<br>Quarterly Operation Reports (AQ-<br>SC7).  |   | Quarterly, no later<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7)   | Quarterly |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ<br>14       | 1     | AQ-A6   | COM/OPS | 25 PPMV Nox Limit Averaging - The 25 PPMV NOx<br>emission limit(s) is averaged over 1 hour, dry basis at 15<br>percent oxygen.<br>This limit shall not apply to turbine commissioning,<br>startup, and shutdown periods. [40 CFR 60 Subpart<br>KKKK, 7-6-2006] [Devices subject to this condition: D1,<br>D7]  | The project owner shall submit<br>CEMS records demonstrating<br>compliance with this condition as<br>part of the Quarterly Operation<br>Reports (AQ-SC7).  | Quarterly Operation<br>Reports (AQ-SC7) | Quarterly, no later<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7)   | Quarterly |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ<br>15       | 1     | AQ-A7   | COM/OPS | Combustion Contaminant Emissions - For the purpose<br>of determining compliance with District Rule 475,<br>combustion contaminant emissions may exceed the<br>concentration limit or the mass emission limit listed, but<br>not both limits at the same time. [RULE 475, 10-8-1976;<br>RULE 475, 8-7-1978] [Devices subject to this condition:<br>D1, D7]                  |  |   | Quarterly, no later<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7)   | Quarterly |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ<br>16       | 1     | AQ-A8   | COM/OPS | NH <sub>3</sub> Limit Averaging - The 5.0 PPMV NH <sub>3</sub> emission limit<br>is averaged over one hour, dry basis, at 15 percent<br>oxygen. The project owner shall calculate and continuously<br>record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and<br>shutdown.) See the Decision for NH <sub>3</sub> calculation<br>equation. | The project owner shall install,<br>calibrate, maintain, and the<br>monitoring system according to a<br>District-approved monitoring plan  | Monitoring Plan                         | Prior to the<br>installation the<br>project owner shall<br>submit a monitoring<br>plan to the CPM for<br>review and approval. |           |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 17             | ,     | AQ-A8.a | COM/OPS | MH3 Limit Averaging - The 5.0 PPMV NH3 emission limit<br>is averaged over one hour, dry basis, at 15 percent<br>oxygen.<br>The project owner shall calculate and continuously<br>record the NH3 slip concentration<br>(Does not apply to commissioning, turbine startup, and<br>shutdown.) See the Decision for NH3 calculation<br>equation.                               | monitoring system according to a<br>District-approved monitoring plan<br>The project owner shall include<br>exceedances of the hourly<br>ammonia slip limit and calibration                          | Reports (AQ-SC7)                        | Quarterly, no later<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7)   | Quarterly |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 17 AQ          | 2     | AQ-A8.b | COM/OPS | NH3 Limit Averaging - The 5.0 PPMV NH3 emission limit<br>is averaged over one hour, dry basis, at 15 percent<br>oxygen.<br>The project owner shall calculate and continuously<br>record the NH3 slip concentration<br>(Does not apply to commissioning, turbine startup, and<br>shutdown.) See the Decision for NH3 calculation<br>equation.                               | maintain a NOx analyzer to<br>measure the SCR inlet NOx ppmv<br>accurate to within plus or minus 5<br>percent calibrated at least once<br>every 12 months. The project<br>owner shall use the method | analyzer                                | Once every 12<br>months   | Annually  |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |

| Stante.              | n Enara |        | ability Center Compliance Matrix (10  | AEC 01)  |  |  |                        |                       |             |                      |                                 | CBO Color Code:             |                     | Pre- Construction           |                         |                              |                                     |                                       | 1                    |                        |
|----------------------|---------|--------|---|--|--|--|------------------------|-----------------------|-------------|----------------------|---------------------------------|-----------------------------|---------------------|-----------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|------------------------|
|                      |         | y kena | ability Center Compliance Matrix (10  | -AFC-01)   |  |  | - / /                  |                       |             |                      |                                 |                             |                     |                             |                         |                              |                                     |                                       |                      |                        |
| ll Phase             | es      |        |   |  | 1  |  | 6/30/2040              |                       |             |                      |                                 |                             |                     | Construction                |                         |                              |                                     |                                       | <b></b>              | <u> </u>               |
|                      |         | +      | Revised 4/30/2019   |  | Based on Final 6   | Staff Assessment   |                        |                       |             |                      |                                 |                             |                     | Commissioning<br>Operations |                         |                              |                                     |                                       | <u> </u>             | +                      |
|                      |         | -      | Revised 4/30/2019   |  | Daseu Uli Filidi s   |  |                        |                       |             |                      |                                 |                             |                     | Operations                  |                         |                              |                                     |                                       | <u> </u>             | +                      |
| echnical<br>Resource | Cond. # | Phas   |   | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required  | Due Date               | Date Submitted to CPM |             | Date Approved by CPN | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO    | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Projec<br>Manager |
| AQ                   | AQ-B1   | COM/C  | PS H <sub>2</sub> S Limit Averaging - Concentration limit is an annual<br>average based on monthly samples of natural gas<br>composition or gas supplier documentation.<br>The project owner shall <b>not</b> use natural gas containin<br>the following specified compounds:<br>H <sub>2</sub> S > 0.25 Grains per 100 SCF   | documentation demonstrating<br>compliance as part of the<br>Quarterly Operation Reports (AQ-   | Quarterly Operation<br>Reports (AQ-SC7).   | Quarterly, no later<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7)    | Quarterly              |                       | Not Started |                      |                                 |                             |                     |                             |                         |                              |                                     |                                       | SERC                 | DSR                    |
| AQ                   | AQ-C1   | COM/C  | PPS Start-up Limitations - Owner shall limit the number o<br>start-ups to no more than 124 in any one calendar<br>month.  | Provide records including a table<br>documenting the type of startup,<br>duration and date of occurrence.<br>Monthly Reports to be included in<br>the Quarterly Operations Reports<br>(AQ-SC7) | Quarterly Operation<br>Reports (AQ-SC7)  | Quarterly, no later<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7)    | Quarterly              |                       | Not Started |                      |                                 |                             |                     |                             |                         |                              |                                     |                                       | SERC                 | DSR                    |
| AQ                   | AQ-C1.a | COM/C  | PPS Start-up Limitations - Owner shall limit the number o<br>start-ups to no more than 124 in any one calendar<br>month.  | The project owner shall maintain<br>records to demonstrate<br>compliance with this condition and<br>shall make such records available<br>to the Executive Officer upon<br>request.             |  |  | N/A                    | -                     | Not Started |                      |                                 |                             |                     |                             |                         |                              |                                     |                                       | SERC                 | DSR                    |
| AQ                   | AQ-C2   | COM/C  | PPS Shutdown Limitations - Owner shall limit the number<br>shutdowns to no more than 124 in any one calendar<br>month.  |  | Quarterly Operation<br>Reports (AQ-SC7).   | Quarterly, no later<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7)    | Quarterly              | _                     | Not Started |                      |                                 |                             |                     |                             |                         |                              |                                     |                                       | SERC                 | DSR                    |
| AQ                   | AQ-C2.a | COM/C  | Shutdown Limitations - Owner shall limit the number<br>shutdowns to no more than 124 in any one calendar<br>month.  |  | The records shall be<br>maintained for a<br>minimum of 5 years in<br>a manner approved by<br>SCAQMD. | N/A  | N/A                    |                       | Not Started |                      |                                 |                             |                     |                             |                         |                              |                                     |                                       | SERC                 | DSR                    |
| AQ                   | AQ-C3   | COM/C  | PS Pressure Relief Valve Requirements - The project<br>owner shall install and maintain a pressure relief valve<br>set at 2.3 psig.   | The project owner shall<br>demonstrate compliance with this<br>condition as part of the Quarterly<br>Operation Reports (AQ-SC7).   | Quarterly Operation<br>Reports (AQ-SC7).   | Quarterly, no later<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7)    | Quarterly              | -                     | Not Started |                      |                                 |                             |                     |                             |                         |                              |                                     |                                       | SERC                 | DSR                    |
| AQ                   | AQ-D1   | COM/C  | DPS Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. Dist must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.                | ict protocol, but no later than 180<br>days after initial start-up.  | N/A  | N/A  | N/A                    | -                     |             |                      |                                 |                             |                     |                             |                         |                              |                                     |                                       | SERC                 | DSR                    |
| AQ                   | AQ-D1a  | COM/C  | DPS Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. Dist must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision fo further test specifications.                 | ict  | Proposed source test<br>protocol.  | Submit protocol 90<br>days before test date<br>to CPM.                             | 9/30/2020              |                       | Not Started |                      |                                 |                             |                     |                             |                         |                              |                                     |                                       | SERC                 | DSR                    |
| AQ                   | AQ-D1b  | COM/C  | Initial Source Test - Owner must conduct initial<br>commissioning air pollutant source tests. See Decision<br>for methods, averaging times, and test location. Distr<br>must approve test protocol in advance. Notify District<br>prior to test of date and time of test. See Decision for<br>further test specifications.    | ict  | Proposed source test<br>protocol.  | Submit protocol 90<br>days before test date<br>to Air District.                    | 9/30/2020              |                       | Not Started |                      |                                 |                             |                     |                             |                         | SCAQMD                       |                                     |                                       | SERC                 | DSR                    |
| AQ                   | AQ-D1c  | COM/C  | PPS Initial Source Test - Owner must conduct initial<br>commissioning air pollutant source tests. See Decisio<br>for methods, averaging times, and test location. Distr<br>must approve test protocol in advance. Notify District<br>prior to test of date and time of test. See Decision fo<br>further test specifications.  | ict  | Proposed source test<br>protocol.  | Notify CPM of<br>proposed date and<br>time 10 days prior to<br>test date.          | 10/28/2019<br>2/5/2020 |                       | Not Started |                      |                                 |                             |                     |                             |                         |                              |                                     |                                       | SERC                 | DSR                    |
| AQ                   | AQ-D1d  | COM/C  | PS Initial Source Test - Owner must conduct initial<br>commissioning air pollutant source tests. See Decision<br>for methods, averaging times, and test location. Distri<br>must approve test protocol in advance. Notify District<br>prior to test of date and time of test. See Decision fo<br>further test specifications. | ict  | Proposed source test<br>protocol.  | Notify Air District of<br>proposed date and<br>time 10 days prior to<br>test date. | 10/28/2019<br>2/5/2021 |                       | Not Started |                      |                                 |                             |                     |                             |                         | SCAQMD                       |                                     |                                       | SERC                 | DSR                    |

| А                      | - | В       | C        | D  | F   | F  | G   | н         | 1                     | 1   | к                    | 1                 | М                           | N                   | 0                                      | Р                       | 0                            | R                                | ۲<br>۲                                | т                    | 11                      |
|------------------------|---|---------|----------|--|---|--|---|-----------|-----------------------|---|----------------------|-------------------|-----------------------------|---------------------|--|-------------------------|------------------------------|----------------------------------|---------------------------------------|----------------------|-------------------------|
|                        |   | D       | y Relial | bility Center Compliance Matrix (16  | -AFC-01)  |  | 3   |           |                       | ,   | N                    | <u> </u>          | CBO Color Code:             | 14                  | Pre- Construction                      | r                       | <u>ч</u>                     | N                                | ر<br>ب                                | 1                    | 5                       |
| 2 All Ph               |   |         |          |  |   | 1  | -   | 6/30/2040 |                       |   |                      |                   |                             |                     | Construction                           |                         | 1                            |                                  |                                       |                      |                         |
| 3                      |   |         |          |  |   | Press to at the                                    |   |           |                       |   |                      |                   |                             |                     | Commissioning                          |                         |                              |                                  |                                       |                      |                         |
| 4<br>Technie<br>Resour |   | Cond. # | Phase    | Revised 4/30/2019<br>Description   | Verification/Action/Submittal   | Based on Final S                                   | Staff Assessment<br>Date Submittal is<br>Required                 | Due Date  | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended | Condition<br>Amendment Date | Amended<br>Language | Operations<br>Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| AQ                     |   | AQ-D2   | COM/OP   | Operations Source Test - Owner must conduct air<br>pollutant source tests for SOX, VOC, and PMI0 once<br>every three years. See Decision for methods, averaging<br>times, and test location. Notify District prior to test of<br>date and time of test. See Decision for further test<br>specifications.               | The test(s) shall be conducted at<br>least once every three years.<br>The project owner shall test<br>according to the original protocol.<br>If changes to the testing methods<br>or testing conditions are<br>proposed, then the project owner<br>shall submit a revised protocol for<br>the source tests no later than 45<br>days prior to the proposed source<br>test date to both the District and<br>CPM for approval. |  | N/A   | #VALUE!   |                       | Not Started   |                      |                   |                             | SCAQMD              |  |                         |                              |                                  |                                       | SERC                 | DSR                     |
| 30<br>AQ<br>31         |   | AQ-D2a  |          | Operations Source Test - Owner must conduct air<br>pollutant source tests for SOX, VOC, and PM10 once<br>every three years. See <b>Decision</b> for methods, averaging<br>times, and test location. Notify District prior to test of<br>date and time of test. See <b>Decision</b> for further test<br>specifications. | The project owner shall test<br>according to the original protocol.<br>If changes to the testing methods<br>or testing conditions are<br>proposed, then the project owner<br>shall submit a revised protocol for<br>the source tests no later than 45<br>days prior to the proposed source<br>test date to both the District and<br>CPM for approval.   | test result report                                 | Submit protocol 45<br>days before test date<br>to Notify CPM      | 3/19/2020 |                       | Not Started   |                      |                   |                             |                     |  |                         |                              |                                  |                                       | SERC                 | DSR                     |
| AQ<br>32               |   | AQ-D2b  | COM/OP   | Operations Source Test - Owner must conduct air<br>pollutant source tests for SOX, VOC, and PM10 once<br>every three years. See Decision for methods, averaging<br>times, and test location. Notify District prior to test of<br>date and time of test. See Decision for further test<br>specifications.               | The project owner shall test<br>according to the original protocol.<br>If changes to the testing methods<br>or testing conditions are<br>proposed, then the project owner<br>shall submit a revised protocol for<br>the source tests no later than 45<br>days prior to the proposed source<br>test date to both the District and<br>CPM for approval.   | test result report                                 | Submit protocol 45<br>days before test date<br>to Notify District | 2/18/2021 |                       | Not Started   |                      |                   |                             |                     |  |                         | SCAQMD                       |                                  |                                       | SERC                 | DSR                     |
| AQ<br>33               |   | AQ-D2c  |          | 5 Operations Source Test - Owner must conduct air<br>pollutant source tests for SOX, VOC, and PM10 once<br>every three years. See Decision for methods, averaging<br>times, and test location. Notify District prior to test of<br>date and time of test. See Decision for further test<br>specifications.             |   | protocol (if proposed),                            | Submit results 60<br>days after the test.<br>Notify CPM           | 7/2/2020  |                       | Not Started   |                      |                   |                             |                     |  |                         |                              |                                  |                                       | SERC                 | DSR                     |
| AQ<br>34               |   | AQ-D2d  | COM/OP   | Operations Source Test - Owner must conduct air<br>pollutant source tests for SOX, VOC, and PM10 once<br>every three years. See Decision for methods, averaging<br>times, and test location. Notify District prior to test of<br>date and time of test. See Decision for further test<br>specifications.               | Source test results to District and   | protocol (if proposed),<br>test result report      | Submit results 60<br>days after the test.<br>Notify District      | 6/3/2021  |                       | Not Started   |                      |                   |                             |                     |  |                         | SCAQMD                       |                                  |                                       |                      |                         |
| AQ<br>35               |   | AQ-D2e  | COM/OP   | Operations Source Test - Owner must conduct air<br>pollutant source tests for SOX, VOC, and PM10 once<br>every three years. See <b>Decision</b> for methods, averaging<br>times, and test location. Notify District prior to test of<br>date and time of test. See <b>Decision</b> for further test<br>specifications. |   | shall notify the District<br>and CPM no later than | date and time. Test<br>every three years.                         | 5/3/2020  |                       | Not Started   |                      |                   |                             |                     |  |                         |                              |                                  |                                       | SERC                 | DSR                     |
| AQ                     |   | AQ-D2f  | COM/OP   | Operations Source Test - Owner must conduct air<br>pollutant source tests for SOX, VOC, and PM10 once<br>every three years. See Decision for methods, averaging<br>times, and test location. Notify District prior to test of<br>date and time of test. See Decision for further test<br>specifications.               |   | shall notify the District<br>and CPM no later than | date and time. Test<br>every three years.                         | 5/3/2020  |                       | Not Started   |                      |                   |                             |                     |  |                         | SCAQMD                       |                                  |                                       | SERC                 | DSR                     |

|               |       | P                      | C         | D   |   |   | c   | Ц                |                       |   | v                    |                                 | м                           | N                   | 0                        | P                       | 0                            | D                                   | c                                     | т                    |                         |
|---------------|-------|------------------------|-----------|---|---|---|---|------------------|-----------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| , Sta         | nton  | <sup>₿</sup><br>Energy | , Reliahi | lity Center Compliance Matrix (16-  | L ⊧<br>AFC-01)  | F   | G   | н                | 1                     | J   | ĸ                    | L                               | CBO Color Code:             | N                   | Pre- Construction        | P                       | Q                            | к                                   | 2                                     | I                    | U                       |
|               | hases |                        | , nenabi  | inty center compliance watrix (10-  |   | I   | · · · · · · · · · · · · · · · · · · ·   | 6/30/2040        |                       |   |                      |                                 |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 2 All F       | nases |                        |           |   |   |   |   | -,,              |                       |   |                      |                                 |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4             |       |                        |           | Revised 4/30/2019   |   | Based on Final S                                | taff Assessment   |                  |                       |   |                      |                                 |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
| Techi<br>Reso |       | Cond. #                | Phase     | Description   | Verification/Action/Submittal   | Submittal                                       | Date Submittal is<br>Required   | Due Date         | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 27            | ٩     | AQ-D3a                 | COM/OPS   | NH3 Source Test - Owner must conduct air pollutant<br>source tests for NH <sub>3</sub> quarterly during first 12 months of<br>operation and annually after that. See <b>Decision</b> for<br>methods, averaging times, and test location. Notify<br>District prior to test of date and time of test. See<br><b>Decision</b> for further test specifications. | The project owner shall test<br>according to the original protocol.<br>If changes to the testing methods<br>or testing conditions are<br>proposed, then the project owner<br>shall submit a revised protocol for<br>the source tests no later than 45<br>days prior to the proposed source<br>test date to both the District and<br>CPM for approval. |   | Submit protocol 45<br>days before test date<br>to CPM   | 4/4/2021         |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 38<br>38      | ٩     | AQ-D3b                 | COM/OPS   | NH3 Source Test - Owner must conduct air pollutant<br>source tests for NH3 quarterly during first 12 months of<br>operation and annually after that. See Decision for<br>methods, averaging times, and test location. Notify<br>District prior to test of date and time of test. See<br>Decision for further test specifications.                           | The project owner shall test<br>according to the original protocol.<br>If changes to the testing methods<br>or testing conditions are<br>proposed, then the project owner<br>shall submit a revised protocol for<br>the source tests no later than 45<br>days oncir to the pronosed source.   |   | Submit protocol 45<br>days before test date<br>to District  | 4/4/2021         |                       | Not Started   |                      |                                 |                             |                     |                          |                         | SCAQMD                       |                                     |                                       | SERC                 | DSR                     |
| A0<br>39      | ٩     | AQ-D3c                 | COM/OPS   | NH3 Source Test - Owner must conduct air pollutant<br>source tests for NH <sub>3</sub> quarterly during first 12 months of<br>operation and annually after that. See <b>Decision</b> for<br>methods, averaging times, and test location. Notify<br>District prior to test of date and time of test. See<br><b>Decision</b> for further test specifications. | The project owner shall submit the<br>source test results no later than 60<br>days following the source test date<br>to both the District and CPM.  |   | Submit results 60<br>days after the test to<br>CPM  | 7/18/2021        |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 40            | Q     | AQ-D3d                 | COM/OPS   | NH3 Source Test - Owner must conduct air pollutant<br>source tests for NH3 quarterly during first 12 months of<br>operation and annually after that. See Decision for<br>methods, averaging times, and test location. Notify<br>District prior to test of date and time of test. See<br>Decision for further test specifications.                           | The project owner shall submit the<br>source test results no later than 60<br>days following the source test date<br>to both the District and CPM.  |   | Submit results 60<br>days after the test to<br>District   | 7/18/2021        |                       | Not Started   |                      |                                 |                             |                     |                          |                         | SCAQMD                       |                                     |                                       | SERC                 | DSR                     |
| 41            | ٩     | AQ-D3e                 | COM/OPS   | NH3 Source Test - Owner must conduct air pollutant<br>source tests for NH <sub>3</sub> quarterly during first 12 months of<br>operation and annually after that. See <b>Decision</b> for<br>methods, averaging times, and test location. Notify<br>District prior to test of date and time of test. See<br><b>Decision</b> for further test specifications. |   | notified of the date<br>and time of the test at | The project owner<br>shall notify the CPM<br>no later than 10 days<br>prior to the proposed<br>initial source test of<br>the date and time of<br>the scheduled test.  | 5/19/2021        |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 42            | ٩     | AQ-D3f                 | COM/OPS   | NH3 Source Test - Owner must conduct air pollutant<br>source tests for NH3 quarterly during first 12 months of<br>operation and annually after that. See Decision for<br>methods, averaging times, and test location. Notify<br>District prior to test of date and time of test. See<br>Decision for further test specifications.                           |   | notified of the date<br>and time of the test at | The project owner<br>shall notify the<br>District no later than<br>10 days prior to the<br>proposed initial<br>source test of the<br>date and time of the<br>scheduled test.                                | 5/19/2021        |                       | Not Started   |                      |                                 |                             |                     |                          |                         | SCAQMD                       |                                     |                                       | SERC                 | DSR                     |
| 43            | ٩     | AQ-D3g                 | COM/OPS   | NH3 Source Test - Owner must conduct air pollutant<br>source tests for NH <sub>3</sub> quarterly during first 12 months of<br>operation and annually after that. See <b>Decision</b> for<br>methods, averaging times, and test location. Notify<br>District prior to test of date and time of test. See<br><b>Decision</b> for further test specifications. |   | N/A   | N/A   | Quarterly/Annual |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 44            | Q     | AQ-D4                  | COM/OPS   | CEMS for CO - Install a CEMS to measure CO<br>concentrations, corrected to 15 percent oxygen, dry<br>basis to demonstrate compliance with BACT limit of 4.0<br>pmvd CO at 15% oxygen. See <b>Decision</b> for CO<br>conversion rate formula.  | The CEMS shall be installed and<br>operating no later than 90 days<br>after initial start-up of the turbine,<br>and in accordance with an<br>approved SCAQMD Rule 218 CEMS<br>plan application. The project<br>owner shall not install the CEMS<br>prior to receiving initial approval<br>from SCAQMD.  |   | The CEMS shall be<br>installed and<br>operating no later<br>than 90 days after<br>initial start-up of the<br>turbine, and in<br>accordance with an<br>approved SCAQMD<br>Rule 218 CEMS plan<br>application. | 12/12/2019       |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |

| Δ                   |       | в                 | C       | a  | F  | F                                       | G  | н         |                       | 1   | ĸ                    | · ·                             | м                           | N                   | 0                        | D                       | 0                            | P                                   | ç                                     | т                    | 11                      |
|---------------------|-------|-------------------|---------|--|--|---|--|-----------|-----------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 71                  | on Fr | <u>⊳</u><br>nergy | Reliabi | ity Center Compliance Matrix (16-  | AFC-01)  | Г Г                                     | 9  | п         | 1                     | j   | ĸ                    | L .                             | CBO Color Code:             |                     | Pre- Construction        | r                       | ų                            | ĸ                                   | 3                                     | I                    | 0                       |
| 2 All Pha           |       | 10185             |         |  |  |   |  | 6/30/2040 |                       |   |                      |                                 |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 3                   |       |                   |         |  |  |   |  |           |                       |   |                      |                                 |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4                   |       |                   |         | Revised 4/30/2019  |  | Based on Final S                        | taff Assessment  |           |                       |   |                      |                                 |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
| Technica<br>Resourc |       | ond. #            | Phase   | Description  | Verification/Action/Submittal  | Submittal                               | Date Submittal is<br>Required  | Due Date  | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 45 AQ               | AQ    | Ω-D4a             | COM/OPS | CEMS for CO - Install a CEMS to measure CO<br>concentrations, corrected to 15 percent oxygen, dry<br>basis to demonstrate compliance with BACT limit of 4.0<br>ppmvd CO at 15% oxygen. See <b>Decision</b> for CO<br>conversion rate formula.  | The project owner shall submit the<br>SCAQMD approved CEMS plan to<br>the CPM within 90 days of<br>SCAQMD approval.<br>The project owner shall make the<br>site available for inspection of<br>records by representatives of the<br>District, ARB, and the Energy<br>Commission. | CEMS Plan                               | Submit approved<br>CEMS plan to CPM<br>within 90 days of<br>SCAQMD approval.   | 3/11/2020 |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ 46               | AQ    | Q-D4b             | COM/OPS | CEMS for CO - Install a CEMS to measure CO<br>concentrations, corrected to 15 percent oxygen, dry<br>basis to demonstrate compliance with BACT limit of 4.0<br>ppmvd CO at 15% oxygen. See <b>Decision</b> for CO<br>conversion rate formula.  |  | Certification                           | Initial certification<br>testing within 90 days<br>of the conclusion of<br>turbine<br>commissioning<br>period.       | 6/9/2020  |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ 47               | AC    | Q-D5              | COM/OPS | CEMS for NOx - Install a CEMS to measure NOX<br>concentrations, corrected to 15 percent oxygen, dry<br>basis to demonstrate compliance with BACT limit of 4.0<br>ppmvd CO at 15% oxygen. See <b>Decision</b> for CO<br>conversion rate formula.  | operating no later than 90 days  |   | The CEMS shall be<br>installed and<br>operating no later<br>than 90 days after<br>initial start-up of the<br>turbine |           |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 47 AQ               | AQ    | Q-D5a             | COM/OPS | CEMS for NOx - Install a CEMS to measure NOx<br>concentrations, corrected to 15 percent oxygen, dry<br>basis to demonstrate compliance with BACT limit of 4.0<br>ppmvd CO at 15% oxygen. See <b>Decision</b> for CO<br>conversion rate formula.  | make site available for inspection   | CEMS Plan                               | Submit approved<br>CEMS plan to CPM<br>within 90 days of<br>SCAQMD approval.   | 3/11/2020 |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ 49               | AQ    | }-D5b             | COM/OPS | CEMS for NOx - Install a CEMS to measure NOx<br>concentrations, corrected to 15 percent oxygen, dry<br>basis to demonstrate compliance with BACT limit of 4.0<br>ppmvd CO at 15% oxygen. See <b>Decision</b> for CO<br>conversion rate formula.  | The project owner shall submit the<br>SCAQMD approved CEMS plan to<br>the CPM within 90 days of<br>SCAQMD approval.<br>The project owner shall make the<br>site available for inspection of<br>records by representatives of the<br>District, ARB, and the Energy<br>Commission. |   | Initial certification<br>testing within 90 days<br>of the conclusion of<br>turbine<br>commissioning<br>period.       | 6/9/2020  |                       |   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ<br>50            | AQ    | Q-D6a             | COM/OPS | Meter for NH <sub>3</sub> Flow - install a meter to measure the<br>total hourly flow/throughput of injected ammonia<br>(NH <sub>3</sub> ). The flow meter must be accurate to +/- 5<br>percent and calibrated annually. Maintain ammonia<br>injection rate between 12 and 200 pounds per hour<br>(except during startups and shutdowns). | Calibrate NH3 Meter  | N/A                                     | Prior to first fire  | 2/5/2020  |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ                  | AQ    | Q-D6b             | COM/OPS | Meter for NH <sub>2</sub> Flow - Install a meter to measure the<br>total hourly flow/throughput of injected ammonia<br>(NH <sub>3</sub> ). The flow meter must be accurate to +/- 5<br>percent and calibrated annually. Maintain ammonia<br>injection rate between 12 and 200 pounds per hour<br>(except during startups and shutdowns). | Maintain ammonia injection rate<br>between 12 and 200 pounds per<br>hour (except during startups and<br>shutdowns).<br>Documentation demonstrating<br>compliance in Quarterly<br>Operations Report (AQ-SC7),<br>including table of shutdowns.                                    | Quarterly Operation<br>Reports (AQ-SC7) | Quarterly, no less<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7)                                       | Quarterly |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 52 AQ               | AQ    | Q-D6c             | COM/OPS | Meter for NH <sub>2</sub> Flow - Install a meter to measure the<br>total hourly flow/throughput of injected ammonia<br>(NH <sub>3</sub> ). The flow meter must be accurate to +/- 5<br>percent and calibrated annually. Maintain ammonia<br>injection rate between 12 and 200 pounds per hour<br>(except during startups and shutdowns). | Calibrate NH3 Meter  | N/A                                     | Once every 12<br>months  | Annually  |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |

| А                    | T    | В      | С       | D  | E   | F                                       | G  | Н           | 1                     | J   | К                    | L                               | М                           | N                   | 0                        | Р                       | 0                                     | R                                   | s                                     | т                    | U                       |
|----------------------|------|--------|---------|--|---|---|--|-------------|-----------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|---------------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
|                      | on E | nergy  | Reliabi | lity Center Compliance Matrix (16-   | AFC-01)   | · · ·                                   | 5  |             |                       |   | 12                   |                                 | CBO Color Code:             |                     | Pre- Construction        |                         | , , , , , , , , , , , , , , , , , , , |                                     | ~                                     |                      |                         |
| 2 All Phas           |      |        |         |  | •   | 1                                       | 1  | 6/30/2040   |                       |   |                      |                                 |                             |                     | Construction             |                         |                                       |                                     |                                       |                      |                         |
| 3                    |      |        |         |  |   |   |  |             |                       |   |                      |                                 |                             |                     | Commissioning            |                         |                                       |                                     |                                       |                      |                         |
| 4                    | _    |        |         | Revised 4/30/2019  |   | Based on Final S                        | Staff Assessment   |             |                       |   |                      |                                 |                             |                     | Operations               |                         |                                       |                                     |                                       |                      |                         |
| Technica<br>Resource |      | ond. # | Phase   | Description  | Verification/Action/Submittal   | Submittal                               | Date Submittal is<br>Required  | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to?          | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 53 AQ                | AC   | Q-D6d  | COM/OPS | Meter for NH <sub>3</sub> Flow - Install a meter to measure the<br>total hourly flow/throughput of injected ammonia<br>(NH <sub>3</sub> ). The flow meter must be accurate to +/- 5<br>percent and calibrated annually. Maintain ammonia<br>injection rate between 12 and 200 pounds per hour<br>(except during startups and shutdowns).   | The project owner shall make the<br>site available for inspection of<br>records by representatives of the<br>District, ARB, and the Energy<br>Commission. (See also AQ-D4)  | N/A                                     | N/A  | Conditional |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                                       |                                     | 0                                     | SERC                 | DSR                     |
| AQ                   | AC   | Q-D7a  | COM/OPS | SCR Temperature Gauge - Install a gauge to measure<br>temperature of the SCR reactor inlet. Temperature<br>should be recorded once per hour and calibrated based<br>on the average of the continuous monitoring for that<br>hour. The gauge should be accurate to +/- 5 percent<br>and calibrated once per 12 months. Maintain SCR/CO<br>catalyst inlet temperature between 460 and 855<br>degrees F (except during startups and shutdowns).         | Calibrate SCR Inlet temperature<br>gauge  | N/A                                     | Prior to first fire  | 2/5/2020    |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                                       |                                     |                                       | SERC                 | DSR                     |
|                      | AC   | Q-D7b  | COM/OPS | SCR Temperature Gauge - Install a gauge to measure<br>temperature of the SCR reactor inlet. Temperature<br>should be recorded once per hour and calibrated based<br>on the average of the continuous monitoring for that<br>hour. The gauge should be accurate to +/- 5 percent<br>and calibrated once per 12 months. Maintain SCR/CO<br>catalyst inlet temperature between 460 and 855<br>degrees F (except during startups and shutdowns).         | temperature between 460 and 855<br>degrees F (except during startups  | Quarterly Operation<br>Reports (AQ-SC7) | Quarterly, no less<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7) | Quarterly   |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                                       |                                     |                                       | SERC                 | DSR                     |
| 56                   | AC   | Q-D7c  | COM/OPS | SCR Temperature Gauge - Install a gauge to measure<br>temperature of the SCR reactor inlet. Temperature<br>should be recorded once per hour and calibrated based<br>on the average of the continuous monitoring for that<br>hour. The gauge should be accurate to +/- 5 percent<br>and calibrated once per 12 months. Maintain SCR/CO<br>catalyst inlet temperature between 460 and 855<br>degrees F (except during startups and shutdowns).         | Calibrate SCR Inlet temperature<br>gauge  | N/A                                     | Once every 12<br>months  | Annually    |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                                       |                                     |                                       | SERC                 | DSR                     |
| AQ                   | AC   | Q-D7d  | COM/OPS | SCR Temperature Gauge - Install a gauge to measure<br>temperature of the SCR reactor inlet. Temperature<br>should be recorded once per hour and calibrated based<br>on the average of the continuous monitoring for that<br>hour. The gauge should be accurate to +/- 5 percent<br>and calibrated once per 12 months. Maintain SCR/CO<br>catalyst inlet temperature between 460 and 855<br>degrees F (except during startups and shutdowns).         | temperature between 460 and 855   | Quarterly Operations<br>Report (AQ-SC7) | Once every 12<br>months  | Annually    |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                                       |                                     |                                       | SERC                 | DSR                     |
| AQ                   | AC   | Q-D7e  | COM/OPS | SCR Temperature Gauge - Install a gauge to measure<br>temperature of the SCR reactor inlet. Temperature<br>should be recorded once per hour and calibrated based<br>on the average of the continuous monitoring for that<br>hour. The gauge should be accurate to +/- 5 percent<br>and calibrated once per 12 months. Maintain SCR/CO<br>catalyst inlet temperature between 460 and 855<br>degrees F (except during startups and shutdowns).         | District, ARB, and the Energy   | N/A                                     | N/A  | Conditional |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                                       |                                     |                                       | SERC                 | DSR                     |
| 59 AQ                | AC   | Q-D8a  | COM/OPS | SCR Pressure Gauge - Install a gauge to measure<br>differential pressure across the SCR catalyst bed in<br>inches water column. Pressure should be recorded at<br>least once per month and calculated based on the<br>average of the continuous monitoring for that month<br>The gauge should be accurate to +/- 5 percent and<br>calibrated once per 12 months. Maintain pressure<br>differential not to exceed between 6.0 inches water<br>rolumn  | Calibrate DP pressure gauge.<br>The project owner shall<br>demonstrate compliance with this<br>condition as part of the Quarterly<br>Operation Reports (AQ-SC7).  | N/A                                     | Prior to first fire  | 2/5/2020    |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                                       |                                     |                                       | SERC                 | DSR                     |
| AQ                   | AC   | Q-D8b  | COM/OPS | SCR Pressure Gauge - Install a gauge to measure<br>differential pressure across the SCR catalyst bed in<br>inches water column. Pressure should be recorded at<br>least once per month and calculated based on the<br>average of the continuous monitoring for that month<br>The gauge should be accurate to +/- 5 percent and<br>calibrated once per 12 months. Maintain pressure<br>differential not to exceed between 6.0 inches water<br>column. | The project owner shall also install<br>and maintain a device to<br>continuously record the parameter<br>being measured. The project owner<br>shall demonstrate compliance with<br>this condition as part of the<br>Quarterly Operation Reports (AQ-<br>SC7). | Reports (AQ-SC7)                        | Quarterly, no less<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7) | Quarterly   |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                                       |                                     |                                       | SERC                 | DSR                     |
| 61                   | AC   | Q-D8c  | COM/OPS | SCR Pressure Gauge - Install a gauge to measure<br>differential pressure across the SCR catalyst bed in<br>inches water column. Pressure should be recorded at<br>least once per month and calculated based on the<br>average of the continuous monitoring for that month<br>The gauge should be accurate to +/- 5 percent and<br>calibrated once per 12 months. Maintain pressure<br>differential not to exceed between 6.0 inches water<br>column. | Calibrate DP pressure gauge.  | N/A                                     | Once every 12<br>months  | Annually    |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                                       |                                     |                                       | SERC                 | DSR                     |

|                       |          |  |   |   |  | н           |                        |   |                      |                                 |                             |                     | 0                        | P                       |                              |                                     | c .                                   | -                    |                         |
|-----------------------|----------|--|---|---|--|-------------|------------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| A E                   |          | eliability Center Compliance Matrix (16-   | L ⊧<br>AEC_01)  | F   | G  | Н           | 1                      | J   | ĸ                    | L                               | M<br>CBO Color Code:        | N                   | O<br>Pre- Construction   | þ                       | Q                            | R                                   | 5                                     | I                    | U                       |
| 2 All Phases          | lergy R  | enabling center compliance watrix (16-   |   |   |  | 6/30/2040   |                        |   |                      |                                 |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 2 All Plidses         |          |  |   |   |  | 0/00/2010   |                        |   |                      |                                 |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4                     |          | Revised 4/30/2019  |   | Based on Final S  | taff Assessment  |             |                        |   |                      |                                 |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
| Technical<br>Resource | nd. #    | Phase Description  | Verification/Action/Submittal   | Submittal   | Date Submittal is<br>Required  | Due Date    | Date Submitted to CPM  | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 62                    | -D8d Co  | DM/OPS SCR Pressure Gauge - Install a gauge to measure<br>differential pressure across the SCR catalyst bed in<br>inches water column. Pressure should be recorded at<br>least once per month and calculated based on the<br>average of the continuous monitoring for that month<br>The gauge should be accurate to +/- 5 percent and<br>calibrated once per 12 months. Maintain pressure<br>differential not to exceed between 6.0 inches water<br>column.  | The project owner shall make the<br>site available for inspection of<br>records by representatives of the<br>District, ARB, and the Energy<br>Commission. | N/A   | N/A  | Conditional | Date sublimited to CPW | uate))  | Date Approved by CPW | Tes of No                       | Amenument Date              | Language            |                          | 660                     | submittor                    | to other agencies                   | Agenties                              | SERC                 | DSR                     |
| 63 AQ AQ              | Q-E1     | CONS The project owner shall upon completion of<br>construction, operate and maintain this equipment<br>according to the following requirements:<br>In accordance with all air quality mitigation measures<br>stipulated in the final<br>California Energy Commission decision for the 16-AFC-<br>01 project. [CA PRC<br>CEQA, 5-12-2017] [Devices subject to this condition: D1<br>G3, C4, D7, C9,<br>C10, D13]   | The project owner shall make the<br>site available for inspection by<br>representatives of the District,<br>ARB, U.S. EPA and the Energy<br>Commission.   | N/A   | N/A  | Conditional |                        | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ AQ                 | Q-E2     | CONS Permit to Construct - The Permit to Construct shall<br>expire one year from the Permit to Construct issuance<br>date, unless a Permit to Construct extension has been<br>granted by the Executive Officer or unless the<br>equipment has been constructed and the operator has<br>notified the District Executive Officer prior to the<br>operation of the equipment, in which case the Permit to<br>Construct serves as a temporary Permit to Operate.   |   |   | NA   | Conditional |                        | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | TLB                     |
| 65 AQ AQ-             | t-E2a    | CONS Permit to Construct - The Permit to Construct shall<br>expire one year from the Permit to Construct issuance<br>date, unless a Permit to Construct extension has been<br>granted by the Executive Officer or unless the<br>equipment has been constructed and the operator has<br>notified the District Executive Officer prior to the<br>operation of the equipment, in which case the Permit to<br>Construct serves as a temporary Permit to Operate.   | Request an extention of the<br>Permit to Construct  | Permit to Construct<br>extension  | Prior to expiration of<br>Permit to Construct                                      | Conditional |                        | Not Started   |                      |                                 |                             |                     |                          |                         | SCAQMD                       |                                     |                                       | SERC                 | TLB                     |
| AQ AQ                 | Q-E3 C   | DM/OPS Commissioning Hours - Total commissioning hours shal<br>not exceed 100 hours of fired operation for each<br>turbine from the date of initial turbine startup.<br>Commissioning hours without control shall not exceed<br>38 of the 100 commissioning hours. Two turbines may<br>be commissioned at the same time. Turbines shall be<br>vented to the CO Oxidation catalyst and SCR control<br>system during any turbine operation after<br>commissioning is completed.  | records including the total number<br>of commissioning hours, number<br>of commissioning hours without  | r Reports (AQ-SC7).<br>I  | Quarterly, no later<br>than 30 days after<br>end of the quarter<br>(See AQ-SC7)    | Quarterly   |                        | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 67 AQ AQ-             | t-E3a CC | DM/OPS Commissioning Hours - Total commissioning hours shal<br>not exceed 100 hours of fired operation for each<br>turbine from the date of initial turbine startup.<br>Commissioning hours without control shall not exceed<br>38 of the 100 commissioning hours. Two turbines may<br>be commissioned at the same time. Turbines shall be<br>vented to the CO Oxidation catalyst and SCR control<br>system during any turbine operation after<br>commissioning is completed.  | the SCAQMD with written<br>notification of the initial startup<br>date of each turbine.   | The SCAQMD shall be<br>notified in writing of<br>the initial startup date<br>of each turbine. | After first fire of each<br>unit.  | N/A         |                        | Not Started   |                      |                                 |                             |                     |                          |                         | SCAQMD                       |                                     |                                       | SERC                 | DSR                     |
| AQ AQ-                | I-E3b Co | DM/OPS Commissioning Hours - Total commissioning hours shal<br>not exceed 100 hours of fired operation for each<br>turbine from the date of initial turbine startup.<br>Commissioning hours without control shall not exceed<br>38 of the 100 commissioning hours. Two turbines may<br>be commissioned at the same time. Turbines shall be<br>vented to the CO Oxidation catalyst and SCR control<br>system during any turbine operation after<br>commissioning is completed.  | site available for inspection by<br>representatives of the District,<br>ARB, U.S. EPA and the Energy  | N/A   | N/A  | Conditional |                        | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ AQ                 | Q-E4 C0  | <ul> <li>DM/OPS Co<sub>2</sub> Emission Limit - 120 lbs/MMBtu CO<sub>2</sub> emission limit<br/>for non-base load turbines shall apply. Compliance with<br/>the 120 lbs/MMBTu CO2 emission limit shall be<br/>determined on a 12-operating-month rolling average<br/>basis.</li> <li>This turbine shall be operated in compliance with all<br/>applicable requirements of 40 CFR 60 Subpart TTTT,<br/>including applicable requirements for recordkeeping<br/>and reporting. [40 CFR 60 Subpart TTTT, 10-23-2015]<br/>[Devices subject to this condition: D1, D7]</li> </ul> |   | Report (AQ-SC7).  | Annually, no later<br>than 30 days after<br>end of the 4th quarter<br>(See AQ-SC7) | Annually    |                        | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| AQ AQ                 | Q-E5 C0  | DM/OPS         Storage Tank, Aqueous Ammonia - The project owner<br>shall vent this equipment, during filling, only to the<br>vessel from which it is being filled.  | The project owner shall make the<br>site available for inspection by<br>representatives of the District,<br>ARB, U.S. EPA and the Energy<br>Commission.   | N/A   | N/A  | Conditional |                        | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |

|                  | А                   | В       | ſ               | D  | F   | F                | G  | н           | I                     |   | к                    | I I I                           | М                           | Ν                   | 0                        | Р                       | 0                            | R                                   | s                                     | т                    | U                       |
|------------------|---------------------|---------|-----------------|--|---|------------------|--|-------------|-----------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 S <sup>1</sup> | tantor              | 1 Energ | v Reliat        | ility Center Compliance Matrix (16-  | AFC-01)   | •·               | 6  |             |                       |   | ĸ                    | L .                             | CBO Color Code:             |                     | Pre- Construction        |                         | 4                            | IX.                                 | 5                                     |                      | 0                       |
|                  | ll Phase            | -       |                 |  |   |                  | 1  | 6/30/2040   |                       |   |                      |                                 |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 3                |                     |         |                 |  |   |                  |  |             |                       |   |                      |                                 |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4                |                     |         |                 | Revised 4/30/2019  |   | Based on Final S | taff Assessment  |             |                       |   |                      |                                 |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
|                  | echnical<br>esource | Cond. # | Phase           | Description  | Verification/Action/Submittal   | Submittal        | Date Submittal is<br>Required                              | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 71               | AQ                  | AQ-F1   | CONS/CON<br>OPS | the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods  | site available for inspection by<br>representatives of the District,<br>California Air Resources Board<br>(ARB), the United States<br>Environmental Protection Agency | NA               | N/A  | Conditional |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 72               | AQ                  | AQ-H1   | COM/OPS         | NOX CEMS Performance Evaluation -The performance<br>evaluation of the NOX CEMS shall be conducted as part<br>of the initial performance test of the turbine required<br>no later than 180 days after initial start-up by §60.8, in<br>accordance with the requirements of §60.4405. The<br>initial performance test of the turbine shall be<br>conducted to demonstrate compliance with the<br>§60.4320 limit of 25.0 ppmv NOX at 15% O2, 1-hour<br>averaging. [40 CFR 60 Subpart A, 6-3-2016; 40 CFR 60<br>Subpart KKK, 7-6-2006] [Devices subject to this<br>condition: D1, D7].<br>See Decision for rules for additional requirements   | site available for inspection by<br>representatives of the District,  | N/A              | No later than 180<br>days after initial start-<br>up       | 9/30/2020   |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 72               | AQ                  | AQ-H2   | COM/OPS         | Nox CEMS requirements - The Nox CEMS shall comply<br>with the requirements of conditions D82.2 (AQD5),<br>H23.1 (AQ-H1), and H23.2 (AQ-H2).<br>The project owner shall measure and record SO2<br>emissions by using the applicable procedures specified<br>in appendix D to Part 75 for estimating hourly SO2 mass<br>emissions, pursuant to §75.11(d)(2).<br>The project owner shall measure and record CO2<br>emissions by following the procedures in appendix G to<br>Part 75 for estimating daily CO2 mass emissions,<br>pursuant to §75.10(a)(3)(ii) and §75.13(b). [40 CFR 75-<br>Acid Rain CEM, 1-18-2012] [Devices subject to this<br>condition: D1, D7]<br>See <b>Decision</b> for rules for additional requirements   |   | N/A              | N/A  | Ongoing     |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 74               | AQ                  | AQ-H3   | COM/OPS         | Refrigerants Requirements - The equipment is subject<br>to the applicable requirements of District Rule 1415.<br>[Devices subject to this condition: E15]  | The project owner shall make the<br>site available for inspection by<br>representatives of the District,<br>ARB, U.S. EPA and the Energy<br>Commission.               | N/A              | N/A  | Ongoing     |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 75               | AQ                  | AQ-H4   | COM/OPS         | Refrigerants Requirements - This equipment is subject<br>to Rule 40 CFR 82, Subpart F. [Devices subject to this<br>condition: E15]   | The project owner shall make the<br>site available for inspection by<br>representatives of the District,<br>ARB, U.S. EPA and the Energy<br>Commission.               | N/A              | N/A  | Ongoing     |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 76               | AQ                  | AQ-K1   | COM/OPS         | Source Test Results - The owner must provide source<br>test results to the District 90 days after testing. See the<br>Decision for detailed requirements.  | The project owner shall submit the  | CPM              | No later than 90 days<br>following the source<br>test date | 6/9/2020    |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 77               | AQ                  | AQ-K1a  | COM/OPS         | Source Test Results - The owner must provide source<br>test results to the District 90 days after testing. See the<br>Decision for detailed requirements.  | The project owner shall submit the<br>source test results no later than 90<br>days following the source test date<br>to both the District and CPM.                    | District         | No later than 90 days<br>following the source<br>test date | 6/9/2020    |                       | Not Started   |                      |                                 |                             |                     |                          |                         | SCAQMD                       |                                     |                                       | SERC                 | DSR                     |
|                  | AQ                  | AQ-K2   | CONS/CON<br>OPS | <ul> <li>/ The project owner shall keep records, in a manner<br/>approved by the district, for the following parameter(s)<br/>or item(s):</li> <li>For architectural applications where no thinners,<br/>reducers, or other VOC<br/>containing materials are added, maintain semi-annual<br/>records for all coating consisting of (a) coating type, (b)<br/>VOC content as supplied in grams per liter (g/l) of<br/>materials for low-solids coatings, (c) VOC content as<br/>supplied in g/l of coating, less water and exempt<br/>solvent, for other coatings.</li> <li>For architectural applications where thinners, reducers,<br/>or other VOC<br/>containing materials are added, maintain daily records<br/>for each coating consisting of (a) coating type, (b) VOC<br/>content as applied in grams per liter (g/l) of materials<br/>used for low-solids coatings, (c) VOC content as applied<br/>in g/l of coating, less water and exempt solvent, for<br/>other coating. [RULE</li> <li>3004(a)(4) - Periodic Monitoring, 12-12-1997] [Devices<br/>subject to this<br/>condition: E14]</li> </ul> | representatives of the District,<br>ARB, U.S. EPA and the Energy<br>Commission.   | N/A              | N/A  | Ongoing     |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | TLB                     |

|       | A B C D E   |         |       |   |   |  | G  | Н           | 1  | J  | K   | L                  | М                 | Ν        | 0                           | Р                | Q          | R                 | s                         | T             | U              |
|-------|---|---------|-------|---|---|--|--|-------------|--|--|---|--------------------|-------------------|----------|-----------------------------|------------------|------------|-------------------|---------------------------|---------------|----------------|
| 1 St  | 1 Stanton Energy Reliability Center Compliance Matrix (16-AFC-01) |         |       |   |   |  |  |             |  |  | CBO Color Code:                                 |                    | Pre- Construction |          |                             |                  |            |                   |                           |               |                |
| 2 All | Phases  | ;       |       |   |   | 1  |  | 6/30/2040   |  |  |   |                    |                   |          | Construction                |                  |            |                   |                           |               |                |
| 3     |   |         |       | Revised 4/30/2019   |   | Based on Final S   | taff Assessment  |             |  |  |   |                    |                   |          | Commissioning<br>Operations |                  |            |                   |                           |               |                |
|       | hnical<br>ource   | Cond. # | Phase | Description   | Verification/Action/Submittal   | Submittal  | Date Submittal is<br>Required  | Due Date    |  | Compliance Status for CPM (Not started, in progress, completed (with |   | Condition Amended? |                   | Amended  | Date Submitted              | Date Approved by |            | Date Submitted    | Date Approved<br>by Other | Responsible   | SERC Project   |
| 79    | AQ  | AQ-SC1  | PC    | Air Quality Construction/Demolition Mitigation<br>Manager (AQCMM) - The project owner shall designate<br>and retain an on-site AQCMM who shall be responsible<br>for directing and documenting compliance with AQ-SC3<br>AQ-SC4, and AQ-SC5 for the entire project site and<br>linear facility construction.  | resume, qualifications, and   | Resume of AQCMM &<br>AQCMM Delegates   | At least 60 days prior<br>to ground disturbance  | 11/3/2018   | Date Submitted to CPM<br>11/1/2018<br>03/27/2019 | date))<br>Completed  | Date Approved by CPM<br>11/6/2018<br>04/03/2019 | I Yes or No        | Amendment Date    | Language | to CBO                      | СВО              | submit to? | to Other agencies | Agencies                  | Party<br>SERC | Manager<br>GAL |
| 80    | AQ  | AQ-SC2  | PC    | Air Quality Construction Mitigation Plan - The project<br>owner shall provide an AQCMP, for approval, which<br>details the steps that will be taken and the reporting<br>requirements necessary to ensure compliance with<br>AQSC3, AQ-SC4, and AQ-SC5.   | Submit the AQCMP to the CPM for<br>approval and the South Coast Air<br>Quality Management District<br>(District). The CPM will notify the<br>project owner of any necessary<br>modifications to the plan within 30<br>days from the date of receipt. The<br>AQCMP must be approved by the<br>CPM before the start of ground<br>disturbance. | 5  | At least 60 days prior<br>to ground<br>disturbance, the<br>project owner shall<br>submit the AQCMP to<br>the CPM   | 11/3/2018   | 11/1/2018  | Completed  | 11/19/2018                                      |                    |                   |          |                             |                  |            |                   |                           | SERC          | GAL            |
| 81    | AQ  | AQ-SC2a | PC    | Air Quality Construction Mitigation Plan - The project<br>owner shall provide an AQCMP, for approval, which<br>details the steps that will be taken and the reporting<br>requirements necessary to ensure compliance with<br>AQSC3, AQ-SC4, and AQ-SC5.   | Submit the AQCMP to the CPM for<br>approval and the South Coast Air<br>Quality Management District<br>(District). The CPM will notify the<br>project owner of any necessary<br>modifications to the plan within 30<br>days from the date of receipt. The<br>AQCMP must be approved by the<br>CPM before the start of ground<br>disturbance. |  | At least 60 days prior<br>to ground<br>disturbance, the<br>project owner shall<br>submit the AQCMP to<br>the South Coast Air<br>Quality Management<br>District (District). | 11/3/2018   |  | Completed  |   |                    |                   |          |                             |                  | SCAQMD     | 11/1/2018         |                           | SERC          | GAL            |
| 82    | AQ  | AQ-SC3  | CONS  | Air Quality Fugitive Dust MCR - The AQCMM shall<br>submit documentation to the CPM in each Monthly<br>Compliance Report (MCR) that demonstrates<br>compliance with the following mitigation measures for<br>the purposes of minimizing fugitive dust emissions<br>created from construction activities and preventing all<br>fugitive dust plumes from leaving the project site and<br>linear facility routes. Any deviation from the following<br>mitigation measures shall require prior CPM notification<br>and approval. (See Decision for list of items (A through<br>N)   | condition, including complaints<br>filed with the District and other<br>documentation necessary.<br>n   | MCR  | Monthly, no later<br>than 10 business days   | Monthly     |  | In Progress  |   |                    |                   |          |                             |                  |            |                   |                           | SERC          | GAL            |
| 83    | AQ  | AQ-SC4  | CONS  | AQ Dust Plume Monitoring - The AQCMM or delegate<br>shall monitor all construction activities for visible dust<br>plumes. Observations of visible dust plumes that have<br>the potential to be transported: (1) off the project site,<br>(2) 200 feet beyond the centerline of the construction<br>of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project<br>owner, indicate that existing mitigation measures are<br>not resulting in effective mitigation. The AQCMM or<br>delegate shall implement the following procedures for<br>additional mitigation measures in the event that such<br>visible dust plumes are observed and shall include a<br>section in the AQCMP detailing how the additional<br>mitigation measures will be accomplished within the<br>time limits specified: (See <b>Decision</b> AQ-SC4 for Steps 1<br>through 3 for dust plume response) | maintain compliance with this<br>condition, including complaints<br>filed with the District and other<br>documentation necessary.   | MCR  | Monthly, no later<br>than 10 business days   | Monthly     |  | In Progress  |   |                    |                   |          |                             |                  |            |                   |                           | SERC          | GAL            |
| 84    | AQ  | AQ-SC5  | CONS  | AQ Construction Mitigation Report - The AQCMM shall<br>submit to the CPM, in the MCR, a construction<br>mitigation report that demonstrates compliance with<br>the following mitigation measures for purposes of<br>controlling diesel construction related emissions. Any<br>deviation from the following mitigation measures shall<br>require prior CPM notification and approval. (See<br>Decision AQ-SC5 for items A through F).  | summary of all actions taken to<br>maintain compliance with this<br>condition; (2) a list of all heavy<br>equipment used on site during   | f  | Monthly, no later<br>than 10 business days   | Monthly     |  | In Progress  |   |                    |                   |          |                             |                  |            |                   |                           | SERC          | GAL            |
| 85    | AQ  | AQ-SC6a |       | Air Permit Modifications - The project owner shall<br>provide the CPM copies of any District-issued project ai<br>permit for the facility. The project owner shall submit to<br>the CPM for review and approval any modification<br>proposed by the project owner to any project air<br>permit. The project owner shall submit to the CPM any<br>modification to any permit proposed by the District or<br>U.S. EPA, and any revised permit issued by the District<br>or U.S. EPA, for the project.   | five working days of either: 1)<br>submittal by the project owner to<br>an agency, or 2) receipt of<br>proposed modifications from an<br>agency.  | The project owner<br>shall submit any<br>project air permit and<br>any proposed air<br>permit modification to<br>the CPM within five<br>working days of its<br>submittal either by 1)<br>the project owner to<br>an agency | Within 5 working days<br>of proposing permit<br>modification.  | Conditional |  | Not Started  |   |                    |                   |          |                             |                  |            |                   |                           | SERC          | GAL            |

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|-------|---|---------|------------------|--|---|--|---|-------------|-----------------------|---|----------------------|---------------------------------|-----------------------------|----------|--------------------------|-------------------------|------------------------------|----------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 Sta | 1 Stanton Energy Reliability Center Compliance Matrix (16-AFC-01) |         |                  |  |   |  |   |             |                       |   | CBO Color Code:      |                                 | Pre- Construction           |          |                          |                         |                              |                                  |                                       |                      |                         |
| 2 All | 2 All Phases  |         |                  | •  |   | 6/30/2040  |   |             |                       |   |                      |                                 | Construction                |          |                          |                         |                              |                                  |                                       |                      |                         |
| 3     | Revised 4/30/2019   |         | Based on Final S | taff Assessment  |   |  |   |             |                       |   |                      | Commissioning<br>Operations     |                             |          |                          |                         |                              |                                  |                                       |                      |                         |
| Tec   | hnical<br>source  | Cond. # | Phase            | Description  | Verification/Action/Submittal   | Submittal  | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended  | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 86    | AQ  | AQ-SC6b | CONS/COM,<br>OPS | Submit Modified Air Permit - See AQ-SC6a   | Submit modified permit to CPM   | The project owner<br>shall submit any<br>project air permit and<br>any proposed air<br>permit modification to<br>the CPM within five<br>working days of its<br>submittal either by 2)<br>receipt of proposed<br>modifications from an<br>agency. | Within 5 working days<br>of proposing permit<br>modification.                                   | Conditional | Date submitted to CPM | Not Started   | Date Approved by CPM | res un nu                       | Amenument Date              | Language |                          | 660                     | submit tor                   | to other agencies                | Agenties                              | SERC                 | GAL                     |
| 87    | AQ  | AQ-SC6c | CONS/COM,<br>OPS | Submit Modified Air Permit - See AQ-SC6a   | Submit modified permit to CPM   | The project owner<br>shall submit all<br>modified air permits<br>to the CPM .  | Within 15 days of<br>receipt  | Conditional |                       | Not Started   |                      |                                 |                             |          |                          |                         |                              |                                  |                                       | SERC                 | GAL                     |
| 88    | AQ  | AQ-SC7  | COM/OPS          | CPM Quarterly Operation Reports - Project owner shall<br>submit to the CPM Quarterly Operation Reports,<br>following the end of each calendar quarter.<br>Operational and emissions information as necessary to<br>demonstrate compliance with the Conditions of<br>Certification herein to be included.   | the CPM Quarterly Operation<br>Reports, following the end of each   | Quarterly Operation<br>Reports   | Quarterly, no later<br>than 30 days<br>following the end of<br>each calendar quarter            | Quarterly   |                       | Not Started   |                      |                                 |                             |          |                          |                         | SCAQMD                       |                                  |                                       | SERC                 | DSR                     |
| 89    | BIO   | BIO-1a  | PC               | Designated Biologist Selection - The project owner<br>shall assign at least one Designated Biologist to the<br>project. The project owner shall submit the resume of<br>the proposed Designated Biologist, with at least three<br>references and contact information, to the Energy<br>Commission compliance project manager (CPM) for<br>approval. The Designated Biologist must meet the<br>minimum qualifications (1) through (3) in this condition<br>(BIO-1). See Decision for qualifications.                            | The specified information shall be<br>submitted at least 75 days prior to<br>the start of pre-construction site<br>mobilization activities. No pre-<br>construction site mobilization or<br>construction-related activities shall<br>commence until an approved<br>Designated Biologist is available to<br>be on site.  |  | At least 75 days prior<br>to the start of pre-<br>construction site<br>mobilization activities. | 10/19/2018  | 9/27/2018             | Completed   | 10/17/2018           |                                 |                             |          |                          |                         |                              |                                  |                                       | JACOBS               | GAL                     |
| 90    | BIO   | BIO-1b  | PC/CONS          | Designated Biologist Selection - The project owner<br>shall assign at least one Designated Biologist to the<br>project. The project owner shall submit the resume of<br>the proposed Designated Biologist, with at least three<br>references and contact information, to the Energy<br>Commission compliance project manager (CPM) for<br>approval The Designated Biologist must meet the<br>minimum qualifications (1) through (3) in this condition<br>(BIO-1). See Decision for qualifications.                             | If a Designated Biologist is<br>replaced, the specified information<br>for the proposed replacement<br>must be submitted to the CPM at<br>least ten working days prior to the<br>termination or release of the<br>preceding Designated Biologist.   | DB Resume  | Notify CPM 10<br>working days in<br>advance of replacing<br>DB.                                 | Conditional |                       | Not Started   |                      |                                 |                             |          |                          |                         |                              |                                  |                                       | JACOBS               | GAL                     |
| 91    | BIO   | BIO-2a  | CONS             | Designated Biologist Duties - The project owner shall<br>ensure that the Designated Biologist performs the<br>following during any site (or related facilities)<br>mobilization, ground disturbance, grading, construction,<br>operation, closure, or restoration activities. The<br>Designated Biologist may be assisted by the approved<br>Biological Monitor(s) but remains the contact for the<br>project owner and CPM. The Designated Biologist duties<br>shall include the following: (See Decision for Items 1-<br>10) | document construction activities<br>that have the potential to affect<br>biological resources.  | Reports and<br>summaries in the MCR<br>and Annual<br>Compliance Report.  | Monthly/Annually  | Monthly     |                       | In Progress   |                      |                                 |                             |          |                          |                         |                              |                                  |                                       | SERC                 | GAL                     |
| 92    | BIO   | BIO-2b  | OPS              | mobilization, ground disturbance, grading, construction,<br>operation, closure, or restoration activities. The   | report<br>to the CPM copies of all written<br>reports and summaries that<br>document construction activities<br>that have the potential to affect<br>biological resources.  | MCR's and ACR's  | Monthly/Annually  | Monthly     |                       | In Progress   |                      |                                 |                             |          |                          |                         |                              |                                  |                                       | SERC                 | GAL                     |
| 93    | BIO   | BIO-3a  | PC               | Biological Monitor Selection - The project owner's<br>Designated Biologist shall submit the resumes, at least 3<br>references and contact information, of the proposed<br>Biological Monitors to the CPM for approval.   | Submit the specified information<br>to the CPM for approval no less<br>than 30 days prior to the start of<br>any pre-construction site<br>mobilization. The Designated<br>Biologist shall submit a written<br>statement to the CPM confirming<br>that the individual Biological<br>Monitor(s) have been trained<br>including the date when training<br>was completed. | BM's Quals   | At least 30 days prior<br>to the start of pre-<br>construction site<br>mobilization.            | 1/5/2019    | 11/1/2018             | Completed   | 11/14/2018           |                                 |                             |          |                          |                         |                              |                                  |                                       | JACOBS               | GAL                     |

|     | А                     | в       | C                | P   | F   | F  | G  | н           |                       | I   | ĸ                    | 1                  | м                           | N                   | 0                        | P                       | 0                            | R                                   | s                                     | т                    |                         |
|-----|-----------------------|---------|------------------|---|---|--|--|-------------|-----------------------|---|----------------------|--------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
|     |                       | n Energ | C                | lity Center Compliance Matrix (16-  | ΔFC-01)   |  | G  |             | 1                     | Ľ   | N                    | L                  | CBO Color Code:             |                     | Pre- Construction        | F                       | ų į                          | K                                   | 3                                     |                      |                         |
|     | All Phase             |         | , nenab          |   |   |  | l  | 6/30/2040   |                       |   |                      |                    |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 3   | -in mase              |         |                  |   |   |  |  |             |                       |   |                      |                    |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4   |                       |         |                  | Revised 4/30/2019   |   | Based on Final S   | taff Assessment  |             |                       |   |                      |                    |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
|     | Technical<br>Resource | Cond. # | Phase            | Description   | Verification/Action/Submittal   | Submittal  | Date Submittal is<br>Required  | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended? | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 94  | BIO                   | BIO-3b  | CONS/COM,<br>OPS | Biological Monitor Selection - The project owner's<br>Designated Biologist shall submit the resumes, at least 3<br>references and contact information, of the proposed<br>Biological Monitors to the CPM for approval.  | Submit the specified information<br>to the CPM for approval no less<br>than 30 days prior to the start of<br>any pre-construction site<br>mobilization. The Designated<br>Biologist shall submit a written<br>statement to the CPM confirming<br>that the individual Biological<br>Monitor(s) have been trained<br>including the date when training<br>was completed. | If Additional BMs are<br>needed during<br>construction   | Approval from CPM at<br>least 10 days prior to<br>their first day of<br>monitoring activities. | Conditional | 4/9/2019              | In Progress   | 4/18/2019            |                    |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 95  | BIO                   | BIO-4a  | CONS/COM,<br>OPS | Designated Biologist and Biological Monitor Authority<br>The project owner's construction/operation manager<br>shall act on the advice of the Designated Biologist and<br>Biological Monitor(s) to ensure conformance with the<br>biological resources conditions of certification. If<br>required by the Designated Biologist and/or Biological<br>Monitor(s) the project owner's construction/operation<br>manager shall halt all site mobilization, ground<br>disturbance, grading, construction, and operation<br>activities in areas specified by the Designated Biologist.<br>The Designated Biologist shall (paraphrase)have the<br>authority to stop construction and notify the CPM of<br>the work stoppage. | Ensure that the DB or BM notify<br>the CPM of any non-compliance or<br>halt of construction.  | BM Notify CPM  | Morning following the<br>incident (or Monday<br>morning in case of a<br>weekend)               | Conditional |                       | Not Started   |                      |                    |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 96  | BIO                   | BIO-4b  | CONS/COM,<br>OPS | Designated Biologist and Biological Monitor Authority<br>The project owner's construction/operation manager<br>shall act on the advice of the Designated Biologist and<br>Biological Monitor(5) to ensure conformance with the<br>biological resources conditions of certification. If<br>required by the Designated Biologist and/or Biological<br>Monitor(5) the project owner's construction/operation<br>manager shall hall all site mobilization, ground<br>disturbance, grading, construction, and operation<br>activities in areas specified by the Designated Biologist.<br>The Designated Biologist shall (paraphrase)have the<br>authority to stop construction and notify the CPM of<br>the work stoppage. | the CPM of any non-compliance or<br>halt of construction.   | Project Owner Notify<br>CPM of circumstances<br>and actions being<br>taken to resolve the<br>problem | Morning following the<br>incident (or Monday<br>morning in case of a<br>weekend)               | Conditional |                       | Not Started   |                      |                    |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 97  | BIO                   | BIO-5a  | PC               |   | start of any pre-construction site<br>mobilization, the project owner<br>shall provide to the CPM the<br>proposed WEAP and all supporting<br>written materials and electronic<br>media prepared or reviewed by<br>the Designated Biologist and a<br>resume of the person(s)   | Draft WEAP   | At least 45 days prior<br>to the start of pre-<br>construction site<br>mobilization            | 11/18/2018  | 10/18/2018            | Completed   | 12/13/2018           |                    |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 98  | BIO                   | BIO-5b  | PC               | Final WEAP - See BIO-5a   | At least 10 days prior to site and<br>related facilities mobilization, the<br>project owner shall submit two<br>copies of the CPM-approved<br>materials.  | Final WEAP   | At least 10 days prior<br>to start of site<br>mobilization                                     | 12/18/2018  | 1/10/2019             | Completed   | 1/23/2019            |                    |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 99  | BIO                   | BIO-5c  | CONS/OPS         | WEAP Training Acknowledgement Forms on File - See<br>BIO-5a   | acknowledgement forms and<br>receive a hardhat sticker indicating   | Training<br>acknowledgement<br>forms and issue hard<br>hat stickers                                  | Kept on file for six<br>months after<br>commercial operation<br>begins                         | 11/12/2020  |                       | In Progress   |                      |                    |                             |                     |                          |                         |                              |                                     |                                       | ARB                  | GAL                     |
| 100 | BIO                   | BIO-5d  | CONS/OPS         | WEAP Training Acknowledgement Forms on File - See<br>BIO-5a   | Workers sign training<br>acknowledgement forms and<br>receive a hardhat sticker indicating<br>they have received training.<br>Training acknowledgement forms<br>to be kept on file for six months<br>after commercial operation and<br>made available to the CPM on<br>request.   | who have completed   | Monthly  | Monthly     |                       | In Progress   |                      |                    |                             |                     |                          |                         |                              |                                     |                                       | ARB                  | GAL                     |

| 4            | А      | В       | C              | D  | F   | F  | G  | н   | 1  |   | к                                  | 1                               | м                           | N                   | 0                        | Р                       | 0                            | R                                   | s                                     | т                    | Ш                       |
|--------------|--------|---------|----------------|--|---|--|--|---|--|---|------------------------------------|---------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
|              |        | n Energ | gy Relia       | bility Center Compliance Matrix (16-   | AFC-01)   |  | G  |   |  | ,   | K                                  | L                               | CBO Color Code:             | N                   | Pre- Construction        |                         | <u>ч</u>                     | K                                   |                                       |                      | 0                       |
|              | Phases |         |                |  | ,   | 1  |  | 6/30/2040   |  |   |                                    |                                 |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 3            |        |         |                |  |   | Deceder Single   |  |   |  |   |                                    |                                 |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4            |        |         |                | Revised 4/30/2019  |   | Based on Final   | Staff Assessment   |   |  |   |                                    |                                 |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
| Tech<br>Reso |        | Cond. # | Phase          | Description  | Verification/Action/Submittal   | Submittal  | Date Submittal is<br>Required  | Due Date  | Date Submitted to CPM  | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM               | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| BI           | BIO    | BIO-5e  | CONS/CC<br>OPS |  | Workers sign training<br>acknowledgement forms and<br>receive a hardhat sticker indicating<br>they have received training.<br>Training acknowledgement forms<br>to be kept on file for six months<br>after commercial operation and<br>made available to the CPM on<br>request. | training for new   | Annually for<br>permanent<br>employees, training<br>within 1 week for new<br>employees   | Conditional   |  |   |                                    |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 102          | NO     | BIO-6a  | PC             | Biological Resources Mitigation Implementation and<br>Management Plan (BRMIMP) - The project owner shall<br>develop a BRMIMP and submit two copies of the<br>proposed BRMIMP to the CPM (for review and<br>approval) and to CDFW and USFWS (for review and<br>comment), if applicable, and shall implement the<br>measures identified in the approved BRMIMP. The<br>BRMIMP shall be prepared in consultation with the<br>Designated Biologist and shall identify items (1) through<br>(14) (See Decision for the listed items).   | CPM at least 45 days prior to start<br>of any pre-construction<br>mobilization.   | Draft BRMIMP   | At least 45 days prior<br>to the start of pre-<br>construction<br>mobilization   | 12/21/2018  | 10/19/2018   | Completed   | 12/13/2018                         |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| BI           | NO     | BIO-6b  | PC/CONS<br>PS  | (O Additional Permits (BRMIMP) - See BIO-6a If additional<br>permits are received after the BRMIMP is first<br>submitted, provide these to the CPM and submit a<br>revised BRMIMP.   | Submit permits not received<br>before the draft BRMIMP is<br>submitted to the CPM. Revised<br>and re-submit the BRMIMP to<br>include discussion of such permits.  | Revised BRMIMP   | Submit copies to CPM<br>with 5 days of receipt.<br>Provide revised<br>BRMIMP within 10<br>days of permit receipt               |   |  |   |                                    |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 105<br>BI    | BIO    | BIO-6c  | PC/CON         | 5 Modifying the BRMIMP - The project owner shall notify<br>the CPM no less than 5 working days before<br>implementing any modifications to the approved<br>BRMIMP to obtain CPM approval.  | Notify the CPM in 5 working days.<br>Any changes to the approved<br>BRMIMP must also be approved by<br>the CPM in consultation with<br>appropriate agencies to ensure no<br>conflicts exist.  | approved BRMMP   | Notify CPM no less<br>than 5 working days<br>before implementing<br>the modificaitons  | Conditional   |  | Not Started   |                                    |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| BI<br>105    | BIO    | BIO-6d  | CONS           | BRMIMP Monthly Compliance Report - See BIO-6a.<br>Implementation of BRMIMP measures shall be reported<br>in the monthly compliance reports by the Designated<br>Biologist (i.e., survey results, construction activities that<br>were monitored, species observed).  |   | MCR  | Monthly  | Monthly   |  | In Progress   |                                    |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| BI           | BIO    | BIO-6e  | CONS           | BRMIMP Construction Closure Report - See BIO-6a.<br>Provide a written Construction Closure Report<br>identifying which items of the BRMIMP have been<br>completed, a summary of all modifications to the<br>mitigation measure made during the project's site<br>mobilization, and ground disturbance, grading, and<br>construction phases, and which mitigation and<br>monitoring items are still outstanding.  | Submit Construction Closure<br>Report to CPM  | Construction Closure<br>Report                                       | Within 30 days of<br>construction<br>completion  | 5/8/2020  |  | Not Started   |                                    |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 107          | BIO    | BIO-7a  | CONS           | General Impact Avoidance and Mitigation Measures -<br>Implement the following measures during mobilization<br>and construction to avoid and minimize impacts to<br>biological resources: (See Decision for 12 specific<br>measures).   |   |  | Monthly  | Monthly   |  | In Progress   |                                    |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| BI<br>108    | BIO    | BIO-7b  | CONS           |  | All mitigation measures and their<br>implementation methods shall be<br>included in the BRMIMP.   |  | Within 30 days of the<br>completion of<br>construction (CCR),<br>implementation of<br>measures ongoing<br>during construction. | 5/8/2020  |  | Not Started   |                                    |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| BI           | 8IO    | BIO-8a1 | PC/CON         | S Pre-Construction Nest Surveys and Impact Avoidance<br>and Minimization Measures for Breeding Birds - Field<br>Notes - Pre-construction nest surveys shall be<br>conducted if construction work will occur from Februar<br>15 through August 31 The term "work" shall be defined<br>as all site assessment, pre-construction activities, site<br>mobilization, and ground disturbing construction<br>activities. The Designated Biologist or Biological Monitor<br>shall perform surveys in accordance with the following<br>guidelines: (See Decision for 8 specific guideline items -<br>the following is a brief summary). These include survey<br>within 500 feet of the project boundary. Two pre-<br>construction surveys, separated by a 10-day interval.<br>Conduct surveys no more than 14 days before<br>construction start. One survey within 3 days before<br>construction start. Establish buffer zones for active<br>nests. Inform the CPM of nest finds. | USFWS at least 2 weeks prior to<br>initiating surveys; notification shall<br>include the name and resume of<br>the biologist(s) conducting the<br>surveys and the timing of the<br>surveys.   | Provide field notes to<br>CPM and CDFW within<br>24 hours of survey. |  | 2/1/2019 or<br>2/4/2019 5/8/2019<br>5/22/2019<br>For Gas Line:<br>7/31/19 | 1/22/2019<br>2/4/2019<br>7/3/2019<br>7/9/2019<br>8/7/2019<br>8/7/2019<br>8/21/2019 | In Progress   | 7/3/2019<br>7/11/2019<br>8/23/2019 |                                 |                             |                     |                          |                         | CDFW, USFWS                  | 1/22/2019                           |                                       | JACOBS               | GAL                     |

| А                   |        | В      | С       | D   | E   | F   | G  | Н   | 1   | J           | К                    | L                               | М                           | N                   | 0  | Р   | 0                            | R                                   | S                                     | T                    | U                       |
|---------------------|--------|--------|---------|---|---|---|--|---|---|-------------|----------------------|---------------------------------|-----------------------------|---------------------|--|---|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 Stan              | ton Er | nergy  | Reliabi | lity Center Compliance Matrix (16-  | AFC-01)   |   | - 1  |   |   |             |                      |                                 | CBO Color Code:             |                     | Pre- Construction                                  |   |                              |                                     | -                                     | -                    | -                       |
| 2 All Pha           |        |        |         |   | ·   | I   |  | 6/30/2040   |   |             |                      |                                 |                             |                     | Construction                                       |   |                              |                                     |                                       |                      |                         |
| 3                   |        |        |         |   |   | Peeed on Fig. 1.5   |  |   |   |             |                      |                                 |                             |                     | Commissioning                                      |   |                              |                                     |                                       |                      |                         |
| 4                   |        |        |         | Revised 4/30/2019   |   | Based on Final S  | taff Assessment  |   |   |             |                      |                                 |                             |                     | Operations   |   |                              |                                     |                                       |                      |                         |
| Technic<br>Resour   | ce     | ond. # | Phase   | Description   | Verification/Action/Submittal   | Submittal   | Date Submittal is<br>Required  | Due Date  | Date Submitted to CPM                         |             | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO                           | Date Approved by<br>CBO   | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| BIO                 | BIC    | O-8a2  | CONS    | Pre-Construction Nest Surveys and Impact Avoidance<br>and Minimization Measures for Breeding Birds - Field<br>Notes - Pre-construction nest surveys shall be<br>conducted if construction work will occur from February<br>15 through August 31 The term "work" shall be defined<br>as all site assessment, pre-construction activities, site<br>mobilization, and ground disturbing construction<br>activities. The Designated Biologist or Biological Monitor<br>shall perform surveys in accordance with the following<br>guidelines: (See <b>Decision</b> for 8 specific guideline items -<br>the following is a brief summary). These include survey<br>within 500 feet of the project boundary. Two pre-<br>construction surveys, separated by a 10-day interval.<br>Conduct surveys no more than 14 days before<br>construction start. Once survey within 3 days before<br>construction start. Establish buffer zones for active<br>nests. Inform the CPM of nest finds. |   | Provide field notes to<br>CPM and CDFW within<br>24 hours of survey.  | Provide field notes<br>within 24 hours of<br>survey  | 1/21/2019<br>2/1/2019<br>2/1/2019<br>2/11/2019<br>For Gas Line:<br>8/19/19                | 1/22/2019<br>2/1/2019<br>5/7/19               | Completed   |                      |                                 |                             |                     |  |   | CDFW, USFWS                  |                                     |                                       | JACOBS               | GAL                     |
| 110<br>BIO<br>111   |        | IO-8b  | CONS    | Preconstruction Nest Survey Letter Report - (See<br>Decision BIO-8a for specific guideline items)   | the preconstruction nest surveys  | preconstruction<br>survey findings  | Prior to the start of<br>pre-construction<br>mobilization  | 1/22/2019,<br>2/2/2019, 2/5/2019<br>(optional)<br>2/12/2019<br>For Gas Line:<br>8/19/2019 | 1/28/2019<br>2/8/2019<br>2/27/2019<br>8/16/19 | In Progress |                      |                                 |                             |                     |  |   | CDFW, USFWS                  | Gas Line: 5/7/19                    |                                       | JACOBS               | GAL                     |
| BIO<br>112          | BIO    | IO-8c  | CONS    | Implementation of Nest Surveys and Inclusion in<br>BRMIMP - (See Decision BIO-8a for specific guideline<br>items)   | All impact avoidance and<br>minimization measures related to<br>nesting birds shall be included in<br>the BRMIMP and implemented.                               | Revised BRMIMP (BIO-<br>6)  | After pre-<br>construction nesting<br>surveys  | Ongoing<br>For Gas Line 9/5/19  | N/A   | Not Started | N/A                  |                                 |                             |                     |  |   |                              |                                     |                                       | JACOBS               | GAL                     |
| BIO<br>113          | BIC    | IO-8d  | CONS    | Monthly Reporting for Preconstruction Nest Surveys -<br>(See Decision BIO-8 for 8 specific guideline items)   | Implementation of the measures<br>shall be reported in the MCRs by<br>the Designated Biologist.   | MCR   | Monthly  | Monthly   |   | In Progress |                      |                                 |                             |                     |  |   |                              |                                     |                                       | JACOBS               | GAL                     |
| BIO<br>114          |        | IO-9a  |         | Jack and Bore Drilling Best Management Practices -<br>During construction using jack and bore drilling<br>techniques the Designated Biologist or Biological<br>Monitor must be present at all times. The Designated<br>Biologist or Biological Monitor must be allowed to<br>monitor all activities pertaining to drilling under Carbon<br>Creek Channel and the Anaheim-Barber Channel, and<br>shall be given authority to do the following, including<br>but not limited to: (See Decision for 6 items)   | event of a frac-out, non-<br>compliance, or halt of jack-and-<br>bore operations.   | Notification of a frac-<br>out to CPM and CDFW  | No later than the<br>following morning of<br>the incident or<br>Monday morning in<br>case of a weekend | Conditional   |   | Not Started |                      |                                 |                             |                     |  |   |                              |                                     |                                       | SERC                 | GAL                     |
| BIO<br>115          | BIC    | IO-9b  | CONS    | Jack and Bore Drilling Best Management Practices -<br>During construction using jack and bore drilling<br>techniques the Designated Biologist or Biological<br>Monitor must be present at all times. The Designated<br>Biologist or Biological Monitor must be allowed to<br>monitor all activities pertaining to drilling under Carbon<br>Creek Channel and the Anaheim-Barber Channel, and<br>shall be given authority to do the following, including<br>but not limited to: (See Decision for 6 items)   | Notify the CPM and CDFW in the<br>event of a frac-out, non-<br>compliance, or halt of jack-and-<br>bore operations.   | Notification of any<br>non-compliance or a<br>halt of any jack and<br>bore drilling<br>operations to CPM<br>and CDFW and actions<br>being taken to resolve<br>the problem | No later than the<br>following morning of<br>the incident or<br>Monday morning in<br>case of a weekend | Conditional   |   | Not Started |                      |                                 |                             |                     |  |   |                              |                                     |                                       | SERC                 | GAL                     |
| CIVIL               | CIV    | VIL-1a | PC/CONS | Drainage Structure Design and Grading Plan - Submit to<br>the CBO for review and approval the design of the<br>proposed drainage structures and the grading plan; an<br>erosion and sedimentation control plan; a construction<br>storm water pollution prevention plan; related<br>calculations and specifications, signed and stamped by<br>the responsible civil engineer; and soils, geotechnical, or<br>foundation investigations reports required by the 2016<br>CBC.   | and CBO-approved alternative<br>time frame) prior to the start of<br>site grading, submit the<br>documents described in this<br>condition to the CBO for design | Proposed drainage<br>structures and grading<br>plan   | At least 15 days prior<br>to the start of site<br>grading  |   |   |             |                      |                                 |                             |                     | 1-1.2 5/24/19 PC3<br>1-1.3 1/17/2019<br>PC1        | 1.1: 2/8/19<br>(conditional)<br>1.2: 2/8/19<br>1-1.0 2/8/19 PC2<br>1-1.1 6/14/19 PC3<br>1-1.10 2/8/19 PC2<br>1-1.2 6/14/19 PC3<br>1-3.2/8/19 PC2<br>1-1.3 6/14/19 PC3<br>1.4 2/8/19 PC2 |                              |                                     |                                       | SERC                 | TAT                     |
| 116<br>CIVIL<br>117 | CIV    | VIL-1b | PC      | Erosion and Sedimentation Control Plan - See CIVIL-1a   | and CBO-approved alternative  | Erosion and<br>Sedimentation Control<br>Plan  | At least 15 days prior<br>to the start of site<br>grading  | 12/18/2018  |   | Completed   |                      |                                 |                             |                     | 1-1.3 2/6/19 PC2<br>1.1: 1/17/2019<br>1.2: 1/18/19 | 1-1.4 6/14/19 PC3<br>1.1: 2/8/19<br>(conditional)<br>1.2: 2/8/19  |                              |                                     |                                       | SERC                 | TAT                     |
| CIVIL<br>118        | CIV    | VIL-1c | PC      | Construction Stormwater Pollution Prevention Plan -<br>See CIVIL-1a   | At least 15 days (or project owner-<br>and CBO-approved alternative   | Construction<br>Stormwater Pollution<br>Prevention Plan   | At least 15 days prior<br>to the start of site<br>grading  | 12/18/2018  |   | Completed   |                      |                                 |                             |                     | 1/7/2019   | 2/6/2019  |                              |                                     |                                       | SERC                 | TAT                     |

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|------------------|-------|----------|-----------|--|--|---|---|-------------|-----------------------|---|----------------------|-----------------------------------|-----------------------------|---------------------|--------------------------------|---|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 Stan           | nton  | Energy   | v Reliahi | lity Center Compliance Matrix (16-   | AFC-01)  |   | 3   |             |                       | ,   | N                    |                                   | CBO Color Code:             | (N                  | Pre- Construction              | r   | <u> </u>                     | n                                   | J                                     | 1                    |                         |
| 2 All Ph         |       |          |           |  |  | I   | 1   | 6/30/2040   |                       |   |                      |                                   |                             |                     | Construction                   |   |                              |                                     |                                       |                      | +                       |
| 3                | lases |          |           |  |  |   |   | .,,         |                       |   |                      |                                   |                             |                     | Commissioning                  |   |                              |                                     |                                       |                      | +                       |
| 4                |       |          |           | Revised 4/30/2019  |  | Based on Final S  | Staff Assessment  |             |                       |   |                      |                                   |                             |                     | Operations                     |   |                              |                                     |                                       |                      |                         |
| Techni<br>Resou  |       | Cond. #  | Phase     | Description  | Verification/Action/Submittal  | Submittal   | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPN | Condition Amended?<br>1 Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO       | Date Approved by<br>CBO                     | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| CIVI<br>19       | IL    | CIVIL-1d | PC        | Related Calculations and Specs Stamped by Civil<br>Engineer - See CIVIL-1a   | At least 15 days (or project owner-<br>and CBO-approved alternative<br>time frame) prior to the start of<br>site grading, submit the<br>documents described in this<br>condition to the CBO for design<br>review and approval. | Related Calculations<br>and Specs Signed and<br>Stamped by<br>Responsible Civil<br>Engineer | At least 15 days prior<br>to the start of site<br>grading; and notify<br>CPM in MCR following<br>the CBO's approval | 12/18/2018  |                       | Completed   |                      |                                   |                             |                     | 1.1: 1/17/2019<br>1.2: 1/18/19 | 1.1: 2/8/19<br>(conditional)<br>1.2: 2/8/19 |                              |                                     | -                                     | SERC                 | TAT                     |
| CIVI<br>20       |       | CIVIL-1e | PC        | Soils, Geotechnical, or Foundation Reports - See CIVIL-<br>1a  | and CBO-approved alternative<br>time frame) prior to the start of<br>site grading, submit the<br>documents described in this<br>condition to the CBO for design<br>review and approval.  | Foundation<br>Investigation Reports<br>required by the 2016<br>CBC                          | At least 15 days prior<br>to the start of site<br>grading   | 12/18/2018  |                       | Completed   |                      |                                   |                             |                     | Ongoing                        |   |                              |                                     |                                       | SERC                 | TAT                     |
| 21               |       | CIVIL-1f | PC        | Approval of all CIVIL 1a Submittals Noted in MCR - See<br>CIVIL-1a   | Statement in the MCR certifying<br>that the documents (CIVIL-1a)<br>have been approved by the CBO.   | MCR   | Next MCR after<br>approval by CBO   | 3/13/2019   |                       | Completed   |                      |                                   |                             |                     | 3/13/19<br>4/11/19             |   |                              |                                     |                                       | SERC                 | GAL                     |
| CIVI<br>22       |       | CIVIL-2a | CONS      | Adverse Soil/Geologic Conditions - The resident<br>engineer shall, if appropriate, stop all earthwork and<br>construction in the affected areas when the responsible<br>soils engineer, geotechnical engineer, or the civil<br>engineer experienced and knowledgeable in the<br>practice of soils engineering, identifies unforeseen<br>adverse soil or geologic conditions. The project owner<br>shall submit modified plans, specifications, and<br>calculations to the CBO based on these new conditions.<br>The project ownershall obtain approval from the CBO<br>before resuming earthwork and construction in the<br>affected area.   | these new conditions.  | and calculations to<br>CBO  | when unforseen<br>adverse soil or<br>geologic conditions<br>are identified by RE                                    | Conditional |                       |   |                      |                                   |                             |                     | Conditional                    |   |                              |                                     |                                       | SERC                 | GAL                     |
| CIVI             | IL    | CIVIL-2b | CONS      | Adverse Soil/Geologic Conditions - The resident<br>engineer shall, if appropriate, stop all earthwork and<br>construction in the affected areas when the responsible<br>soils engineer, geotechnical engineer, or the civil<br>engineer experienced and knowledgeable in the<br>practice of soils engineering, identifies unforeseen<br>adverse soil or geologic conditions. The project owner<br>shall submit modified plans, specifications, and<br>calculations to the CBO based on these new conditions.<br>The project ownershall obtain approval from the CBO<br>before resuming earthwork and construction in the<br>affected area.   | stopped as a result of unforeseen<br>adverse geologic/soil conditions.   | Notify CPM of a work<br>stoppage  | Notify within 24 hours  | Conditional |                       | Not Started   |                      |                                   |                             |                     | Conditional                    |   |                              |                                     |                                       | SERC                 | GAL                     |
| 23<br>Civi<br>24 | IL    | CIVIL-2c | CONS      | Adverse Soil/Geologic Conditions - The resident<br>engineer shall, if appropriate, stop all earthwork and<br>construction in the affected areas when the responsible<br>soils engineer, geotechnical engineer, or the civil<br>engineer rexperienced and knowledgeable in the<br>practice of soils engineering, identifies unforeseen<br>adverse soil or geologic conditions. The project owner<br>shall submit modified plans, specifications, and<br>calculations to the CBO based on these new conditions.<br>The project ownershall obtain approval from the CBO<br>before resuming earthwork and construction in the<br>affected area.  | the project owner shall provide to<br>the CPM a copy of the CBO's<br>approval  |   | Within 24 hours of<br>the CBO's approval to<br>resume work  | Conditional |                       | Not Started   |                      |                                   |                             |                     |                                |   |                              |                                     |                                       | SERC                 | GAL                     |
| CIVI             | IL    | CIVIL-3a | CONS      | Inspections and Discrepancy Reporting - The project<br>owner shall perform inspections in accordance with the<br>2016 CBC. All plant site-grading operations, for which a<br>grading permit is required, shall be subject to inspectior<br>by the CBO. If, in the course of inspection, it is<br>discovered that the work is not being performed in<br>accordance with the approved plans, the discrepancies<br>shall be reported immediately to the resident engineer,<br>the CBO, and the CPM. The project owner shall prepare<br>a written report, with copies to the CBO and the CPM,<br>detailing all discrepancies, non-compliance items, and<br>the proposed corrective action. | <ul> <li>any discrepancies, the resident<br/>engineer shall transmit to the CBO<br/>a non-conformance report (NCR),<br/>and the proposed corrective<br/>action for review and approval.</li> </ul>                             | conformance report to<br>CBO and proposed   | Non-conformance<br>report within 5 days<br>of the discovery of<br>any discrepancies                                 | Conditional |                       |   |                      |                                   |                             |                     | conditional                    |   |                              |                                     |                                       | SERC                 | TLB/TAT                 |

| А              |       | В       | С       | D  | E  | F  | G   | Н           | 1                     | J   | к                    | L                               | м                           | N                   | 0                           | Р                       | Q                               | R                                   | S                                     | Т                    | U                       |
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| 1 Stan         | ton E | nergy   | Reliabi | lity Center Compliance Matrix (16-   | AFC-01)  |  |   |             |                       |   |                      |                                 | CBO Color Code:             |                     | Pre- Construction           |                         |                                 |                                     |                                       |                      |                         |
| 2 All Ph       | ases  |         |         |  |  | 1  |   | 6/30/2040   |                       |   |                      |                                 |                             |                     | Construction                |                         |                                 |                                     |                                       |                      |                         |
| 3              | _     |         |         | Revised 4/30/2019  |  | Based on Final S   | taff Assessment   |             |                       |   |                      |                                 |                             |                     | Commissioning<br>Operations |                         |                                 |                                     |                                       |                      |                         |
|                |       |         |         | Revised 4/50/2015  |  |  |   |             |                       |   |                      |                                 |                             |                     |                             |                         |                                 |                                     |                                       |                      |                         |
| Techn<br>Resou |       | ond. #  | Phase   | Description  | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO    | Date Approved by<br>CBO | Other Agencies to<br>submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| CIVI           | L CI  | IVIL-3b | CONS    | owner shall perform inspections in accordance with the<br>2016 CBC. All plant site-grading operations, for which a<br>grading permit is required, shall be subject to inspection   | engineer shall transmit to the CPM                                       | conformance report to<br>CPM and proposed  | Non-conformance<br>report within 5 days<br>of the discovery of<br>any discrepancies   | Conditional |                       | Not Started   |                      |                                 |                             |                     |                             |                         |                                 |                                     |                                       | SERC                 | TLB/TAT                 |
| CIVI           | L CI  | IVIL-3c | CONS    | Inspections and Discrepancy Reporting - The project<br>owner shall perform inspections in accordance with the<br>2016 CBC. All plant site-grading operations, for which a<br>grading permit is required, shall be subject to inspection<br>by the CBO. If, in the course of inspection, it is<br>discovered that the work is not being performed in<br>accordance with the approved plans, the discrepancies<br>shall be reported immediately to the resident engineer,<br>the CBO, and the CPM. The project owner shall prepare<br>a written report, with copies to the CBO and the CPM,<br>detailing all discrepancies, non-compliance items, and<br>the proposed corrective action. | the NCR, the project owner shall<br>submit the details of the corrective | Project owner shal<br>submit details of<br>corrective action to<br>CBO                                       | within 5 days of<br>resolution of non-<br>compliance report   | Conditional |                       |   |                      |                                 |                             |                     | conditional                 |                         |                                 |                                     |                                       | SERC                 | TLB/TAT                 |
| CIVI<br>128    | L CI  | IVIL-3d | CONS    | Inspections and Discrepancy Reporting - The project<br>owner shall perform inspections in accordance with the<br>2016 CBC. All plant site-grading operations, for which a<br>grading permit is required, shall be subject to inspection<br>by the CBO. If, in the course of inspection, it is<br>discovered that the work is not being performed in<br>accordance with the approved plans, the discrepancies<br>shall be reported immediately to the resident engineer,<br>the CBO, and the CPM. The project owner shall prepare<br>a written report, with copies to the CBO and the CPM,<br>detailing all discrepancies, non-compliance items, and<br>the proposed corrective action. | submit the details of the corrective                                     | Project owner shal<br>submit details of<br>corrective action to<br>CBO                                       | within 5 days of<br>resolution of non-<br>compliance report   | Conditional |                       | Not Started   |                      |                                 |                             |                     | conditional                 |                         |                                 |                                     |                                       | SERC                 | TLB/TAT                 |
| CiVI           | L CI  | IVIL-3e | CONS    | Inspections and Discrepancy Reporting - The project<br>owner shall perform inspections in accordance with the<br>2016 CBC. All plant site-grading operations, for which a<br>grading permit is required, shall be subject to inspection<br>by the CBO. If, in the course of inspection, it is<br>discovered that the work is not being performed in<br>accordance with the approved plans, the discrepancies<br>shall be reported immediately to the resident engineer,<br>the CBO, and the CPM. The project owner shall prepare<br>a written report, with copies to the CBO and the CPM,<br>detailing all discrepancies, non-compliance items, and<br>the proposed corrective action. | month shall also be included in the<br>following monthly compliance      | MCR  | Monthly   | Monthly     |                       | In Progress   |                      |                                 |                             |                     |                             |                         |                                 |                                     |                                       | SERC                 | TLB                     |
| CIVI           | L CI  | IVIL-4a | CONS    | Final Grading Plan Approval - After completion of<br>finished grading and erosion and sedimentation control<br>and drainage work, the project owner shall obtain the<br>CBO's approval of the final grading plans (including final<br>changes) for the erosion and sedimentation control<br>work. The civil engineer shall state that the work within<br>his/her area of responsibility was done in accordance<br>with the final approved plans.   | drainage work.   | Final grading and<br>drainage plans with<br>engineer's signed<br>statement (See<br><b>Decision</b> wording). | Within 30 days of the<br>completion of the<br>erosion and sediment<br>control mitigation and<br>drainage work (or<br>CBO-approved<br>alternative time<br>frame) | 5/1/2020    |                       | In Progress   |                      |                                 |                             |                     |                             |                         |                                 |                                     |                                       | POWER                | TAT                     |
| CIVI           | L CI  | IVIL-4b |         | Final Grading Plan Approval - After completion of<br>finished grading and erosion and sedimentation control<br>and drainage work, the project owner shall obtain the<br>CBO's approval of the final grading plans (including final<br>changes) for the erosion and sedimentation control<br>work. The civil engineer shall state that the work within<br>his/her area of responsibility was done in accordance<br>with the final approved plans.   | drainage work.   | Project owner shall<br>submit copy of CBO's<br>approval to CPM in<br>next monthly<br>compliance report       | Upon CBO approval in<br>next monthly<br>compliance report   | Monthly     | 9/14/2018             | Completed   | 10/19/2018           |                                 |                             |                     |                             |                         |                                 |                                     |                                       | SERC                 | GAL                     |

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|-----|-----------------------|---------|-----------|---|--|--|---|-------------|---|---|----------------------|---------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
|     |                       | n Energ | v Reliahi | lity Center Compliance Matrix (16-  | L ⊧<br>AFC-01)   | F  | 6   | н           | 1   | J   | ĸ                    | L                               | CBO Color Code:             |                     | Pre- Construction        | P                       | Q                            | к                                   | 5                                     | I                    |                         |
|     | All Phase             | -       | y itenab  |   |  |  |   | 6/30/2040   |   |   |                      |                                 |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 3   | All Thase             |         |           |   |  |  |   |             |   |   |                      |                                 |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4   |                       |         |           | Revised 4/30/2019   |  | Based on Final S                                       | taff Assessment   |             |   |   |                      |                                 |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
| 5   | Technical<br>Resource | Cond. # | Phase     | Description   | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM   | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 132 | СОМ                   | COM-1   |           | Unrestricted Access -The project owner shall take all<br>steps necessary to ensure that the CPM, responsible<br>Energy Commission staff, and delegate agencies or<br>consultants, have unrestricted access to the facility site<br>related facilities, project-related staff, and the records<br>maintained on-site for the purpose of conducting<br>audits, surveys, inspections, or general or closure-<br>related site visits.   |  |  | Life of the project   | Conditional |   | In Progress   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | TLB                     |
| 133 | СОМ                   | COM-10  |           | Amendments, Staff-Approved Project Modifications,<br>Ownership Changes, and Verification Changes - The<br>project owner shall petition the Energy Commission,<br>pursuant to Title 20, California Code of Regulations,<br>section 1769, to modify the design, operation, or<br>performance requirements of the project or linear<br>facilities, or to transfer ownership or operational<br>control of the facility. The CPM will determine whether<br>staff approval will be sufficient, or whether Commission<br>approval will be necessary. It is the project owner's<br>responsibility to contact the CPM to determine if a<br>proposed project change triggers the required<br>contents for a Petition to Amend an Energy Commission<br>Decision. The only change that can be requested by<br>means of a letter to the CPM is a request to change the<br>verification method of a condition of certification. | Petition to Amend reimbursement<br>fees owed by a project owner will<br>not exceed \$830,336, adjusted<br>annually. Current amendment fee<br>information is available on the<br>Energy Commission's website at<br>http://www.energy.ca.gov/siting/fi |  | Life of the project   | Conditional | PTA#1 - Additional<br>Laydown Area -<br>5/22/2019 PTA#2<br>SoCalGas Additional<br>Laydown Area -<br>8/19/2019 | In Progress   | 6/21/2019            | No                              |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | PZC                     |
| 133 | СОМ                   | COM-11  |           | Reporting of Complaints, Notices, and Citations - Prior<br>to the start of construction or closure, the project<br>owner shall send a letter to property owners within one<br>mile of the project, notifying them of a telephone<br>number to contact project representatives with<br>questions, complaints or concerns. If the telephone is<br>not staffed 24 hours per day, it must include automatic<br>answering with date and time stamp recording. (See<br>Decision COM-11 for specifications).   | all recorded complaints within 24<br>hours or the next business day.<br>The project owner shall post the<br>telephone number onsite and<br>make it easily visible to passersby   | Reports of complaints                                  | Within 5 business<br>days of complaint<br>receipt, and MCR,<br>ACR, or PCR. | Conditional | 12/17/2018  | Completed   | 1/17/2019            |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 135 | СОМ                   | COM-12a | PC/CONS   | Emergency Response Site Contingency Plan - No less<br>than 60 days prior to the start of construction (or other<br>CPM-approved) date, the project owner shall submit,<br>for CPM review and approval, an Emergency Response<br>Site Contingency Plan. The Contingency Plan shall<br>evidence a facility's coordinated emergency response<br>and recovery preparedness for a series of reasonably<br>foreseeable emergency events.  |  | Emergency Response<br>Site Contingency Plan            | 60 days before start<br>of construction                                     | 1/21/2019   | 1/25/2019   | Completed   | 1/29/2019            |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | TLB                     |
| 126 | СОМ                   | COM-12b | COM/OPS   | Emergency Response Site Contingency Plan -<br>Subsequently, no less than 60 days prior to the start of<br>commercial operation, the project owner shall update<br>(as necessary) and resubmit the Contingency Plan for<br>CPM review and approval. The Contingency Plan shall<br>evidence a facility's coordinated emergency response<br>and recovery preparedness for a series of reasonably<br>foreseeable emergency events.  |  | Updated Emergency<br>Response Site<br>Contingency Plan | 60 prior to COD   | 1/17/2020   |   | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 136 | СОМ                   | COM-13a |           | Incident-Reporting Requirements - The project owner<br>shall notify the CPM within one hour after it is safe and<br>feasible, of any incident at the facility that<br>results in (See <b>Decision</b> COM-13 for incident types that<br>apply).   | suppression; chemical, gas, or hazmat release; odorous material  | Detailed Incident<br>Report                            | Within 6 business<br>days of the incident                                   | Conditional |   | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |

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|--------|---------------------|---------|------------------|--|--|--|--|-------------|-----------------------|-------------|----------------------|---------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
|        |                     | D       | C                | lity Center Compliance Matrix (16-   | AFC-01)  | F  | 0  | п           |                       | ر           | N.                   |                                 | CBO Color Code:             |                     | Pre- Construction        | r                       | у<br>У                       | Γ.                                  | 3                                     | I                    | U                       |
|        | ll Phase            |         |                  |  |  |  |  | 6/30/2040   |                       |             |                      |                                 |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 3      | a mase              |         |                  |  |  |  |  |             |                       |             |                      |                                 |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4      |                     |         |                  | Revised 4/30/2019  |  | Based on Final S   | taff Assessment  |             |                       |             |                      |                                 |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
| 5<br>5 | echnical<br>esource | Cond. # | Phase            | Description  | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required  | Due Date    | Date Submitted to CPM |             | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 138    | СОМ                 | COM-13b | CONS/COM,<br>OPS | Incident-Reporting Requirements - The project owner<br>shall notify the CPM within one hour after it is safe and<br>feasible, of any incident at the facility that<br>results in (See <b>Decision</b> COM-13 for incident types that<br>apply).  | project owner shall start<br>submitting monthly status reports;  |  | monthly after incident   | Conditional |                       | Not Started |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 139    | СОМ                 | COM-14  | OPS              | Non-Operation and Repair/Restoration Plan -No later<br>than two weeks prior to a facility's planned non-<br>operation, or no later than one week after the start of<br>unplanned non-operation, the project owner shall<br>notify the CPM, interested agencies, and nearby<br>property owners of this status. During non-operation,<br>the project owner shall provide written updates to the<br>CPM.  | will determine when renorting is   |  | No later than two<br>weeks prior to<br>facility's planned non-<br>operation.                       | 6/16/2040   |                       | Not Started |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 140    | СОМ                 | COM-15  | OPS              | Facility Closure Planning -No less than one year prior to<br>closing, or upon an order compelling permanent<br>closure, the owner shall submit a Final Closure Plan and<br>Cost Estimate.  |  |  | No less than one year<br>prior to closing, or<br>upon an order<br>compelling<br>permanent closure. | 7/1/2039    |                       |             |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 141    | СОМ                 | COM-2   |                  | Compliance Record - The project owner shall maintain<br>electronic copies of all project files and submittals on-<br>site, or at an alternative site approved by the CPM, for<br>the operational life and closure of the project.  | Energy Commission staff and<br>delegate agencies shall, upon<br>request to the project owner, be<br>given unrestricted access to the<br>files maintained pursuant to this<br>condition. Files include Final<br>Decision; Petitions, Amendments | NA   | Life of the project  | Ongoing     |                       | In Progress |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | TLB                     |
| 142    | СОМ                 | COM-3   |                  |  | A cover letter from the project<br>owner or an authorized agent is<br>required for all compliance  | Verification submittals  | Life of the project  | Ongoing     |                       | In Progress |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 142    | СОМ                 | COM-4a  | PC               | Pre-Construction Matrix and Tasks Prior to Start of<br>Construction. Prior to construction, the project owner<br>shall submit to the CPM a compliance matrix including<br>only those conditions that must be fulfilled before the<br>start of construction. The matrix shall be included with<br>the project owner's first compliance submittal or prior<br>to the first pre-construction meeting, whichever comes<br>first, and shall be submitted in a format similar to the<br>description<br>below (See <b>Decision</b> COM-4 for specifications). | activities shall not start until the<br>following have occurred:<br>1. the project owner has<br>submitted the pre-construction<br>matrix and all compliance<br>verifications pertaining to pre-  | Pre-construction<br>matrix and pre-<br>construction<br>verifications | Before site<br>mobilization  | 10/19/2018  | 9/14/2018             | Completed   | 10/19/2018           |                                 |                             |                     | (Ref Only)               |                         |                              |                                     |                                       | SERC                 | GAL                     |

| Δ               | -     | в       | C                   | D   | F   | F   | 6   | Н          | 1   | <b>I</b> 1  | к   |                    | м                           | N        | 0   | P                       | 0                            | R                                   | S                                     | т                    | Ш              |
|-----------------|-------|---------|---------------------|---|---|---|---|------------|---|---|---|--------------------|-----------------------------|----------|---|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|----------------|
| 1 Stan          | ton E | Energy  | y Reliab            | ility Center Compliance Matrix (16-   | AFC-01)   |   |   |            |   |   |   |                    | CBO Color Code:             |          | Pre- Construction   |                         |                              |                                     |                                       |                      |                |
| 2 All Pha       |       |         |                     |   |   |   |   | 6/30/2040  |   |   |   |                    |                             |          | Construction  |                         |                              |                                     |                                       |                      |                |
| 3               |       |         |                     |   |   | Read on Singl S   | Staff Assessment  |            |   |   |   |                    |                             |          | Commissioning   |                         |                              |                                     |                                       |                      |                |
| Technic         | - C   | Cond. # | Phase               | Revised 4/30/2019<br>Description  | Verification/Action/Submittal   | Submittal   | Date Submittal is<br>Required   | Due Date   | Date Submitted to CPM   | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPN                        | Condition Amended? | Condition<br>Amendment Date | Amended  | Operations<br>Date Submitted<br>to CBO  | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project   |
| 5<br>COM<br>144 | C     | COM-4b  | PC                  | Pre-Construction Matrix and Tasks Prior to Start of<br>Construction. Prior to construction, the project owner<br>shall submit to the CPM a compliance matrix including<br>only those conditions that must be fulfilled before the<br>start of construction. The matrix shall be included with<br>the project owner's first compliance submittal or prior<br>to the first pre-construction meeting, whichever comes<br>first, and shall be submitted in a format similar to the<br>description | 2. the CPM has issued an<br>authorization-to-construct letter<br>to the project owner.  | Pre-construction<br>matrix and pre-<br>construction<br>verifications  | Before site<br>mobilization   | 12/31/2018 | 9/14/2018   | Completed   | 10/19/2018                                  | Tes or No          | Amenament Date              | Language | (Ref Only)  | CBU                     | submit to?                   | to Other agencies                   | Agencies                              | SERC                 | Manager<br>GAL |
| COM             | C     | COM-5a  | PC/CONS/C<br>PS     | Compliance Matrix - The project owner shall submit a<br>compliance matrix to the CPM with each MCR and ACR.   | The compliance matrix shall<br>identify the technical area;<br>Condition number; description of<br>the required action or submittal;<br>date required; expected or actual<br>submittal date; compliance status;<br>updated condition language, if<br>amended, and date amended. |   | Monthly with MCR<br>and annually with<br>ACR  | Monthly    |   | In Progress   |   |                    |                             |          | (Ref Only)  |                         |                              |                                     |                                       | SERC                 | GAL            |
| COM<br>146      | C     | COM-5b  | PC/CONS/C<br>PS     | Compliance Matrix - The project owner shall submit a<br>compliance matrix to the CPM with each MCR and ACR.   | The compliance matrix shall<br>identify the technical area;<br>Condition number; description of<br>the required action or submittal;<br>date required; expected or actual<br>submittal date; compliance status;<br>updated condition language, if<br>amended, and date amended. |   | Annual Compliance<br>Report   | 12/31/2020 |   | Not Started   |   |                    |                             |          | (Ref Only)  |                         |                              |                                     |                                       | SERC                 | GAL            |
| СОМ             | c     | COM-6   | PC/CONS             | Monthly Compliance Report - The first MCR is due one<br>month following the docketing of the project's Decision<br>unless otherwise agreed to by the CPM.<br>(See <b>Decision</b> COM-6 for specifications).  |   |   | Monthly, within 10<br>business days after<br>the end of each<br>reporting month.  | Monthly    | 3/13/19<br>4/12/19<br>5/14/19<br>6/14/19<br>7/16/19<br>8/20/19<br>9/14/19<br>10/12/19<br>11/13/19 | In Progress   |   |                    |                             |          | 5/15/19<br>5/15/19<br>5/15/19<br>6/17/19<br>7/17/19<br>8/14/19<br>9/14/19<br>10/14/19<br>11/13/19 |                         |                              |                                     |                                       | SERC                 | GAL            |
| COM             | c     | COM-7   | CONS/COM<br>OPS     | Annual Compliance Report - After construction is<br>complete, the<br>project must submit searchable electronic ACRs to the<br>CPM, as well as other<br>periodic compliance reports (PCRs) required by the<br>various technical disciplines.<br>ACRs shall be completed for each year of commercial<br>operation and are due each<br>year on a date agreed to by the CPM. Other PCRs (e.g.<br>quarterly reports or   | After construction is complete,<br>submit annual compliance reports<br>(ACR) and periodic compliance<br>repotts (PCR)   | Submit searchable<br>electronic ACR to CPM,<br>submit PCRs required<br>by the various<br>technical diciplines | Annual Compliance<br>Report   | Annually   |   | Not started   |   |                    |                             |          |   |                         |                              |                                     |                                       | SERC                 | DSR            |
| COM             | C     | COM-8   | PC/CONS/C<br>OM/OPS | Confidential Information - Any information that the<br>project owner designates as confidential shall be<br>submitted to the Energy Commission's Executive<br>Director with an application for confidentiality,<br>pursuant to Title 20, California Code of Regulations,<br>section 2505(a).  | Any information deemed<br>confidential pursuant to the<br>regulations will remain<br>undisclosed, as provided in Title<br>20, California Code of Regulations,<br>section 2501 et seq.   | Request for<br>confidentiality  | Life of the project   | Ongoing    |   | In Progress   |   |                    |                             |          |   |                         |                              |                                     |                                       | SERC                 | SAG            |
| COM             | c     | COM-9   |                     | Annual Energy Facility Compliance Fee - Pursuant to<br>the provisions of section 25806(b) of the Public<br>Resources Code, the project owner is required to pay ar<br>annually adjusted compliance fee.   | date the Energy Commission<br>n dockets its Final Decision. All   | Annual Compliance<br>Fee due 7/1 annually:<br>See<br>http://www.energy.ca.<br>gov/siting/filing_fees.h<br>tml | 6/1/2020  | Ongoing    | 11/8/2018<br>6/6/2019   | In Progress   | 11/9/2018                                   |                    |                             |          |   |                         |                              |                                     |                                       | SERC                 | GAL            |
| CUL<br>151      | c     | CUL-1a  | PC                  | Cultural Resources Specialist, Monitors, and Technical<br>Specialist - The project owner shall assign a Cultural<br>Resources Specialist (CRS) and at least one Alternate<br>CRS to the project. The project owner shall submit the<br>resumes of the proposed CRS and Alternative CRS(s),<br>with at least three references and contact information,<br>to the Energy Commission Compliance Project Manager<br>(CPM) for review and approval. (See Decision for CRS                          | of ground disturbance, site<br>preparation, or post-certification<br>cultural resources activities.   | Resume  | At least 75 days prior<br>to the start of ground<br>disturbance, site<br>preparation, or post-<br>certification cultural<br>resources activities. | 10/19/2018 | 9/27/2018<br>3/6/2019<br>8/12/19  | Completed   | 10/18/2018<br>3/11/2019<br>8/12/19          |                    |                             |          |   |                         |                              |                                     |                                       | JACOBS               | GAL            |
| CUL<br>152      | C     | CUL-1a  | PC                  | Cultural Resources Specialist, Monitors, and Technical<br>Specialist - The project owner shall assign a Cultural<br>Resources Specialist (CRS) and at least one Alternate<br>CRS to the project. The project owner shall submit the<br>resumes of the proposed CRS and Alternative CRS(s),<br>with at least three references and contact information,<br>to the Energy Commission Compliance Project Manager<br>(CPM) for review and approval. (See Decision for CRS                          | of ground disturbance, site<br>preparation, or post-certification<br>cultural resources activities.   | Resume  | At least 75 days prior<br>to the start of ground<br>disturbance, site<br>preparation, or post-<br>certification cultural<br>resources activities. | 10/19/2018 | 9/27/2018<br>3/6/2019<br>6/14/19<br>7/12/19<br>8/12/19  | Completed   | 10/18/2018<br>3/11/2019<br>8/12/19<br>10/25 |                    |                             |          |   |                         |                              |                                     |                                       | JACOBS               | GAL            |

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|----------------|-------|---------|----------|--|--|--|--|-------------|---|---|-------------------------------------|---------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|---------------------------------------|
|                | nton  | D       | C        | lity Center Compliance Matrix (16-   | ΔEC_01)  | F  | 6  | н           | 1   | J   | ĸ                                   | L                               | CBO Color Code:             | IN                  | Pre- Construction        | ۲                       | Q                            | к                                   | 2                                     | I                    |                                       |
| 2 All Ph       |       |         | , nenabi |  |  |  |  | 6/30/2040   |   |   |                                     |                                 |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                                       |
| 3              | nases |         |          |  |  |  |  |             |   |   |                                     |                                 |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                                       |
| 4              |       |         |          | Revised 4/30/2019  |  | Based on Final S   | taff Assessment  |             |   |   |                                     |                                 |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                                       |
| Techn<br>Resou |       | Cond. # | Phase    | Description  | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required  | Due Date    | Date Submitted to CPM   | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM                | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager               |
| CUI<br>153     | IL    | CUL-1b  | CONS     | Replacement CRS - See CUL-1a (CUL-1 Section D.2)   | The project owner may replace a<br>CRS. In an emergency, the project<br>owner shall immediately notify the<br>CPM to discuss the qualifications<br>and approval of a short-term<br>replacement while a permanent<br>CRS is proposed to the CPM for<br>consideration. | and contact  | At least 10 days<br>working days before<br>termination or release<br>of the CRS  | Conditional |   | Not Started   |                                     |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                                   |
| CUI            | IL    | CUL-1b  | CONS     | Replacement CRS - See CUL-1a (CUL-1 Section D.2)   | The project owner may replace a<br>CRS. In an emergency, the project<br>owner shall immediately notify the<br>CPM to discuss the qualifications<br>and approval of a short-term<br>replacement while a permanent<br>CRS is proposed to the CPM for<br>consideration. | and contact  | At least 10 days<br>working days before<br>termination or release<br>of the CRS  | Conditional |   | Not Started   |                                     |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                                   |
| CUI            | IL    | CUL-1c  | PC       | Cultural Resources Monitors and Specialists - See Cul-<br>1a (CUL-1 Section D.3)               | The CRS shall provide proof of<br>qualifications for any anticipated<br>CRMs, NAMs, and additional<br>specialists for the project to the<br>CPM.   | Qualifications of CRMs<br>and additional<br>specialists        | At least 20 days prior<br>to ground disturbance  | 12/13/2018  | 11/16/2018<br>6/20/2019   | In Progress   | 12/3/2018<br>7/18/2019              |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                                   |
| 155<br>CUI     | IL    | CUL-1c  | PC       | Cultural Resources Monitors and Specialists - See Cul-<br>1a (CUL-1 Section D.3)               | The CRS shall provide proof of<br>qualifications for any anticipated<br>CRMs, NAMs, and additional<br>specialists for the project to the<br>CPM.   | Qualifications of CRMs<br>and additional<br>specialists        | At least 20 days prior<br>to ground disturbance  | 12/13/2018  | 11/16/2018<br>12/7/18<br>2/24/19<br>6/20/2019<br>7/12/19<br>8/26/19 | Completed   | 12/3/2018<br>4/29/19<br>7/18/2019   |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                                   |
| 156<br>CUI     | IL    | CUL-1d  | PC       | Native American Monitors - See Cul-1a (CUL-1 Section D.4)                                      |  | CPM documenting  | At least 30 days prior<br>to the beginning of<br>post-certification<br>cultural resources<br>field work or<br>construction-related<br>ground disturbance | 12/3/2018   | 11/16/2018  | Completed   | 12/3/2018                           |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                                   |
| CUI            | IL    | CUL-1d  | PC       | Native American Monitors - See Cul-1a (CUL-1 Section<br>D.4)                                   |  | CPM documenting  | At least 30 days prior<br>to the beginning of<br>post-certification<br>cultural resources<br>field work or<br>construction-related<br>ground disturbance | 12/3/2018   | 11/16/2018  | Completed   | 12/3/2018                           |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                                   |
| 150<br>CUI     | IL    | CUL-1e  | PC/CONS  | Additional Cultural Resources and Native American<br>monitors - See Cul-1a (CUL-1 Section D.5) | The owner may submit<br>qualifications for additional CRMS<br>or NAMs as needed.   | Submit qualifications<br>to the CPM for review<br>and approval | At least 5 days prior<br>to the CRMs or NAMS<br>beginning on-site<br>duties  | Conditional |   | In Progress   |                                     |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                                   |
| 160            | IL    | CUL-1f  | PC/CONS  | Additional Cultural Resources Specialists - See Cul-1a<br>(CUL-1 Section D.5)                  | The owner may submit<br>qualifications for cultural<br>resources specialists.  | Submit qualifications<br>to the CPM for review<br>and approval | At least 5 days prior<br>to the specialists<br>beginning on-site<br>duties   | Conditional | 3/6/2019<br>4/26/2019<br>8/12/2019                                  | In Progress   | 3/11/2019<br>4/29/2019<br>8/22/2019 |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                                   |
| CUL            | IL    | CUL-1g  | PC       | New technical specialist - See Cul-1a - (CUL-1 Section<br>D.6)                                 | Owner must submit resume(s) of<br>any technical specialist to CPM for<br>review and approval   |  | At least 10 days prior<br>to technical specialist<br>beginning task  | Conditional |   | Not Started   |                                     |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                                   |
| 161<br>CUI     | IL    | CUL-1h  | PC       | Availability of CRS - See Cul-1a - (CUL-1 Section D.7)   | Owner must confirm in writing<br>that the approved CRS will be<br>available for onsite work and will<br>implement the cultural resources<br>conditions.  | Submit letter<br>confirming the<br>availability of the CRS.    | At least 10 days<br>before the start of<br>construction related<br>ground disturbance  | 12/23/2018  | 1/8/2019  | Completed   | 1/8/2019                            |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                                   |

|     | А                     | R       | C        | D   | F   | F   | G  | н           | 1                     | 1   | к                    | , I                             | м                           | Ν                   | 0                        | Р                       | 0                            | R                                   | s                                     | т                    | U                       |
|-----|-----------------------|---------|----------|---|---|---|--|-------------|-----------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1   |                       | n Fnerg | v Reliab | lity Center Compliance Matrix (16-  | -AFC-01)  | 1   | G  |             | 1                     | , r   | ĸ                    |                                 | CBO Color Code:             |                     | Pre- Construction        | r                       | ų                            | ĸ                                   | 3                                     | 1                    | 0                       |
|     | All Phase             |         | , nenab  |   |   |   |  | 6/30/2040   |                       |   |                      |                                 |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 3   |                       |         |          |   |   |   |  |             |                       |   |                      |                                 |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4   |                       |         |          | Revised 4/30/2019   |   | Based on Final S  | taff Assessment  |             |                       |   |                      |                                 |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
|     | Technical<br>Resource | Cond. # | Phase    | Description   | Verification/Action/Submittal   | Submittal   | Date Submittal is<br>Required  | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
|     | CUL                   | CUL-1i  | PC       | CPM Approval of CRS and Alternatives - See Cul-1a -   | No ground disturbance shall occur   |   | No ground  | Conditional |                       | Completed   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
|     |                       |         |          | (CUL-1 Section D.8)   | prior to CPM approval of CRS and<br>alternatives unless such activites<br>are approved by the CPM   | from CPM  | disturbance shall<br>occur without<br>approval   |             |                       |   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       |                      |                         |
| 163 | CUL                   | CUL-1j  | CONS     | Discharge the CRS, after receiving approval from<br>the CPM See Cul-1a - (CUL-1 Section A.1.2)  | completed and the CRS has<br>fulfilled all responsibilities<br>specified in these cultural<br>resources conditions, the project<br>owner may discharge the CRS,   | Submit to request to the CPM to discharge the CRS                   | After all ground<br>disturbances are<br>completed and the<br>CRS has fulfilled all<br>responsibilities<br>specified in these | 5/1/2020    |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 164 |                       |         |          |   | after receiving approval from the   |   | cultural resources<br>conditions   |             |                       |   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       |                      |                         |
| 165 | CUL                   | CUL-2a  | PC       | Construction Maps and Drawings - Prior to the start of<br>construction-related ground disturbance, the start of<br>each phase, and weekly, provide the CRS with the<br>materials described in this condition (See Decision CUL-<br>2). No construction-related ground disturbance shall<br>occur prior to CPM approval of maps and drawings,<br>unless such activities are specifically approved by the<br>CPM. | of construction-related ground disturbance, provide the AFC, data   | Documents, maps and drawings  | At least 40 days prior<br>to the start of<br>construction-related<br>ground disturbance                                      | 11/23/2018  | 11/19/2018            | Completed   | 12/3/2018            |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 165 | CUL                   | CUL-2b  | PC/CONS  | Revised Maps and Drawings - Prior to the start of<br>construction-related ground disturbance, the start of<br>each phase, and weekly, provide the CRS with the<br>materials described in this condition (CUL-2). No<br>construction-related ground disturbance shall occur<br>prior to CPM approval of maps and drawings, unless<br>such activities are specifically approved by the CPM.                       | At least 15 days prior to the start<br>of construction-related ground<br>disturbance, if there are changes<br>to any construction-related<br>footprint, provide revised maps<br>and drawings for the changes to<br>the CRS and CPM. | Updated maps and drawings   | At least 15 days prior<br>to start of<br>construction-related<br>ground disturbance  | Conditional |                       | In Progress   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 167 | CUL                   | CUL-2c  | CONS     | Construction Phasing - Prior to the start of construction<br>related ground disturbance, the start of each phase,<br>and weekly, provide the CRS with the materials<br>described in this condition (See Decision CUL-2). No<br>construction-related ground disturbance shall occur<br>prior to CPM approval of maps and drawings, unless<br>such activities are specifically approved by the CPM.               | of each phase of a phased project,<br>the project<br>owner shall submit the<br>appropriate maps and drawings, if<br>not previously provided, to the   | Maps and drawings   | At least 15 days prior<br>to the start of a<br>construction phase  | Conditional |                       | In Progress   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 168 | CUL                   | CUL-2d  | CONS     | Construction Schedule - Prior to the start of<br>construction-related ground disturbance, the start of<br>each phase, and weekly, provide the CRS with the<br>materials described in this condition (See Decision CUL-<br>2). No construction-related ground disturbance shall<br>occur prior to CPM approval of maps and drawings,<br>unless such activities are specifically approved by the<br>CPM.          | and CPM   | Schedule of next<br>week's activities by e-<br>mail, letter, or fax | Weekly during ground disturbance   | Weekly      |                       | In Progress   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | ARB                  | GAL                     |
| 160 | CUL                   | CUL-2e  | CONS     | Revised Construction Schedule - Prior to the start of<br>construction-related ground disturbance, the start of<br>each phase, and weekly, provide the CRS with the<br>materials described in this condition (See Decision CUL-<br>2). No construction-related ground disturbance shall<br>occur prior to CPM approval of maps and drawings,<br>unless such activities are specifically approved by the<br>CPM.  | Within 5 days of changing the<br>schedule of phases of a phased<br>project, provide written notice of<br>project changes to the CRS and<br>CPM.   | Description of changes<br>in phased project                         | Within 5 days of<br>changing the<br>scheduling of phases   | Conditional |                       |   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | ARB                  | GAL                     |
| 170 | CUL                   | CUL-2f  | CONS     | Replacement CRS - Prior to the start of construction-<br>related ground disturbance, the start of each phase,<br>and weekly, provide the CRS with the materials<br>described in this condition (See Decision CUL-2). No<br>construction-related ground disturbance shall occur<br>prior to CPM approval of maps and drawings, unless<br>such activities are specifically approved by the CPM.                   | If a new CRS is appointed, provide<br>maps and drawings (see CUL-2) to<br>the new CRS.  |   | Within 10 days of the<br>approval of the new<br>CRS  | Conditional |                       |   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |

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|                     |                                 |   | Revised 4/30/2019   |   | Dased on Final S  | tan Assessment   |   |  |  |   |   |  |   | operations  |   |                              |   |  |  |   |
| echnical<br>esource | Cond. #                         | Phase   | Description   | Verification/Action/Submittal   | Submittal   | Date Submittal is<br>Required  | Due Date  | Date Submitted to CPM  | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date))  | Date Approved by CPM  | Condition Amended?<br>Yes or No   | Condition<br>Amendment Date  | Amended<br>Language   | Date Submitted<br>to CBO  | Date Approved by<br>CBO   | Other Agencies to submit to? | Date Submitted<br>to Other agencies   | Date Approved<br>by Other<br>Agencies          | Responsible<br>Party   | SERC Project<br>Manager   |
| CUL                 | CUL-3a                          | PC  | (CRMMP) - Submit the Cultural Resources Monitoring<br>and Mitigation Plan (CRMMP), as prepared by or under<br>the direction of the CRS and as described in this<br>condition (See <b>Decision</b> CUL-3), to the CPM for review<br>and approval. Implementation of the CRMMP shall be<br>the responsibility of the CRS and the project owner. No<br>ground disturbance shall occur prior to CPM approval of   | owner an electronic copy of the<br>draft model CRMMP for the CRS.<br>At least 30 days prior to the start<br>of ground disturbance, submit the   | Draft CRMMP   | At least 30 days prior<br>to the start of ground<br>disturbance  | 12/3/2018   | 11/1/2018  | Completed  | 12/3/2018   |   |  |   |   |   |                              |   |  | JACOBS   | GAL   |
| CUL                 | CUL-3b                          | PC  | Agreement to Pay Curation Fees - See CUL-3a   | of ground disturbance, in a letter  | agreement to pay  | At least 30 days prior<br>to the start of ground<br>disturbance  | 12/3/2018   | 11/26/2018   | Completed  | 12/18/2018  |   |  |   |   |   |                              |   |  | JACOBS   | GAL   |
| CUL                 | CUL-3c                          | CONS/COM/<br>OPS  | materials requiring curation were generated or<br>collected, the project owner shall provide to the CPM a<br>copy of an agreement with, or other written<br>commitment from, a curation facility that meets the<br>standards stated in the State Historic Resources<br>Commission's (SHRC) Guidelines for the Curation of<br>Archaeological Collections (1993, or future updated<br>guidelines from SHRC), to accept the cultural materials<br>from this project. Any agreements concerning curation  |   | Written agreement<br>with curation facility   | 90 days after<br>completion of ground<br>disturbance (including<br>landscaping)  | 4/1/2020  |  | Not Started  |   |   |  |   |   |   |                              |   |  | JACOBS   | GAL   |
| CUL                 | CUL-4a                          |   | shall submit the final CRR to the CPM for approval. The<br>final CRR shall be written by, or under the direction of,<br>the CRS and shall be provided in the Archaeological<br>Resource Management Report (ARMR) format. The final<br>CRR shall report on all field activities including dates,<br>times and locations, results, samplings, and analyses. All<br>survey reports, DPR 523 forms, data recovery reports,  | Submit the CRR to the CPM for review and approval.  | Cultural Resource<br>Report   | Within 30 days of<br>suspension of<br>construction activities<br>(suspended project)   | Conditional   |  | Not Started  |   |   |  |   |   |   |                              |   |  | JACOBS   | GAL   |
| CUL                 | CUL-4b                          | CONS/COM/<br>OPS  | shall submit the final CRR to the CPM for approval. The<br>final CRR shall be written by, or under the direction of,<br>the CRS and shall be provided in the Archaeological<br>Resource Management Report (ARMR) format. The final<br>CRR shall report on all field activities including dates,   | review and approval.  | Cultural Resource<br>Report   | Within 90 days of the<br>completion of ground<br>disturbance<br>(completed project)  | 8/21/2020   |  | Not Started  |   |   |  |   |   |   |                              |   |  | JACOBS   | GAL   |
| CUL                 | CUL-4c                          | CONS/COM/<br>OPS  | Documentation sent to CHRIS - See Cul-4a  | Provide final CRR to the California<br>Historical Resources Information<br>System and curation institution (if<br>artifacts curated) and tribes<br>requesting copies.   | Cultural Resource<br>Report   | Within 10 days after<br>approval of CRR  | Conditional   |  | Not Started  |   |   |  |   |   |   |                              |   |  | JACOBS   | GAL   |
| CUL                 | CUL-5a                          | PC  | Resources - Prior to and for the duration of<br>construction-related ground disturbance, provide<br>Worker Environmental Awareness Program (WEAP)<br>training, as described in the condition (See Decision CUL  | program draft text and/or training<br>video, including graphics, and the<br>informational brochure to the   | Draft WEAP  | At least 30 days prior<br>to the beginning of<br>ground disturbance  | 12/3/2018   | 11/1/2018  | Completed  | 12/3/2018   |   |  |   |   |   |                              |   |  | JACOBS   | GAL   |
|                     | CUL<br>CUL<br>CUL<br>CUL<br>CUL | IPhases       IPhases       IPhases       IPhases       IPhases       Intervention       chnical<br>ssource       CUL       CUL | CUL         CUL-4a         CONS/COM/OPS           CUL         CUL-4a         CONS/COM/OPS           CUL         CUL-4b         CONS/COM/OPS | Cut         Cut-approx         Cutural Resources Monitoring and Mitigation Plan<br>(CNMMP) - Submit the Cutural Resources Monitoring<br>and Mitigation Plan (CRMMP), a perpared by or under<br>the direction of the CIS and as described in this<br>contino (See Decision Cut-3), to the CPM for relevance<br>and approval. Implementation of the CRMMP shall be<br>the responsibility of the CIS and the CPM for relevance<br>and approval. Implementation of the CRMMP shall be<br>the responsibility of the CIS and the project owner. No<br>ground disturbance shall occur prior to CPM approval of<br>the CRMMP, unless such activities are specifically<br>approved by the CPM.           CUL         CUL-3b         PC         Agreement to Pay Curation Fees - See CUL-3a           CUL         CUL-3b         PC         Agreement with curation Facility - If cultural<br>materials requiring curation were generated or<br>collected, the project owner. Not<br>relevance with or other written<br>commitment from, a curation facility that meets the<br>standards statel in the State Historic Nuture updated<br>grudelines from SHCL) to accept the cultural materials<br>from this project. Nuture updated<br>grudelines from SHCL) to accept the cultural materials<br>from this project. Nuture updated<br>grudelines from SHCL to accept the cultural materials<br>from this project. Nuture updated<br>grudelines from SHCL to accept the cultural materials<br>from this project. Nuture updated<br>grudelines from SHCL to accept the cultural materials<br>from this project. Nuture updated<br>grudelines from SHCL to accept the direction of<br>the ECR and shall be provided in the Acchaeological<br>CUL           CUL         CUL-4a         CONS/COM/ Final Cultural Resources Report - The project owner<br>shall submit the final CRR to the CPM for approval. The<br>final CRR shall be provided in the Acchaeological<br>Resource Management Report (ARMR) format. The final<br>CRR shall report | CUL         CUL-36         Price         Description         Verification/Action/Submittal           CUL         CUL-37         Price         Description         Verification/Action/Submittal           CUL         CUL-38         Price         Cultural Resources Monitoring and Mitigation Plan<br>(CBMMP) - Summit the Cultural Resources Monitoring<br>and Mitigation Plan (CBMMP) - Summit the Cultural Resources Monitoring<br>and Mitigation Plan (CBMMP) - Summit the Cultural Resources Monitoring<br>and Mitigation Plan (CBMMP) - Summit the Cultural Resources Monitoring<br>and Mitigation Plan (CBMMP) - Summit the Cultural Resources Monitoring<br>and Mitigation Plan (CBMMP) - Summit the Cultural Resources Monitoring<br>and Mitigation Plan (CBMMP) - Summit the<br>ground disturbances shall courprice to (PM approved to the project<br>organd disturbances, Julice CPM for evidence<br>and poroul. Indeventional Plan (CBMMP) For the CSM.<br>At least 30 drap prior to the CSM<br>approval.           CUL         CUL-38         PC         Apreement to Prey Curation Fees - See CUL-38         At least 30 drap prior to the start<br>of ground disturbances, Julice CPM.<br>The CPM approved by the CPM.           CUL         CUL-40         CONS/COM/<br>CONS         Written Agreement with Curation Facility - If cultural<br>arranabological collections (CINS) or for the visition<br>commitment Toron, a curation facility that mests the<br>from the project. Any agreement with Curation Facility - If cultural<br>arranabological collections (CINS) or for the visition<br>commitment Toron, a curation facility that mests the<br>from the project. Any agreement with Curation of<br>the CCM and approval.         Submit the CRN to the CPM for<br>property.<br>Project. Any agreement withor Curation of<br>the CCM and anable providis the franc | Cont.         Cont.         Proce         Revised 4/30/2019         Proce         Based on Find 5           checkal         Cont. #         Proce         Description         Verification/AclonyDubmits         Submits1           COL         COL-38         Proce         Description         Verification/AclonyDubmits1         Submits1           COL         COL-38         Proc         Advancement to Provide Control Processore Monitoring and Mitigation Processore Monitoring Mition P | Control         Control         Procession         Procession <td>Clip. 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|     | II Phase             |         | ,                | .,   | ,   | 1   | 1   | 6/30/2040   |  |   |                      |                                 |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 3   |                      |         |                  |  |   |   |   |             |  |   |                      |                                 |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4   |                      |         |                  | Revised 4/30/2019  |   | Based on Final S  | taff Assessment   |             |  |   |                      |                                 |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
| 5   | echnical<br>lesource | Cond. # | Phase            | Description  | Verification/Action/Submittal   | Submittal   | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM  | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 179 | CUL                  | CUL-5b  | PC               | WEAP training/Training Acknowledgement Form -See<br>Condition CUL-5a   | This is provided by the CPM to the owner  | Training<br>Acknowledgement<br>Form   | At least 15 days<br>before the beginning<br>of ground disturbance                                     | 12/18/2018  |  | Completed   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | ARB                  | GAL                     |
| 179 | CUL                  | CUL-5c  | CONS/COM,<br>OPS | WEAP Training Records in MCR - See Condition CUL-5a  | Provide in the MCR the WEAP<br>Training Acknowledgement forms<br>of the workers who have comleted<br>training in the prior month.   | Training<br>Acknowledgement<br>forms for prior month<br>in MCR and running<br>total of all persons<br>who have completed<br>the training.   | Monthly until ground<br>disturbance is<br>completed   | Monthly     | 3/13/19<br>4/12/19<br>5/14/19<br>6/14/19<br>7/16/19<br>8/20/19 | In Progress   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 180 | CUL                  | CUL-6a  | PC               | Cultural Resources Monitoring, Letter to Native<br>Americans - The project owner shall ensure that a CRS,<br>alternate CRS, or CRMs shall be on site for all ground<br>disturbance in areas slated for excavation into non-fill<br>(native) sediments. See Decision for specifications on<br>monitors and daily monitoring logs. | Commission's contact list of the<br>date on which the project ground  | Letter of notification  | At least 30 days<br>before the start of<br>ground disturbance   | 12/3/2018   |  | Completed   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 181 | CUL                  | CUL-6b  | PC               | Cultural Resources Monitoring, Daily Monitoring Log<br>Form - See Decision CUL-6 for specifications on<br>monitors and daily monitoring logs.  | The CPM will provide to the CRS an<br>electronic copy of a form to be<br>used as a daily monitoring log and<br>information to be included in the<br>cover sheet for the daily<br>monitoring logs. | form and  | At least 30 days<br>before the start of<br>ground disturbance.  | 12/3/2018   |  | Completed   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 182 | CUL                  | CUL-6c  | CONS/COM         | Cultural Resources Monitoring, Daily Monitoring Log<br>Submittal - See Decision CUL-6 for specifications on<br>monitors and daily monitoring logs.   | The project owner shall submit<br>each day's monitoring logs and<br>cover sheet merged into one PDF<br>document by email within 24<br>hours.  | Daily monitoring logs   | Within 24 hours of<br>previous day's<br>monitoring  | Daily       |  | In Progress   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 183 | CUL                  | CUL-6d  | CONS/COM         | Cultural Resources Monitoring, Notification of Non-<br>compliance Incidents - See Decision CUL-6a for<br>specifications on monitors and daily monitoring logs.   | The CRS and/or project owner<br>shall notify the CPM of any<br>incidents of non-compliance with<br>the conditions and/or applicable<br>LORS by telephone or email within<br>24 hours.             | Notification of non-<br>compliance incident   | Within 24 hours of<br>previous day's<br>monitoring  | Conditional | 9/24/2019  | In Progress   | 9/27/2019            |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 194 | CUL                  | CUL-6e  | CONS/COM         | Cultural Resources Monitoring, Daily Maps of Artifacts<br>found - See Decision CUL-6 for specifications on<br>monitors and daily monitoring logs.  | The CRS shall provide daily maps<br>of artifacts along with the daily<br>monitoring logs if more than 10<br>artifacts are found per day, or as<br>requested by the CPM.                           | Map of artifact finds<br>(if more than 10<br>artifacts found)   | Daily or as requested<br>by the CPM   | Conditional |  | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 195 | CUL                  | CUL-6f  | CONS/COM         | Cultural Resources Monitoring, Weekly Maps of<br>Artifacts Found: See Decision CUL-6 for specifications<br>on monitors and daily monitoring logs.  | The CRS shall provide weekly maps<br>of artifacts along with the daily<br>monitoring logs if more than 50<br>artifacts are found per week or as<br>requested by the CPM.                          | (if more than 50<br>artifacts found or as   | Within two business<br>days after the end of<br>the week  | Conditional |  | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 186 | CUL                  | CUL-6g  | CONS/COM         | Cultural Resources Monitoring Native American<br>Monitor Employment - See Decision for specifications<br>on monitors and daily monitoring logs.  | The project owner shall submit a<br>copy of a request from a Native<br>American group that a Native<br>American Monitor (NAM) be<br>employed.   | Copy of a request by a<br>Native American<br>Group's request that a<br>Native American be<br>employed and copy of<br>the response letter<br>identifying the Native<br>American monitor to<br>the group.         | Within 15 days of<br>receiving a request<br>from a Native<br>American group that<br>a NAM be employed | Conditional |  | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 187 | CUL                  | CUL-6h  | CONS/COM         | Cultural Resources Monitoring, Monthly Reports - See<br>Decision CUL-6 for specifications on monitors and daily<br>monitoring logs.  |   | Monthly Status<br>Reports of Monitoring,<br>including any new<br>DPR 523A forms,<br>under confidential<br>cover, completed for<br>finds treated<br>prescriptively, as<br>specified in the<br>CRMMP.             | Monthly, while<br>monitoring occurs   | Monthly     |  | In Progress   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 188 | CUL                  | CUL-6i  | CONS/COM         | Cultural Resources Monitoring, Monthly Reports - See<br>Decision CUL-6 for specifications on monitors and daily<br>monitoring logs.  |   | CRIMIP.<br>Monthly Status<br>Reports of Monitoring,<br>including any new<br>DPR 523A forms,<br>under confidential<br>cover, completed for<br>finds treated<br>prescriptively, as<br>specified in the<br>CRIMMP. | Weekly, while monitoring occurs   | Weekly      |  | In Progress   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |

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| 4                   |      |         |          | Revised 4/30/2019   |  | Based on Final S   | Staff Assessment  |             |                       |   |                      |                    |                             |                     | Operations               |                         |                              |                                     |                                       |                      | 4                       |
| Technica<br>Resourc |      | Cond. # | Phase    | Description   | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended? | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| CUL<br>89           | (    | CUL-6j  | CONS/CON | Cultural Resources Monitoring, Final Updated DPR<br>Forms - See Decision CUL-6 for specifications on<br>monitors and daily monitoring logs.   | For sites for which artifacts are<br>collected month after month, final<br>updated DPR forms may be<br>submitted at the completion of<br>monitoring  | Final updated DPR<br>forms   | At completion of monitoring   | Conditional |                       | Not Started   |                      |                    |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| CUL                 | C    | CUL-6k  | CONS/CON | Cultural Resources Monitoring, Change in Monitoring<br>Level - See Decision CUL-6 for specifications on<br>monitors and daily monitoring logs.  | The project owner shall submit to<br>the CPM, for review and approval,<br>a letter or email (or some other<br>form of communication<br>acceptable to the CPM) detailing<br>the CRS's justification for a change<br>in the monitoring level.  | justification for<br>changing the<br>monitoring level              | At least 24 hours prior<br>to implementing a<br>proposed change in<br>monitoring level  | Conditional |                       | Not Started   |                      |                    |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| CUL                 | (    | CUL-6I  | CONS/CON | Cultural Resources Monitoring, Change in Daily<br>Reporting - See Decision CUL-6 for specifications on<br>monitors and daily monitoring logs.   | The project owner shall submit to<br>the CPM, for review and approval,<br>a letter or email (or some other<br>form of communication<br>acceptable to the CPM) detailing<br>the CRS's justification for reducing<br>or ending daily reporting.  | justification for<br>changing or ending<br>daily reporting         | At least 24 hours prior<br>to reducing or ending<br>daily reporting   | Conditional |                       | Not Started   |                      |                    |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| CUL<br>92           | С    | CUL-6m  | CONS/CON | Cultural Resources Monitoring, Comments of Native<br>Americans - See Decision CUL-6 for specifications on<br>monitors and daily monitoring logs.  | The project owner shall submit to<br>the CPM copies of any comments<br>or information provided by Native<br>Americans in response to the<br>project owner's transmittals of<br>information.  | or information   | Within 15 days of<br>receiving comments<br>from Native<br>Americans   | Conditional | 2/5/2019<br>2/15/2019 | Completed   | N/A                  |                    |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 93                  |      | CUL-7a  | PC       | Powers of the CRS - The CRS shall have the authority to<br>halt ground disturbance in the event of a discovery.<br>Redirection of ground disturbance shall be<br>accomplished under the direction of the construction<br>supervisor in consultation with the CRS. In the event<br>that a cultural resource over 50 years of age is found (ou<br>if, determined exceptionally significant by the CRS), or<br>impacts to such a resource can be anticipated, ground<br>disturbance shall be halted or redirected in the<br>immediate vicinity of the discovery sufficient to ensure<br>that the resource is protected from further impacts. If<br>the discovery includes human remains, the project<br>owner shall comply with the requirements of Health<br>and Human Safety Code § 7050.5(b) and shall<br>additionally notify the CPM and the NAHC of the<br>discovery of human remains. No action with respect to<br>the disposition of human remains. No Mitre American<br>origin shall be initiated without direction from the CPM.<br>Monitoring, including Native American monitoring, and<br>dially reporting, as provided in other conditions, shall<br>continue during the project's ground-disturbing<br>activities elsewhere, while the halting or redirection of<br>ground disturbance in the vicinity of the discovery shall<br>remain in effect until the CRS has visited the discovery,<br>and all of the following have occurred: (See <b>Decision</b> for<br>specifications 1-5). | of ground disturbance, the project<br>owner shall provide the CPM and<br>CRS with a letter confirming that<br>the CRS, Alternate CRS, and CRMs<br>r have the authority to halt ground<br>disturbance in the vicinity of a<br>cultural resources discovery, and<br>that the project owner shall<br>ensure that the CRS notifies the<br>CPM within 24 hours of a<br>discovery, or by Monday morning<br>if the cultural resources discovery<br>occurs between 3:00 AM on Friday<br>and 8:00 AM on Sunday morning. | that the CRS, Alternate<br>CRS, and CRMs have<br>authority to halt |   | 12/3/2018   | 11/1/2018             | Completed   | 12/3/2018            |                    |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| 94                  | C    | CUL-7b  | CONS/CON | DPR-523 Forms (See Decision CUL-7 for specifications).  | Unless the discovery can be<br>treated prescriptively, as specified<br>in the CRMMP,<br>completed DPR 523 forms for<br>resources newly discovered during<br>ground disturbance shall be<br>submitted to the CPM for review<br>and approval.  |  | No later than 24<br>hours following the<br>notification of the<br>CPM, or 48 hours<br>following the<br>completion of data<br>recordation/<br>recovery, whichever<br>the CRS decides is<br>more appropriate for<br>the subject cultural<br>resource. | Conditional |                       | Not Started   |                      |                    |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| CUL                 | 0    | CUL-7c  | CONS/CON | Inform Native American Groups (See Decision CUL-7<br>for specifications).   | The project owner shall ensure<br>that the CRS notifies all Native<br>American groups that expressed a<br>desire to be notified in the event<br>of a discovery of interest to Native<br>Americans, and the CRS must<br>inform the CPM when the<br>notifications are complete.  | when notifications are   | Within 48 hours of<br>the discovery of a<br>resource of interest to<br>Native Americans   | Conditional |                       | Not Started   |                      |                    |                             |                     |                          |                         |                              |                                     |                                       | JACOBS               | GAL                     |

|              | A      | в       | C        | D   | F  | F   | G   | Н           | 1                     | J I   | к                    |                                 | м                           | Ν                   | 0   | Р  | 0                            | R                                   | s                                     | т                    | U                       |
|--------------|--------|---------|----------|---|--|---|---|-------------|-----------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|---|--|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 Sta        | inton  | Energy  | v Reliab | ility Center Compliance Matrix (16-   | AFC-01)  |   | 3   |             |                       | ,   | ĸ                    | • •                             | CBO Color Code:             |                     | Pre- Construction   |  | Ч.                           | K                                   |                                       | •                    | <u> </u>                |
|              | Phases |         |          | .,  | ·,   | 1   |   | 6/30/2040   |                       |   |                      |                                 |                             |                     | Construction  |  |                              |                                     |                                       |                      |                         |
| 3            |        |         |          |   |  |   |   |             |                       |   |                      |                                 |                             |                     | Commissioning   |  |                              |                                     |                                       |                      |                         |
| 4            |        |         |          | Revised 4/30/2019   |  | Based on Final S  | taff Assessment   |             |                       |   |                      |                                 |                             |                     | Operations  |  |                              |                                     |                                       |                      |                         |
| Tech<br>Reso |        | Cond. # | Phase    | Description   | Verification/Action/Submittal  | Submittal   | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO  | Date Approved by<br>CBO  | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| CI<br>196    | UL     | CUL-7d  | CONS/CON | Provide Reports and Records to Native American<br>Groups (See Decision CUL-7 for specifications ).  | The project owner shall submit to<br>the CPM copies of the information<br>transmittal letters sent to the<br>chairpersons of the Native<br>American tribes or groups who<br>requested the information.<br>Additionally, the project owner<br>shall submit to the CPM copies of<br>letters of transmittal for all<br>subsequent responses to Native<br>American requests for notification,<br>consultation, and reports and<br>records. |   | No later than 30 days<br>following the<br>discovery of any<br>Native American<br>cultural<br>materials  | Conditional |                       | Not started   |                      |                                 |                             |                     |   |  |                              |                                     |                                       | JACOBS               | GAL                     |
| CI<br>197    | UL     | CUL-7e  | CONS/COM | Comments or Information Provided by Native<br>Americans (See Decision CUL-7 for specifications).  | The project owner shall submit to<br>the CPM copies of any comments<br>or information provided by Native<br>Americans in response to the<br>project owner's transmittals of<br>information.  | American comments   | Within 15 days of<br>receiving comments<br>from Native<br>Americans   | Conditional |                       | Not started   |                      |                                 |                             |                     |   |  |                              |                                     |                                       | JACOBS               | GAL                     |
| CI<br>198    | UL     | CUL-8a  | CONS     | Fill Soils, Borrow or Fill Site Documentation - If fill soils<br>must be acquired from a non-commercial borrow site<br>or disposed of to a non-commercial disposal site, unless<br>less-than-five-year-old surveys of these sites for<br>archaeological resources are provided to and approved<br>by the CPM, the CRS shall survey the borrow or disposal<br>site(s) for cultural resources and record on DPR 523<br>forms any that are identified. When the survey is<br>completed, the CRS shall convey the results and<br>recommendations for further action to the project<br>owner and the CPM, who will determine what, if any,<br>further action is required. If the CPM determines that<br>significant archaeological resources that cannot be<br>avoided are present at the borrow ise, the project<br>owner must either select another borrow or disposal<br>site or implement CUL-7 prior to any use of the site. The<br>CRS shall report on the methods and results of these<br>surveys in the final CRR. | CPM and provide documentation<br>of previous archaeological survey,<br>if any, dating within the past five<br>years, for CPM approval.   | Notification to the<br>CPM of the use of a<br>non-commercial<br>borrow site and<br>documentation of<br>previous<br>archaeological survey.   | As soon as the project<br>owner knows that a<br>non-commercial<br>borrow site will be<br>used   | 3/28/2019   | 3/28/2019             | Completed   | 3/29/2018            |                                 |                             |                     |   |  |                              |                                     |                                       | JACOBS               | GAL                     |
| CI<br>199    | UL     | CUL-8b  | CONS     | Fill Soils, Cultural Resources Survey - In the absence of<br>documentation of recent archaeological survey, at least<br>30 days prior to any soil borrow or disposal activities on<br>the non-commercial borrow and/or disposal sites, the<br>CRS shall survey the site(s) for archaeological resources   | owner and the CPM of the results<br>of the cultural<br>resources survey, with  | Results of the cultural<br>resources survey and<br>CRS recommendations<br>for further action, if<br>needed.   | At least 30 days<br>before any soil<br>borrow or disposal<br>activities take place<br>on the non-<br>commercial borrow/<br>disposal site                          | 3/29/2019   | 3/29/2019             | Completed   | 3/29/2019            |                                 |                             |                     |   |  |                              |                                     |                                       | JACOBS               | GAL                     |
| 200          | LEC    | ELEC-1a | CONS     | Electrical Systems Design Plans and Specifications -<br>Prior to the start of any increment of electrical<br>construction for all electrical equipment and systems<br>110 Volts or higher (see a representative list, below) the<br>project owner shall submit, for CBO design review and<br>approval, the proposed final design, specifications, and<br>calculations. Upon approval, the above listed plans,<br>together with design changes and design change<br>notices, shall remain on the site or at another accessible<br>location for the operating life of the project. The project<br>owner shall request that the CBO inspect the<br>installation to ensure compliance with the requirements<br>of applicable LORs. (See <b>Decision</b> ELEC-1 for<br>specifications)   | shall include in this submittal a<br>copy of the signed and stamped<br>statement from the responsible<br>electrical engineer attesting<br>compliance with the applicable<br>LORS, and shall send the CPM a<br>copy of the transmittal letter in  | Design plans,<br>specifications, and<br>calculations and<br>compliance statement<br>to CBO with copy to<br>CPM  | At least 30 days (or<br>project owner- and<br>CBO-approved<br>alternative time<br>frame) prior to the<br>start of each<br>increment of<br>electrical construction | Ongoing     |                       | In Progress   |                      |                                 |                             |                     | 1-1.0: 1/23/19<br>1-2.0: 2/4/2019<br>1-3.0: 1/23/19<br>1-4.0: 1/29/19<br>1-5.0: 3/4/19<br>1-5.0: 3/22/19<br>1-7.0: 3/6/19<br>1-9.0:<br>1-10.0: 3/29/19<br>1-11.0:<br>1-12.0: 5/20/19<br>1-3.0 7/24/19 SI-<br>013 PC1<br>1-13.0 7/24/19 SI-<br>014 PC1 | 1-1.0: 5/3/19<br>1-2.0: 2/15/19<br>1-3.0: 2/6/2019<br>1-4.0: 2/8/19<br>1-5.0: 3/14/19<br>1-6.0: 4/5/19<br>1-7.0: 3/20/19<br>1-8.0: 6/3/19<br>1-9.0:<br>1-10.0: 4/16/19<br>1-11.0<br>1-12.0: 6/3/19<br>PF |                              |                                     |                                       | SERC                 | ТАТ                     |
| 201          | LEC    | ELEC-1b | CONS/COM | Electrical Systems Design Plans and Specifications -<br>Prior to the start of any increment of electrical<br>construction for all electrical equipment and systems<br>110 Volts or higher (see a representative list, below) the<br>project owner shall submit, for CBO design review and<br>approval, the proposed final design, specifications, and<br>calculations. Upon approval, the above listed plans,<br>together with design changes and design change<br>notices, shall remain on the site or at another accessible<br>location for the operating life of the project. The project<br>owner shall request that the CBO inspect the<br>installation to ensure compliance with the requirement<br>of applicable LORS. (See Decision ELEC-1 for<br>specifications)   | shall include in this submittal a<br>copy of the signed and stamped<br>statement from the responsible<br>electrical engineer attesting<br>compliance with the applicable<br>LORS, and shall send the CPM a<br>copy of the transmittal letter in  | Monthly Compliance<br>Report, Include:<br>receipt or delay of<br>major equipment,<br>testing or energizing of<br>major electrical<br>equipment, and signed<br>statement by<br>registered electrical<br>engineer certifying<br>that the proposed<br>final desing plans and<br>specifications conform<br>to requirements set<br>forth by CEC decision | Monthly   | Monthly     |                       | In Progress   |                      |                                 |                             |                     | 3/13/19<br>4/11/19<br>5/14/19<br>6/14/19<br>7/17/19   |  |                              |                                     |                                       | SERC                 | GAL                     |

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|----------------------|------|--------|----------|--|--|--|--|-------------|-----------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 Stant              | on E | nergy  | Reliabi  | lity Center Compliance Matrix (16-   | AFC-01)  |  | 9  |             |                       | ,   | K                    |                                 | CBO Color Code:             |                     | Pre- Construction        |                         | ч<br>Ч                       | K                                   | 5                                     |                      | 0                       |
| 2 All Pha            |      | - 07   |          |  |  | 1  |  | 6/30/2040   |                       |   |                      |                                 |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 3                    |      |        |          |  |  |  |  |             |                       |   |                      |                                 |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4                    | _    |        |          | Revised 4/30/2019  |  | Based on Final S   | taff Assessment  |             |                       |   |                      |                                 |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
| Technica<br>Resource |      | ond. # | Phase    | Description  | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required  | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| GEN                  | GI   | EN-1a  | CONS/COM | Certificate of Occupancy - The project owner shall<br>design, construct, and inspect the project in accordance<br>with the 2016 California Building Standards Code<br>(CBSC), also known as Title 24, California Code of<br>Regulations, which encompasses the (see <b>Decision</b> for<br>list of codes) and all other applicable engineering LORS<br>in effect at the time initial design plans are submitted to<br>the CBO for review and approval. The project owner<br>shall ensure that all the provisions of the above<br>applicable codes are enforced during the construction,<br>addition, alteration, moving (onsite), demolition, repair,<br>or maintenance of the completed facility. In the event<br>that the initial engineering designs are submitted to the<br>CBO when the successor to the 2016 CBSC is in effect,<br>the 2016 CBSC provisions shall be replaced with the<br>applicable successor to the code specify different<br>materials, methods of construction or other<br>requirements, the most restrictive shall govern. Where<br>there is a conflict between a general requirement and a<br>specific requirement, the specific requirement shall<br>govern. The project owner shall mover formed and<br>materials supplied comply with the codes listed above.   | verification, signed by the<br>responsible design engineer,<br>attesting that all designs,<br>construction, installation, and<br>inspection requirements of the<br>applicable LORS and the Energy<br>Commission's decision have been<br>met in the area of facility design.  | Statement of<br>verification signed by<br>the responsible design<br>engineer, attesting<br>that all designs,<br>construction,<br>installation, and<br>inspection<br>requirements of the<br>applicable LORS and<br>the Energy<br>Commission's decision<br>have been met in the<br>area of facility design<br>to CPM | Within 30 days<br>following receipt of<br>the certificate of<br>occupancy from CBO   | 8/20/2020   |                       | Not started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | POWER                | ΤΑΤ                     |
| 202<br>GEN           | GI   | EN-1b  | CONS/COM | Certificate of Occupancy - The project owner shall design, construct, and inspect the project in accordance with the 2016 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the (see Decision for list of codes) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving (onsite), demolition, repair, or maintenance of the completed facility. In the event that the initial engineering designs are submitted to the 20B othen the successor to the 2016 CBSC is in effect, the 2016 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.            | verification, signed by the<br>responsible design engineer,<br>attesting that all designs,<br>construction, installation, and<br>inspection requirements of the<br>applicable LORS and the Energy<br>Commission's decision have been<br>met in the area of facility design.  | A copy of the<br>Certificate of<br>Occupancy to CPM  | Within 30 days<br>following receipt of<br>the certificate of<br>occupancy from CBO   | 8/20/2020   |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| GEN                  | G    | EN-1c  | OPS      | Certificate of Occupancy - The project owner shall<br>design, construct, and inspect the project in accordance<br>with the 2016 California Building Standards Code<br>(CBSC), also known as Title 24, California Code of<br>Regulations, which encompasses the (see Decision for<br>list of codes) and all other applicable engineering LORS<br>in effect at the time initial design plans are submitted to<br>the CBO for review and approval. The project owner<br>shall ensure that all the provisions of the above<br>applicable codes are enforced during the construction,<br>addition, alteration, moving (onsite), demolition, repair,<br>or maintenance of the completed facility. In the event<br>that the initial engineering designs are submitted to the<br>CBO when the successor to the 2016 CBSC is in effect,<br>the 2016 CBSC provisions. Where, in any specific<br>case, different sections of the code specify different<br>materials, methods of construction or other<br>requirements, the most restrictive shall govern. Where<br>there is a conflict between a general requirement and a<br>specific requirement, the specific requirement shall<br>contracts with contractors, subcontractors, and<br>suppliers clearly specify that all work performed and<br>materials supplied comply with the codes listed above. | shall inform the CPM at least 30<br>dyas prior to any construction,<br>addition, alteration, moving,<br>demolition, repair, or maintenance<br>to be performed on any portion(5)<br>of the completed facility that<br>requires CBO approval for<br>compliance with the above codes.<br>The CPM will then determine if the<br>CBO needs to approve the work. | addition, alteration,<br>moving, demolition,<br>repair, or maintenance<br>of completed facility  | Inform the CPM<br>within 30 days prior<br>to any construction,<br>addition, alteration,<br>moving, demolition,<br>repair, or<br>maintenance of<br>completed facility | Conditional |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |

| stanto                | n Energy | y Reliabi       | lity Center Compliance Matrix (16-  | AFC-01)  |  |  |             |                       |   |                      |                                 | CBO Color Code:             |                     | Pre- Construction  |  |                              |                                     |                                       |                      |                         |
|-----------------------|----------|-----------------|---|--|--|--|-------------|-----------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|--|--|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| All Phase             | es       |                 |   |  | 1  |  | 6/30/2040   |                       |   |                      |                                 |                             |                     | Construction   |  |                              |                                     |                                       |                      |                         |
|                       |          |                 | Revised 4/30/2019   |  | Based on Final   | Staff Assessment   |             |                       |   |                      |                                 |                             |                     | Commissioning<br>Operations                                    |  |                              |                                     |                                       |                      |                         |
|                       |          |                 | Revised 4/30/2019   |  | Dased off Final.                                       |  |             |                       |   |                      |                                 |                             |                     | Operations   |  |                              |                                     |                                       |                      |                         |
| Technical<br>Resource | Cond. #  | Phase           | Description   | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required  | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO                                       | Date Approved by<br>CBO                              | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| GEN                   | GEN-2a   | PC              | drawings and master specifications list, as specified in<br>this condition (See <b>Decision</b> GEN-2). The schedule shall<br>contain the date of each submittal to the CBO. To<br>facilitate audits by Energy Commission staff, provide  | At least 60 days (or a project<br>owner- and CBO-approved<br>alternative time frame) prior to<br>the start of rough grading, submit<br>to the CBO and to the CPM the<br>schedule, and the master drawings<br>and master specifications list of<br>documents to be submitted to the<br>CBO for review and approval.<br>These documents shall be the<br>pertinent design documents for<br>the major structures, systems, and<br>equipment defined in this<br>condition. Major structures and<br>equipment shall be added to or<br>deleted from the list only with<br>CPM approval. | Schedule, Master<br>Drawings &<br>Specifications Lists | At least 60 days prior<br>to the start of rough<br>grading.                | 11/3/2018   | 11/2/2018             | Completed   | 11/20/2018           |                                 |                             |                     | 2.1 Updated<br>Sched of Dwgs,<br>Equip &<br>Sub1/18/2019       | 2.1 Approved<br>1/23/19                              |                              |                                     |                                       | POWER                | ТАТ                     |
| GEN                   | GEN-2b   | PC/CONS         | Updates to Drawings and Lists - See GEN-2a  | Provide Updates to Schedule of<br>Drawings and Specification Lists<br>updates in the MCR   | Schedule updates                                       | Monthly  | Monthly     |                       | In Progress   |                      |                                 |                             |                     | 1/18/2019  | 1/23/2019  |                              |                                     |                                       | SERC                 | GAL                     |
| GEN                   | GEN-3a   | PC/CONS/C<br>OM | Payment of CBO - Make payments to the CBO (made to<br>the Energy Commission) for design review, plan checks,<br>and construction inspections and other applicable CBO<br>activities, based on a reasonable fee schedule to be<br>negotiated between the project owner and the CBO. If<br>the Energy Commission delegates the CBO function to a<br>third party or local agency, the project owner, at the<br>Energy Commission's direction, shall make payments<br>directly to the DCBO based upon a fee schedule<br>negotiated between the Energy Commission and<br>the DCBO. These fees may be consistent with the fees<br>listed in the 2016 CBC, adjusted for inflation and other<br>appropriate adjustments; may be based on hourly rates; or<br>may be otherwise agreed upon by the project owner<br>and the CBO.  | required payments to the CBO in<br>accordance with the agreement.<br>The project owner shall send a<br>copy of the CBO's receipt of  | CBO monthly<br>payments                                | Monthly  | Monthly     |                       | In Progress   |                      |                                 |                             |                     | Monthly  |  |                              |                                     |                                       | SERC                 | RRF/JLJ                 |
| GEN                   | GEN-3b   | PC/CONS/C<br>OM | Payment of CBO - Make payments to the CBO (made to<br>the Energy Commission) for design review, plan checks,<br>and construction inspections and other applicable CBO<br>activities, based on a reasonable fee schedule to be<br>negotiated between the project owner and the CBO. If<br>the Energy Commission delegates the CBO function to a<br>third party or local agency, the project owner, at the<br>Energy Commission's direction, shall make payments<br>directly to the DCBO based upon a fee schedule<br>negotiated between the Energy Commission and<br>the DCBO. These fees may be consistent with the fees<br>listed in the 2016 CBC, adjusted for inflation and other<br>appropriate adjustments; may be based on the value of<br>the facilities reviewed; may be based on hourly rates; or<br>may be otherwise agreed upon by the project owner<br>and the CBO. | required payments to the CBO in<br>accordance with the agreement.<br>The project owner shall send a<br>copy of the CBO's receipt of  | Copy of CBO's Receipt<br>of Payment with the<br>MCR    | Monthly  | Monthly     |                       | In Progress   |                      |                                 |                             |                     | Monthly  |  |                              |                                     |                                       | SERC                 | GAL                     |
| GEN                   | GEN-4a   | PC              | responsible for the elements listed in this condition (see <b>Decision</b> GEN-4).  | and CBO-approved alternative<br>time frame) prior to the start of<br>rough grading, submit to the CBO  | RE Resume &<br>Registration Number                     | At least 30 days prior<br>to the start of rough<br>grading                 | 12/3/2018   | 1/18/2019             | Completed   | N/A                  |                                 |                             |                     | Power:<br>12/24/2018<br>Jacobs:<br>12/24/2018<br>NV5: 3/4/2019 | Power: 1/8/2019<br>Jacobs: 1/8/2019<br>NV5: 3/4/2019 |                              |                                     |                                       | SERC                 | TAT                     |
| GEN                   | GEN-4b   | PC/CONS         | Approval of RE - See GEN-4a   | Notify the CPM of the CBO's<br>approvals of the RE and other<br>delegated engineer(s) within 5<br>days of the approval.  | Notification to CPM                                    | Within 5 days of<br>receiving the approval                                 | 12/8/2018   | 1/18/2019             | Completed   |                      |                                 |                             |                     | Power:<br>12/24/2018<br>Jacobs:<br>12/24/2018<br>NV5: 3/4/2019 | Power: 1/8/2019<br>Jacobs: 1/8/2019<br>NV5: 3/4/2019 |                              |                                     |                                       | SERC                 | TAT                     |
| GEN                   | GEN-4c   | PC/CONS         | Approval of Newly Assigned RE - See GEN-4a  | Submit new resume and<br>registration number CBO for<br>review and approval  | Notification to CBO                                    | Within 5 days of<br>receiving the new<br>resume and<br>registration number | Conditional |                       | Completed   |                      |                                 |                             |                     | 2/6/2019   | 2/12/2019  |                              |                                     |                                       | SERC                 | TAT                     |
| GEN                   | GEN-4d   | PC/CONS         | Notification of Newly Assigned RE - See GEN-4a  | Notify the CPM of the CBO's<br>approvals of the RE and other<br>delegated engineer(s) within 5<br>days of the approval.  | Notification to CPM                                    | Within 5 days of<br>receiving the approval                                 | Conditional | 2/6/2019              | In Progress   |                      |                                 |                             |                     | 2/6/2019   | 2/12/2019  |                              |                                     |                                       | SERC                 | GAL                     |

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| 1 Stanton En          | nergy | Reliabi | lity Center Compliance Matrix (16-  | -AFC-01)  |  | G  |             |                        | ,   | ĸ                    |                                 | CBO Color Code:             | i v                 | Pre- Construction  |   | 4                            | IX.                                 | 5                                     | 1                    | 0                       |
| 2 All Phases          | - 07  |         |   |   | 1  |  | 6/30/2040   |                        |   |                      |                                 |                             |                     | Construction   |   |                              |                                     |                                       |                      |                         |
| 3                     |       |         |   |   |  |  |             |                        |   |                      |                                 |                             |                     | Commissioning  |   |                              |                                     |                                       |                      |                         |
| 4                     |       |         | Revised 4/30/2019   |   | Based on Final S   | staff Assessment   |             |                        |   |                      |                                 |                             |                     | Operations   |   |                              |                                     |                                       |                      |                         |
| Technical<br>Resource | nd. # | Phase   | Description   | Verification/Action/Submittal   | Submittal  | Date Submittal is<br>Required  | Due Date    | Date Submitted to CPM  | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO   | Date Approved by<br>CBO   | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| GEN GEN 213           | N-5a  | PC      | Registered Engineers - Prior to rough grading and prior<br>to construction, assign at least one of each of the<br>California registered engineers listed in this condition<br>(See Decision GEN-5) to the project. The duties of the<br>engineers are outlined in this condition. These include<br>civil engineer, solis (geotechnical) engineer, engineering<br>geologist, responsible design engineer, mechanical<br>engineer, and electrical engineer.   | and CBO-approved alternative<br>time frame) prior to the start of<br>rough grading or the start of<br>construction, submit to the CBO                               | registration number<br>for Civil Engineer, Soils<br>(geotechnical)<br>Engineer, and<br>Engineering Geologist         | At least 30 days prior<br>to the start of rough<br>grading                         | 12/3/2018   |                        | Completed   |                      |                                 |                             |                     | Power:<br>12/26/2018<br>Jacobs: 1/16/2019<br>NV5: 3/4/2019                         | Power: 1/8/2019<br>Jacobs: 1/17/2019<br>NV5: 3/4/2019           |                              |                                     |                                       | SERC                 | TLB                     |
| GEN GEN 214           | N-5b  | PC      | Approval of Responsible Engineers - See GEN-5a  | Notify the CPM of the CBO's<br>approvals of the Civil Engineer,<br>Soils (geotechnical) Engineer, and<br>Engineering Geologist within five<br>days of the approval. | Notification to CPM  | Within 5 days of the<br>approval   | 12/8/2018   | 1/18/2019<br>4/11/2019 | Completed   |                      |                                 |                             |                     | Power:<br>12/26/2018<br>Jacobs: 1/16/2019<br>NV5: 3/4/2019                         | Power: 1/8/2019<br>Jacobs: 1/17/2019<br>NV5: 3/4/2019           |                              |                                     |                                       | SERC                 | TLB                     |
| GEN GEN               | N-5c  | PC      | Registered Engineers - Prior to rough grading and prior<br>to construction, assign at least one of each of the<br>California registered engineers listed in this condition<br>(See Decision GEN-5) to the project. The duties of the<br>engineers are outlined in this condition. These include<br>civil engineer, soils (geotechnical) engineer, engineering<br>geologist, responsible design engineer, mechanical<br>engineer, and electrical engineer.   | and CBO-approved alternative<br>time frame) prior to the start of<br>rough grading or the start of<br>construction, submit to the CBO                               | registration number<br>for responsible design<br>engineer, mechanical<br>engineer, and<br>electrical engineer        | At least 30 days prior<br>to the start of<br>construction                          | 1/5/2019    |                        | Completed   |                      |                                 |                             |                     | Power:<br>12/26/2018<br>Jacobs: 1/16/2019<br>NV5: 3/4/2019                         | Power: 1/8/2019<br>Jacobs: 1/17/2019<br>NV5: 3/4/2019           |                              |                                     |                                       | SERC                 | TLB                     |
| GEN GEN               | N-5d  | PC      | Approval of Responsible Engineers - See GEN-Sa  | Notify the CPM of the CBO's<br>approvals of theresponsible design<br>engineer, mechanical engineer,<br>and electrical engineer within five<br>days of the approval. |  | Within 5 days of the<br>approval   | 1/18/2019   |                        | Completed   |                      |                                 |                             |                     | Power:<br>12/26/2018<br>Jacobs: 1/16/2019<br>NV5: 3/4/2019                         | Power: 1/8/2019<br>Jacobs: 1/17/2019<br>NV5: 3/4/2019           |                              |                                     |                                       | SERC                 | TLB                     |
| GEN GEN               | N-5e  | CONS    | Reassignment of Designated Engineer - See GEN-5a  | Notify the CPM and CBO if a<br>designated responsible engineer is<br>reassigned or replaced.  | Engineer Resumes and registration number   | Within 5 days of re-<br>assignment   | Conditional |                        | Not Started   |                      |                                 |                             |                     |  |   |                              |                                     |                                       | SERC                 | GAL/TAT                 |
| GEN GEN               | N-5f  | CONS    | Approval of Replacement Engineers - See GEN-5a  | Notify the CPM of the CBO's<br>approvals of the reassigned<br>engineers within five days of the<br>approval.  | Notification to CPM  | Within 5 days of the approval  | Conditional | 4/11/2019              | Completed   | 4/11/2019            |                                 |                             |                     |  |   |                              |                                     |                                       | SERC                 | GAL                     |
| GEN GEN               | N-6a  | CONS    | Special Inspector Assignment - Prior to the start of an<br>activity requiring special inspection, including<br>prefabricated assemblies, the project owner shall assign<br>to the project, qualified and certified special<br>inspector(s) who shall be responsible for the special<br>inspector, certified by the 2016 CBC. A certified weld<br>inspectr, certified by the American Welding Society<br>(AWS), and/or American Society of Mechanical<br>Engineers (ASME) as applicable, shall inspect welding<br>performed on-site requiring special inspection<br>(including structural, piping, tanks and pressure<br>vessels). (See Decision GEN-6 for additional<br>specifications)         | Assign certified and qualified<br>special inspectors for special<br>inspections required by the 2016<br>CBC.  | Submit names and<br>qualifications of<br>certified special<br>inspectors to the CBO                                  | At least 15 days<br>before start of an<br>activity requiring<br>special inspectors | Ongoing     |                        | In Progress   |                      |                                 |                             |                     | PC1: 1/16/19<br>PC2: 1/28/19<br>6-1.1.0 8/15/19<br>6-2.1.6 8/16/19<br>6-3 10/14/19 | PC1: 1/17/19<br>PC2: 1/29/19<br>6-3 10/16/19<br>6-1.1.0 8/16/19 |                              |                                     |                                       | ARB                  | TLB                     |
| 219 GEN GEN-          | N-6aa | CONS    | Special Inspector Assignment - Prior to the start of an<br>activity requiring special inspection, including<br>prefabricated assemblies, the project owner shall assign<br>to the project, qualified and certified special<br>inspector(s) who shall be responsible for the special<br>inspector, certified by the 2016 CBC. A certified weld<br>inspector, certified by the American Welding Society<br>(AWS), and/or American Society of Mechanical<br>Engineers (ASME) as applicable, shall inspect welding<br>performed on-site requiring special inspection<br>(including structural, piping, tanks and pressure<br>vessels). (See <b>Decision</b> GEN-6 for additional<br>specifications) | special inspectors for special  | Copy to the CPM the<br>names and<br>qualifications of<br>certified special<br>inspectors submitted<br>to the CBO     | At least 15 days<br>before start of an<br>activity requiring<br>special inspectors | Ongoing     |                        |   |                      |                                 |                             |                     |  |   |                              |                                     |                                       |                      | TLB                     |
| GEN GEN               | N-6b  | CONS    | Approval of Inspectors - See GEN-6a   | Submit a copy of the CBO's  | Submit copies of CBO   | Monthly  | Monthly     |                        | In Progress   |                      |                                 |                             |                     | PC1: 1/16/19   | PC1: 1/17/19  |                              |                                     |                                       | ARB                  | TLB                     |
| 221 GEN GEN<br>222    | N-6c  | CONS    | Reassignment of Inspectors - See GEN-6a   | approval of inspectors<br>Notify the CPM and CBO if a<br>designated special inspector is<br>reassigned or replaced.   | approvals in the MCR<br>Names and<br>qualifications of<br>certified special<br>inspectors to the CBO<br>for approval | Within 5 days of re-<br>assignment   | Conditional |                        | Not Started   |                      |                                 |                             |                     | PC2: 1/28/19   | PC2: 1/29/19  |                              |                                     |                                       |                      | TLB                     |
| GEN GEN 223           | N-6d  | CONS    | Approval of Replacement Inspectors -See GEN-6a  | Notify the CPM of the CBO's<br>approvals of the new special<br>inspectors within five days of the<br>approval.  | Notification to CPM  | Within 5 days of the<br>approval   | Conditional |                        | Not Started   |                      |                                 |                             |                     |  |   |                              |                                     |                                       | ARB                  | TLB                     |

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| 1 Stant              | on Ei | nergy  | / Reliab | ility Center Compliance Matrix (16-   | AFC-01)  |   | -   |             |                       |   |                      | -                                 | CBO Color Code:             |                     | Pre- Construction             |                                |                              |                                     |                                       |                      | -                       |
| 2 All Pha            | ses   |        |          |   |  | 1   |   | 6/30/2040   |                       |   |                      |                                   |                             |                     | Construction                  |                                |                              |                                     |                                       |                      |                         |
| 3                    |       |        |          | Revised 4/30/2019   |  | Based on Final S  | taff Assessment   |             |                       |   |                      |                                   |                             |                     | Commissioning<br>Operations   |                                |                              |                                     |                                       |                      |                         |
| Technica<br>Resource | al Co | ond. # | Phase    | Description   | Verification/Action/Submittal  | Submittal   | Date Submittal is<br>Required                               | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPN | Condition Amended?<br>1 Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO      | Date Approved by<br>CBO        | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| GEN 224              | GE    | EN-7a  | CONS/COM | Design Discrepancy Correction - If any discrepancy in<br>design and/or construction is discovered in any<br>engineering work that has undergone CBO design<br>review and approval, the project owner shall document<br>the discrepancy and recommend required corrective<br>actions. The discrepancy documentation shall be<br>submitted to the CBO for review and approval. The<br>discrepancy documentation shall reference this<br>condition of certification and, if appropriate, applicable<br>sections of the CBC and/or other LORS.  | Transmit a copy of the CBO's<br>approval of any corrective action<br>taken to resolve a discrepancy to<br>the CPM in the monthly<br>compliance report.   | Copy of CBO's<br>approval in the MCR  | Monthly   | Monthly     |                       | Not Started   |                      |                                   |                             |                     |                               |                                |                              |                                     |                                       | SERC                 | GAL                     |
| GEN<br>225           | GE    | EN-7b  | CONS/COM | Notification of Correction Disapproval - See GEN-7a   | If any corrective action is<br>disapproved, the project owner<br>shall advise the CPM, within five<br>days, of the reason for disapprova<br>and the revised corrective action<br>to obtain CBO's approval.   | Notify CPM and<br>provide revised<br>corrective action<br>I   | Within 5 days of CBO<br>disapproval of<br>corrective action | Conditional |                       | Not Started   |                      |                                   |                             |                     |                               |                                |                              |                                     |                                       | SERC                 | GAL                     |
| GEN 226              | GE    | EN-8a  | CONS     | CBO Inspection and Approval - The project owner shall<br>obtain the CBO's final approval of all completed work<br>that has undergone CBO design review and approval.<br>The project owner shall request the CBO to inspect the<br>completed structure and review the submitted<br>documents. The project owner shall notify the CPM<br>after obtaining the CBO's final approval. The project<br>owner shall retain one set of approved engineering<br>plans, specifications, and calculations (including all<br>approved changes) at the project site, or at another<br>accessible location, during the operating life of the<br>project. Electronic copies of the approved plans,<br>specifications, calculations, and marked-up as-built shall<br>be provided to the CBO for retention by the CPM.  | letter stating both that the above<br>documents have been stored and<br>the storage location of those<br>documents.  | written notice that the<br>completed work is<br>ready for final<br>inspection, and a<br>signed statement that<br>the work conforms to<br>the final approved<br>plans.                     | Within 15 days of the<br>completion of any<br>work          | Conditional |                       | In Progress   |                      |                                   |                             |                     |                               |                                |                              |                                     |                                       | SERC                 | GAL                     |
| GEN                  | GEI   | N-8aa  | CONS     | CBO Inspection and Approval - The project owner shall<br>obtain the CBO's final approval of all completed work<br>that has undergone CBO design review and approval.<br>The project owner shall request the CBO to inspect the<br>completed structure and review the submitted<br>documents. The project owner shall notify the CPM<br>after obtaining the CBO's final approved. The project<br>owner shall retain one set of approved engineering<br>plans, specifications, and calculations (including all<br>approved changes) at the project site, or at another<br>accessible location, during the operating life of the<br>project. Electronic copies of the approved plans,<br>specifications, calculations, and marked-up as-built shall<br>be provided to the CBO for retention by the CPM.  | approved engineering plans,<br>specifications, and calculations<br>described above, the project<br>owner shall submit to the CPM a<br>letter stating both that the above<br>documents have been stored and<br>the storage location of those<br>documents.  | the submittal to the<br>CBO a written notice<br>that the completed<br>work is ready for final<br>inspection, and a<br>signed statement that<br>the work conforms to<br>the final approved | Monthly as<br>completed                                     | Monthly     |                       | In Progress   |                      |                                   |                             |                     |                               |                                |                              |                                     |                                       |                      |                         |
| 227<br>GEN<br>228    | GE    | EN-8b  | CONS     | Plan and Specification Storage - See GEN-8a   | After storing the final approved<br>engineering plans, specifications,<br>and calculations described above,<br>submit a letter to the CPM.   |   | After storage is in place                                   | Conditional |                       | Not started   |                      |                                   |                             |                     |                               |                                |                              |                                     |                                       | SERC                 | GAL                     |
| GEN<br>229           | GE    | EN-8c  | CONS     | Plan and Specification Archive Copies- See GEN-8a   | The project owner shall provide to<br>the CBO three sets of electronic<br>copies of the engineering plans,<br>specifications, and calculations at<br>the project owner's expense.  | "Read only" (Adobe<br>.pdf 6.0 or newer<br>version) files, with<br>restricted (password-<br>protected) printing<br>privileges, on archive<br>quality compact discs.                       | Within 90 days of the<br>completion of<br>construction      | 8/21/2020   |                       | Not Started   |                      |                                   |                             |                     |                               |                                |                              |                                     |                                       | SERC                 | TAT                     |
| GEO<br>230           | GĒ    | EO-1a  | PC       | Solis Engineering Report - A Soils Engineering Report, as<br>required by Section 1803 of the California Building Code<br>(CBC, 2016), or its successor in effect at the time<br>construction of the project commences, shall<br>specifically include laboratory test data, associated<br>geotechnical engineering analyses, and a thorough<br>discussion of seismicity; liquefaction; dynamic<br>compaction; compressible soils; corrosive soils; and<br>ground rupture due to faulting. In accordance with the<br>CBC, the report must also include recommendations for<br>ground improvement and<br>foundation systems necessary to mitigate these<br>(potentia geologic hazards, if present). In accordance<br>with the California Business and Professions Code, the<br>appropriate qualified California licensed individual(s) is<br>required to sign and seal the Soils Engineering Report. | the application for a grading<br>permit a copy of the Soils<br>Engineering Report which<br>addresses the potential for strong<br>seismic shaking; liquefaction;<br>dynamic compaction; settlement<br>due to compressible soils;<br>corrosive soils: and ground<br>rupture due to faulting, and a<br>summary of how the results of the<br>analyses were incorporated into<br>the project's foundation and<br>grading plan design for review and | Soils Engineering<br>Report, application for<br>grading permit to CBO<br>for comments   | 90 days before<br>grading                                   | 11/3/2018   |                       | Completed   |                      |                                   |                             |                     | 1-1.0: 1/7/19<br>1-4.0:1/7/19 | 1-1.0: 2/1/19<br>1-4.0: 2/1/19 |                              |                                     |                                       | NV5                  | тат                     |

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|----------------------|-------|-------|--------|--|--|---|--|------------|-----------------------|---|-----------------------|---------------------------------|-----------------------------|---------------------|---|--|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| Stante               | on En | nergy | Reliab | lity Center Compliance Matrix (16-   | AFC-01)  |   |  |            |                       |   |                       |                                 | CBO Color Code:             |                     | Pre- Construction                             |  |                              |                                     |                                       |                      |                         |
| All Phas             | es    |       |        |  |  | •   |  | 6/30/2040  |                       |   |                       |                                 |                             |                     | Construction                                  |  |                              |                                     |                                       |                      |                         |
| 1                    |       |       |        |  |  | Read on Singl (   |  |            |                       |   |                       |                                 |                             |                     | Commissioning                                 |  |                              |                                     |                                       |                      |                         |
| ł                    |       |       |        | Revised 4/30/2019  |  | based on Final 3  | Staff Assessment   |            |                       |   |                       |                                 |                             |                     | Operations                                    |  |                              |                                     |                                       |                      |                         |
| Technica<br>Resource | Con   | nd. # | Phase  | Description  | Verification/Action/Submittal  | Submittal   | Date Submittal is<br>Required  | Due Date   | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM  | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO                      | Date Approved by<br>CBO                        | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| GEO                  | GEC   | 0-1b  | PC     | Soils Engineering Report - A Soils Engineering Report, as<br>required by Section 1803 of the California Building Code<br>(CBC, 2016), or its successor in effect at the time<br>construction of the project commences, shall<br>specifically include laboratory test data, associated<br>geotechnical engineering analyses, and a thorough<br>discussion of seismicity; liquefaction; dynamic<br>compaction; compressible soils; corrosive soils; and<br>ground rupture due to faulting. In accordance with the<br>CBC, the report must also include recommendations for<br>ground improvement and<br>foundation systems necessary to mitigate these<br>(potential geologic hazards, if present). In accordance<br>with the California Business and Professions Code, the<br>appropriate qualified California licensed individual(s) is<br>required to sign and seal the Soils Engineering Report. | the application for a grading<br>permit a copy of the Soils<br>Engineering Report which<br>addresses the potential for strong<br>seismic shaking; liquefaction;<br>dynamic compaction; settlement<br>due to compressible soils;<br>corrosive soils: and ground<br>rupture due to faulting, and a<br>summary of how the results of the<br>analyses were incorporated into<br>the project's foundation and<br>grading plan design for review and | Soils Engineering<br>Report, application for<br>grading permit, and<br>CBO comments to<br>CPM | 60 days before<br>grading  | 12/3/2018  | 11/2/2018             | Completed   | 11/26/2018            |                                 |                             |                     | 1-1.0: 1/7/19<br>1-4.0:1/7/19                 | 1.1.0: 2/1/19<br>1.4.0: 2/1/19                 |                              |                                     | - <b>G</b>                            | SERC                 | GAL                     |
| HAZ                  | НА    | AZ-1  | OPS    | Hazardous Materials Management - The project owner<br>shall not use any hazardous materials not listed in<br>Appendix B, below, or in greater quantities or strenghts<br>than those identified by chemical name in Appendix B,<br>below, unless approved in advance by the compliance<br>project manager (CPM).  | permit and any comments by the<br>CBO at least 60 days prior to<br>grading.<br>The project owner shall provide to<br>the COM, in the Annual<br>Compliance Report, the Hazardous  | Materials Business<br>Plan in the Annual<br>Compliance Report.                                | Annual Compliance<br>Report  | 12/31/2020 |                       | Not Started   |                       |                                 |                             |                     |   |  |                              |                                     |                                       | SERC                 | DSR                     |
| HAZ                  | HA    | ıZ-2a | CONS   | HMBP and SPCC - The project owner shall concurrently<br>provide a Hazardous Materials Business Plan (HMBP), a<br>Spill Prevention Control and Countermeasure Plan<br>(SPCC), and a Risk Management Plan (RMP) to the<br>Orange County Environmental Health Division (OCEHD)<br>and the CPM for review. After receiving comments from<br>the OCEHD and the CPM, the project owner shall reflect<br>all recommendations in the final documents. Copies of<br>the final Hazardous Materials Business Plan and RMP<br>shall then be provided to the OCEHD for information<br>and to the CPM for approval.  | material on the site for<br>commissioning or operations, the<br>project owner shall provide a copy<br>of the HMBP and SPCC to the CPM  |   | Approximatly 60 days<br>before receiving<br>hazardous materials<br>on site | 7/20/2019  | 8/2/2019              | Completed   | 9/12/2019<br>10/14/19 |                                 |                             |                     | 1-1.08/6/19 PC1<br>2-3.08/6/19 PC1            |  |                              |                                     |                                       | SERC                 | DSR                     |
| HAZ                  | HAZ   | Z-2aa | CONS   | HMBP and SPCC - The project owner shall concurrently<br>provide a Hazardous Materials Business Plan (HMBP), a<br>Spill Prevention Control and Countermeasure Plan<br>(SPCC), and a Risk Management Plan (RMP) to the<br>Orange County Environmental Health Division (OCEHD)<br>and the CPM for review. After receiving comments from<br>the OCEHD and the CPM, the project owner shall reflect<br>all recommendations in the final documents. Copies of<br>the final Hazardous Materials Business Plan and RMP<br>shall then be provided to the OCEHD for information<br>and to the CPM for approval.  | material on the site for<br>commissioning or operations, the<br>project owner shall provide a copy<br>of the HMBP and SPCC to the CPM<br>for review.   |   | Approximatly 60 days<br>before receiving<br>hazardous materials<br>on site | 7/29/2019  |                       | Completed   |                       |                                 |                             |                     |   |  | OCEHD                        | 8/2/2019                            |                                       |                      |                         |
| 14 HAZ               | HAZ   | Z-2ab | CONS   | Plan (HMBP), a Spill Prevention Control and<br>Countermeasure Plan (SPCC), and a Risk Management<br>Plan (RMP) to the Orange County Environmental Health   |  | OCEHD for review  | At least 30 days<br>before receiving<br>hazardous materials<br>on site     | 7/29/2019  | 9/27/2019             | Completed   | 10/14/2019            |                                 |                             |                     | 2-1.1 8/6/19<br>2-3 PC1 8/6/19<br>2-3 9/26/19 | 2-1.1 9/4/19<br>2-3 PC1 9/4/19<br>2-3 10/15/19 |                              |                                     |                                       |                      |                         |
| HAZ                  | HAZ   | Z-2ac | CONS   | Final HMBP and SPCC - The project owner shall<br>concurrently provide a Hazardous Materials Business<br>Plan (HMBP), a Spill Prevention Control and<br>Countermeasure Plan (SPCC), and a Risk Management<br>Plan (RMP) to the Orange County Environmental Health<br>Division (OCEHD) and the CPM for review. After<br>receiving comments from the OCEHD and the CPM, the<br>project owner shall reflect all recommendations in the<br>final documents. Copies of the final Hazardous<br>Materials Business Plan and RMP shall then be provided<br>to the OCEHD for information and to the CPM for<br>approval.   |  | OCEHD for review  | At least 30 days<br>before receiving<br>hazardous materials<br>on site     | 7/29/2019  |                       | Completed   |                       |                                 |                             |                     |   |  | OCEHD                        | 9/24/2019                           | 7-Nov                                 |                      |                         |

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|-----|-----------------------|---------|-----------|---|--|---------------------------------------|---|------------|---|---|----------------------|-----------------------------------|-----------------------------|---------------------|-------------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
|     | Stanto                | n Fnerg | v Reliabi | lity Center Compliance Matrix (16-  | AFC-01)  |                                       | 6   |            |   | ,   | R                    | L .                               | CBO Color Code:             |                     | Pre- Construction             |                         | <u> </u>                     | K                                   | 5                                     |                      | 0                       |
|     | All Phase             | -       | ,         |   |  | 1                                     | 1   | 6/30/2040  | <u> </u>  |   |                      |                                   |                             |                     | Construction                  |                         |                              |                                     |                                       |                      |                         |
| 3   | - III IIIIII IIIIII   |         |           |   |  |                                       |   |            |   |   |                      |                                   |                             |                     | Commissioning                 |                         |                              |                                     |                                       |                      |                         |
| 4   |                       |         |           | Revised 4/30/2019   |  | Based on Final S                      | taff Assessment   |            |   |   |                      |                                   |                             |                     | Operations                    |                         |                              |                                     |                                       |                      |                         |
|     | Technical<br>Resource | Cond. # | Phase     | Description   | Verification/Action/Submittal  | Submittal                             | Date Submittal is<br>Required   | Due Date   | Date Submitted to CPM                                       | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPN | Condition Amended?<br>1 Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO      | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
|     | HAZ                   | HAZ-2b  | CONS      | Final Risk Management Plan - See HAZ-2a   | At least 30 days prior to delivery of<br>aqueous ammonia to the site, the<br>project owner shall provide the<br>final RMP to the Certified Unified<br>Program Agency (the Orange<br>County Environmental Health<br>Division) for information and to<br>the CPM for approval. | Unified Program<br>Agency (the Orange | At least 30 days<br>before delivery of<br>aqueous ammonia on<br>site                          | 7/29/2019  | 10/25/2019  | Completed   | 11/12/2019           |                                   |                             |                     |                               |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 237 | HAZ                   | HAZ-2c  | CONS      | Final Risk Management Plan - See HAZ-2a   | At least 30 days prior to delivery of<br>aqueous ammonia to the site, the<br>project owner shall provide the<br>final RMP to the Certified Unified<br>Program Agency (the Orange<br>County Environmental Health<br>Division) for information and to<br>the CPM for approval. |                                       | At least 30 days<br>before delivery of<br>aqueous ammonia on<br>site                          | 10/20/2019 |   | Completed   |                      |                                   |                             |                     | 10/24/2019                    | 11/12/2019              |                              |                                     |                                       | SERC                 | DSR                     |
| 238 | HAZ                   | HAZ-2c  | CONS      | Final Risk Management Plan - See HAZ-2a   | At least 30 days prior to delivery of<br>aqueous ammonia to the site, the<br>project owner shall provide the<br>final RMP to the Certified Unified<br>Program Agency (the Orange<br>County Environmental Health<br>Division) for information and to<br>the CPM for approval. |                                       | At least 30 days<br>before delivery of<br>aqueous ammonia on<br>site                          | 10/20/2019 |   | Completed   |                      |                                   |                             |                     |                               |                         | OCEHD                        | 10/24/2019                          | 7-Nov                                 |                      |                         |
| 239 | HAZ                   | HAZ-3   | CONS/COM  | Aqueous Ammonia Safety Management Plan - The<br>project owner shall develop and implement a Safety<br>Management Plan for delivery of aqueous ammonia<br>and other liquid hazardous materials by tanker truck.<br>The plan shall include procedures, protective<br>equipment requirements, training, and a checklist. It<br>shall also include a section describing all measures to be<br>implemented to prevent mixing of incompatible<br>hazardous materials including provisions to maintain<br>lockout control by a power plant employee not involved<br>in the delivery or transfer operation. This plan shall be<br>applicable during construction, commissioning, and<br>operation of the power plant.   |  | Safety Management<br>Plan to CPM      | At least 30 days<br>before delivery of any<br>liquid hazardous<br>material to the facility    | 10/20/2019 | 9/27/2019   | Completed   | 10/8/2019            |                                   |                             |                     |                               |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 240 | HAZ                   | HAZ-3a  | CONS/COM  | Aqueous Ammonia Safety Management Plan - The<br>project owner shall develop and implement a Safety<br>Management Plan for delivery of aqueous ammonia<br>and other liquid hazardous materials by tanker truck.<br>The plan shall include procedures, protective<br>equipment requirements, training, and a checklist. It<br>shall also include a section describing all measures to be<br>implemented to prevent mixing of incompatible<br>hazardous materials including provisions to maintain<br>lockout control by a power plant employee not involvee<br>in the delivery or transfer operation. This plan shall be<br>applicable during construction, commissioning, and<br>operation of the power plant.   | approval.  | Safety Management<br>Plan to CBO      | At least 30 days<br>before delivery of any<br>liquid hazardous<br>material to the facility    |            |   | Completed   |                      |                                   |                             |                     | 9/30/2019                     | 10/15/2019              |                              |                                     |                                       | SERC                 | DSR                     |
| 242 | HAZ                   | HAZ-4   | CONS      | Ammonia Storage Tank Design - The aqueous ammonia<br>storage facility shall be designed to the ASME Code for<br>Unfired Pressure Vessels, Section VIII, Division 1. The<br>storage tank shall be protected by a secondary<br>containment that drains to an underground vault via (3<br>1.25 square foot openings capable of holding<br>precipitation from a 24-hour, 25-year storm event plus<br>100 percent of the capacity of the largest tank within its<br>boundary. The storage tank shall have ammonia<br>detectors positioned to detect an ammonia leak or loss<br>of containment. The final design drawings and<br>specifications for the ammonia storage tank, secondary<br>containment basin, and underground vault shall be<br>submitted to the CPM. | final design drawings and<br>specifications for the ammonia<br>storage tank, ammonia pumps,<br>ammonia detectors around the<br>ammonia storage tank, secondary<br>containment basin, and<br>underground vault to the CPM for<br>review and approval (copy CBO)               |                                       | At least 30 days<br>before construction<br>of the ammonia<br>storage and transfer<br>facility | 10/20/2019 | 3/15/2019<br>4/29/2019 (CBO approval<br>transmitted to CPM) | Completed   | 4/30/2019            |                                   |                             |                     | 3/14/2019<br>(reference only) | 4/29/2019               |                              |                                     |                                       | POWER                | GAL                     |

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|                      |   | Energy  | / Reliab | ility Center Compliance Matrix (16-   | AFC-01)   |   | G  |             |  | Ĺ   | ĸ   | L L                             | CBO Color Code:             | N                   | Pre- Construction        | r                       | Q                               | K                                   | 3                                     | I                    | 0                       |
| 2 All Pha            |   |         |          |   | ,   | I   |  | 6/30/2040   |  |   |   |                                 |                             |                     | Construction             |                         |                                 |                                     |                                       |                      |                         |
| 3                    | _ |         |          |   |   | President Final C   |  |             |  |   |   |                                 |                             |                     | Commissioning            |                         |                                 |                                     |                                       |                      |                         |
| Technica<br>Resource |   | Cond. # | Phase    | Revised 4/30/2019<br>Description  | Verification/Action/Submittal   | Submittal   | taff Assessment<br>Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM  | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM  | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to?    | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| HAZ                  |   | HAZ-5   | CONS     | Transport Vehicle Specifications - The project owner<br>shall direct all vendors delivering aqueous ammonia to<br>the site to use only tanker truck transport vehicles that<br>meet or exceed the specifications of MC-307/DOT-407.   | supply vendors indicating the   | vendors   | At least 30 days prior<br>to receipt of aqueous<br>ammonia on site   | 10/20/2019  | 8/7/2019<br>9/30/19  | Completed   | 10/8/2019   |                                 |                             |                     |                          |                         |                                 |                                     |                                       | SERC                 | GAL                     |
| HAZ                  | ŀ | HAZ-6a  | CONS     | HazMat Transport Route Restrictions - Prior to initial<br>delivery, the project owner shall direct vendors<br>delivering bulk quantities (>800 gallons per delivery) of<br>hazardous material (e.g., aqueous amonia, lubricating<br>and insulating oils) to the site to use only the route<br>approved by the CPM (from State Route 91, exiting on<br>Beach Boulevard and traveling south to Katella Avenue,<br>then east on Katella Avenue and turn left and head<br>north on Dale Avenue to the Stanton entrance). The<br>project owner shall obtain approval of the CPM if an<br>alternate route is desired. | copy of the letter containing the<br>route restriction directions that  | Copy of the letter<br>containing route<br>restriction directions<br>for hazardous<br>materials vendor.                        | At least 60 days prior<br>to initial receipt of<br>bulk quantities (>800<br>gallons per delivery)<br>of hazardous<br>materials (e.g.,<br>aqueous ammonia,<br>lubricating and<br>insulating oils) | 10/20/2019  | 8/7/2019<br>9/30/2019  | Completed   | 8/22/2019<br>10/8/19  |                                 |                             |                     | 8/22/2019                | 8/30/2019               | GE Prolec<br>Hill Bro<br>AirGas | 8/7/2019<br>9/30/2019<br>9/30/2019  | 8/7/2019                              | SERC                 | GAL                     |
| 45                   | ŀ | HAZ-6b  | CONS/OPS | Route Restrictions, New Vendor - See HAZ-6a   | The project owner shall submit a<br>copy of the letter containing the<br>route restriction directions that<br>were provided to any new<br>designated hazardous materials<br>vendor to the CPM for review and<br>approval.   | Copy of the letter<br>containing route<br>restriction directions<br>for the <b>new hazardous</b><br><b>materials vendor</b> . | At least 10 days prior<br>to a new vendor<br>delivery of bulk<br>quantities (>800<br>gallons per delivery)   | Conditional |  | Not Started   |   |                                 |                             |                     | (Ref Only)               |                         |                                 |                                     |                                       | SERC                 | GAL                     |
| HAZ<br>46            |   | HAZ-7   | PC       | Construction Site Security Plan - Prior to commencing<br>construction, a site-specific Construction Site Security<br>Plan for the construction phase shall be prepared and<br>made available to the CPM for review and approval.<br>(See Decision HAZ-7 of six items/specifications).   |   | Site-specific<br>Construction Security<br>Plan  | At least 30 days prior<br>to commencing<br>construction  | 12/3/2018   | 11/20/2018   | Completed   | 1/25/2019   |                                 |                             |                     | 1/21/2019                | 1/28/2019               |                                 |                                     |                                       | SERC                 | GAL                     |
| HAZ                  | ŀ | HAZ-8a  | CONS/OPS | Operations Site Security Plan - The project owner shall<br>also prepare a site-specific security plan for the<br>commissioning and operational phases that would be<br>available to the CPM for review and approval. The<br>project owner shall implement site security measures<br>that address physical site security and hazardous<br>materials storage. The level of security to be<br>implemented shall not be less than that described<br>below (as per NERC Security Guideline for the Electricity<br>Sector: Physical Security v2.0). See Decision HAZ-8 for<br>nine items/specifications.              | CPM that a site-specific operations<br>site security plan is available for<br>review and approval.  |   | At least 30 days prior<br>to the initial receipt of<br>hazardous materials<br>on site  | 7/20/2019   | 4/30/2019 (Castle Spike<br>Topper Only)<br>8/9/2019<br>9/18/2019 | Completed   | 5/16/2019 (Castle<br>Spike Topper Only)<br>8/9/2019<br>11/26/2019 |                                 |                             |                     |                          |                         |                                 |                                     |                                       | SERC                 | GAL                     |
| HAZ                  | ŀ | HAZ-8b  | OPS      | Operations Site Security Plan - The project owner shall<br>also prepare a site-specific security plan for the<br>commissioning and operational phases that would be<br>available to the CPM for review and approval. The<br>project owner shall implement site security measures<br>that address physical site security and hazardous<br>materials storage. The level of security to be<br>implemented shall not be less than that described<br>below (as per NERC Security Guideline for the Electricity<br>Sector: Physical Security v2.0). See Decision HAZ-8 for<br>nine items/specifications.              | statements similar to Attachment<br>A and Attachment B that all<br>current project employee and<br>appropriate contractor<br>background investigations have<br>been performed, and that updated<br>certification statements have been<br>appended to the operations | similar to Attachment<br>A, Attachment B, and<br>Attachment C   | Annual Compliance<br>Report  | 12/31/2020  |  | Not Started   |   |                                 |                             |                     |                          |                         |                                 |                                     |                                       | SERC                 | GAL                     |

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|-------------------|--------|---------|----------|---|--|---|--|------------|-----------------------|-------------|----------------------|---------------------------------|-----------------------------|---------------------|--|---|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
|                   |        | Energy  | / Reliab | lity Center Compliance Matrix (16-  | AFC-01)  |   |  |            |                       |             |                      |                                 | CBO Color Code:             |                     | Pre- Construction  |   |                              |                                     |                                       |                      |                         |
| 2 All P           | Phases |         |          |   |  | I   |  | 6/30/2040  |                       |             |                      |                                 |                             |                     | Construction   |   |                              |                                     |                                       |                      |                         |
| 3                 |        |         |          | Revised 4/30/2019   |  | Based on Final S  | taff Assessment  |            |                       |             |                      |                                 |                             |                     | Commissioning<br>Operations  |   |                              |                                     |                                       |                      |                         |
|                   |        |         |          |   |  |   |  |            |                       |             |                      |                                 |                             |                     |  |   |                              |                                     |                                       |                      |                         |
| Tech<br>Reso      | ource  | Cond. # | Phase    | Description   | Verification/Action/Submittal  | Submittal   | Date Submittal is<br>Required  | Due Date   | Date Submitted to CPM |             | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO   | Date Approved by<br>CBO   | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| H <i>i</i><br>249 | IAZ    | HAZ-9   | CONS/OPS | Fuel Gas Pipe Cleaning - The project owner shall not<br>allow any fuel gas pipe cleaning activities on site, either<br>before placing the pipe into service or at any time<br>during the lifetime of the facility, that involve<br>"flammable gas blows" where natural (or flammable)<br>gas is used to blow out debris from piping and then<br>vented to atmosphere.<br>Instead, an inherently safer method involving a non-<br>flammable gas (e.g. air, nitrogen, steam) or mechanical<br>pigging, shall be used as per the latest edition of NFPA<br>56, Standard for Fire and Explosion Prevention during<br>Cleaning and Purging of Flammable Gas Piping Systems.<br>A written procedure shall be developed and<br>implemented as per NFPA 56, section 4.4.1.  | copy of the Fuel Gas Pipe Cleaning<br>Work Plan (as described in the<br>2014 NFPA 56, section 4.4.1)<br>which shall indicate the method of<br>cleaning to be used, what gas will<br>be used, the source of<br>pressurization, and whether a<br>mechanical PIG will be used, to the<br>CBM for information and to the<br>CPM for review and approval. | Fuel Gas Pipe Cleaning<br>Work Plan   | At least 30 days<br>before any fuel gas<br>pipe cleaning<br>activities begin   | 11/27/2019 |                       | on          |                      |                                 |                             |                     |  |   |                              |                                     |                                       | SERC                 | DSR                     |
| ME<br>250         | ECH    | MECH-1a | CONS     | Plant Piping and Plumbing System Plans- The project<br>owner shall submit, for CBO design review and<br>approval, the proposed final design, specifications, and<br>calculations for each plant major piping and plumbing<br>system listed in the CBO-approved master drawing and<br>master specifications list. The submittal shall also<br>include the applicable quality assurance/ quality control<br>(QA/QC) procedures. Upon completion of construction<br>of any such major piping or plumbing system, the<br>project owner shall request the CBO's inspection<br>approval of that construction. The responsible<br>mechanical engineer shall stamp and sign all plans,<br>drawings, and calculations for the major piping and<br>plumbing systems, subject to CBO design review and<br>approval, and submit a signed statement to the CBO<br>when the proposed piping and plumbing systems have<br>been designed, fabricated, and installed in accordance<br>with all of the applicable laws, ordinances, regulations<br>and industry standards. (See <b>Decision</b> MECH-1 for<br>specifications) | specifications, and calculations,<br>including a copy of the signed and<br>stamped statement from the<br>responsible mechanical engineer   | specifications, and<br>calculations and<br>certification of                         | At least 30 days (or<br>project owner- and<br>CBO-approved<br>alternative time<br>frame) prior to the<br>start of any increment<br>of major piping or<br>plumbing<br>construction listed in<br>the CBO-approved<br>master drawing and<br>master specifications<br>list   | Ongoing    |                       | In Progress |                      |                                 |                             |                     | 1.1:2/8/2019<br>1.2:2/8/19<br>1.3:2/11/19<br>1.4:3/1/19<br>1.5:4/4/19<br>1.6:6/10/19<br>1.66(29/19<br>1.76/20/19<br>1.4:0 5/31/19<br>1-6:0 6/10/19 PC1<br>1-10 7/23/19 PC1 | 1.1 : 2/26/19<br>1.2 : 5/16/19<br>1.3 : 5/7/19<br>1.4 : 3/11/19<br>conditional<br>1.5 : 5/7/19<br>1.6 : 6/10/19 PC1<br>1.6 : 6/25/19 PCF<br>1.4 0.6 /19/19 PCF<br>1.4 0.6 19/19 PC1 |                              |                                     |                                       | Power                | ТАТ                     |
| 251               | ECH    | MECH-1b | CONS     | Plant Piping and Plumbing System Plans- The project<br>owner shall submit, for CBO design review and<br>approval, the proposed final design, specifications, and<br>calculations for each plant major piping and plumbing<br>system listed in the CBO-approved master drawing and<br>master specifications list. The submittal shall also<br>include the applicable quality assurance/ quality control<br>(QA/QC) procedures. Upon completion of construction<br>of any such major piping or plumbing system, the<br>project owner shall request the CBO's inspection<br>approval of that construction. The responsible<br>mechanical engineer shall stamp and sign all plans,<br>drawings, and calculations for the major piping and<br>plumbing systems, subject to CBO design review and<br>approval, and submit a signed statement to the CBO<br>when the proposed piping and plumbing systems have<br>been designed, fabricated, and installed in accordance<br>with all of the applicable laws, ordinances, regulations<br>and industry standards. (See Decision MECH-1 for<br>specifications)        | specifications, and calculations,<br>including a copy of the signed and<br>stamped statement from the<br>responsible mechanical engineer   | of the transmittal<br>letter in the next<br>monthly compliance                      | Monthly Compliance<br>Report (one time)  | Monthly    |                       | In Progress |                      |                                 |                             |                     |  |   |                              |                                     |                                       | SERC                 | GAL                     |
| 252 ME            | ECH    | MECH-1c | CONS     | CBO Approvals, Piping and Plumbing - See MECH-1a  | The project owner shall transmit<br>to the CPM, in the monthly<br>compliance report following<br>completion of any inspection, a<br>copy of the transmittal letter<br>conveying the CBO's inspection<br>approvals.   | Copy of transmittal<br>letters and copies of<br>CBO inspection<br>approvals in MCR. | Monthly  | Monthly    |                       | In Progress |                      |                                 |                             |                     |  |   |                              |                                     |                                       | SERC                 | GAL                     |
| ME                | ECH    | MECH-2a | CONS     | Pressure Vessel Installation - For all pressure vessels<br>installed in the plant, the project owner shall submit to<br>the CBO and California Occupational Safety and Health<br>Administration (Cal-OSHA), prior to operation, the code<br>certification papers and other documents required by<br>applicable LORS. Upon completion of the installation of<br>any pressure vessel, the project owner shall request the<br>appropriate CBO and/or Cal-OSHA inspection of that<br>installation. (See Decision MECH-2 for additional<br>specifications).  | approval, the above listed<br>documents, including a copy of the<br>signed and stamped engineer's<br>certification, with a copy of the   | design review and<br>approval, the above  | At least 30 days (or<br>project owner- and<br>CBO-approved<br>alternative time<br>frame) prior to the<br>start of on-site<br>fabrication or<br>installation of any<br>pressure vessel the<br>project owner shall<br>submit to the CBO for<br>design review and<br>approval, the above<br>listed documents,<br>including a copy of<br>the signed and<br>stamped engineer's<br>certification, with a<br>copy of the<br>transmittal letter to<br>the CPM. | 11/9/2019  |                       | Not Started |                      |                                 |                             |                     | 9/27/2019  | 2-1.0 PC1 10/16/19  |                              |                                     |                                       | Power                | ТАТ                     |

|            | A                | В        | с                | D  | E   | F   | G  | н          | 1                     | J   | К                    | L                               | М                           | N                   | 0                                      | Р                       | Q                            | R                                   | S                                     | т                    | U                       |
|------------|------------------|----------|------------------|--|---|---|--|------------|-----------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|--|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 <b>S</b> | anton            | Energy   | y Reliabi        | lity Center Compliance Matrix (16-   | AFC-01)   |   |  |            |                       |   |                      |                                 | CBO Color Code:             |                     | Pre- Construction                      |                         |                              |                                     |                                       |                      |                         |
| 2 A        | Phases           | ;        |                  |  |   | 1   |  | 6/30/2040  |                       |   |                      |                                 |                             |                     | Construction                           |                         |                              |                                     |                                       |                      |                         |
| 3          |                  |          |                  | Revised 4/30/2019  |   | Based on Final S                                | taff Assessment                              |            |                       |   |                      |                                 |                             |                     | Commissioning<br>Operations            |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  |   |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            | hnical<br>source | Cond. #  | Phase            | Description  | Verification/Action/Submittal   | Submittal                                       | Date Submittal is<br>Required                | Due Date   | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO               | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
|            | 1ECH             | MECH-2b  | CONS             | Pressure Vessel Installation - For all pressure vessels<br>installed in the plant, the project owner shall submit to | The project owner shall submit to<br>the CBO for design review and    | A copy of the<br>transmittal letter to          | At least 30 days (or<br>project owner- and   | 11/9/2019  | 10/26/2019            | Completed   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | the CBO and California Occupational Safety and Health  | approval, the above listed  | the CPM of the Design                           | CBO-approved                                 |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | Administration (Cal-OSHA), prior to operation, the code<br>certification papers and other documents required by      |   | e documents to CBO                              | alternative time<br>frame) prior to the      |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | applicable LORS. Upon completion of the installation of  | certification, with a copy of the                                     |   | start of on-site                             |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | any pressure vessel, the project owner shall request the<br>appropriate CBO and/or Cal-OSHA inspection of that       | transmittal letter to the CPM.  |   | fabrication or<br>installation of any        |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
| 25.4       |                  |          |                  | installation. (See <b>Decision</b> MECH-2 for additional specifications).  |   |   | pressure vessel                              |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
| 254        | 1ECH             | MECH-2c  | CONS             | CBO and Cal-OSHA Inspections and Approvals, Pressure   |   | Transmit to the CPM,                            | Monthly                                      | Monthly    |                       | Not Started   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       | SERC                 | GAL                     |
|            |                  |          |                  | Vessels, MCR - See MECH-2a   | to the CPM, in the monthly<br>compliance report following             | in the monthly<br>compliance report             |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  | completion of any inspection, a                                       | following completion                            |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  | copy of the transmittal letter<br>conveying the CBO's and/or Cal-     | of any inspection, a<br>copy of the transmittal |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  | OSHA inspection approvals.  | letter conveying the<br>CBO's and/or Cal-       |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  |   | OSHA inspection                                 |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
| 255        | 1ECH             | MECH-3a  | PC/CONS          | HVAC Plans - The project owner shall submit to the CBO   | The project owner shall submit to                                     | approvals<br>Calculations, plans,               | At least 30 days (or                         | 10/7/2019  |                       | Completed   |                      |                                 |                             |                     | 3-1.0 7/10/19 PC1                      |                         |                              |                                     |                                       | SERC                 | JBM                     |
|            |                  |          |                  | for design review and approval the design plans,<br>specifications, calculations, and quality control                | the CBO the required HVAC and refrigeration calculations, plans,      | and specification, and statement of             | project owner- and<br>CBO-approved           |            |                       |   |                      |                                 |                             |                     | 3-1.1 7/10/19 PC1<br>3-1.2 7/10/19 PC1 |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | procedures for any heating, ventilating, air conditioning  |   | compliance to CBO                               | alternative time                             |            |                       |   |                      |                                 |                             |                     | 3-1.2 7/10/19 PC1<br>3-1.3 7/10/19 PC1 |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | (HVAC) or refrigeration system. Packaged HVAC<br>systems, where used, shall be identified with the                   | copy of the signed and stamped<br>statement from the responsible      |   | frame) prior to the<br>start of construction |            |                       |   |                      |                                 |                             |                     | 3-1.4 7/10/19 PC1<br>3-2.0 7/16/19 PC1 |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | appropriate manufacturer's data sheets. (See Decision  | mechanical engineer certifying  |   | of any HVAC or                               |            |                       |   |                      |                                 |                             |                     | 3-2.1 7/10/19 PC1                      |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | MECH-3 for additional specifications).   | compliance with the CBC and<br>other applicable codes, with a         |   | refrigeration system                         |            |                       |   |                      |                                 |                             |                     | 3-2.2 7/16/19 PC1<br>3-2.3 6/25/19 PC1 |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  | copy of the transmittal letter to                                     |   |  |            |                       |   |                      |                                 |                             |                     | 3-2.4 4/1/19 PC1                       |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  | the CPM.  |   |  |            |                       |   |                      |                                 |                             |                     | 3-2.5 4/4/19 PC1<br>Cisco SPM ?        |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  |   |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  |   |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  |   |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  |   |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  |   |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
| 256        | 1ECH             | MECH-3b  | PC/CONS          | HVAC Plans - The project owner shall submit to the CBO   | The project owner shall submit to                                     | Calculations plans                              | At least 30 days (or                         | 10/7/2019  | 10/25/2019            | Completed   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       | SERC                 | JBM                     |
|            |                  |          | 1 0/ 00110       | for design review and approval the design plans,   | the CBO the required HVAC and   | and specification, and                          | project owner- and                           | 10/7/2015  | 10/20/2010            | completed   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       | SERC                 | 35.00                   |
|            |                  |          |                  | specifications, calculations, and quality control<br>procedures for any heating, ventilating, air conditioning       | refrigeration calculations, plans,<br>and specifications, including a | statement of<br>compliance to CBO,              | SPM-approved<br>alternative time             |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | (HVAC) or refrigeration system. Packaged HVAC<br>systems, where used, shall be identified with the                   | copy of the signed and stamped statement from the responsible         | with a copy of the<br>transmittal letter to     | frame) prior to the<br>start of construction |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | appropriate manufacturer's data sheets. (See <b>Decision</b>   | mechanical engineer certifying  | the CPM   | of any HVAC or                               |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | MECH-3 for additional specifications).   | compliance with the CBC and<br>other applicable codes, with a         |   | refrigeration system                         |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  | copy of the transmittal letter to                                     |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
| 257        | OISE             | NOISE-1a | PC               | Public Notification Process - Prior to the start of ground   | the CPM.<br>The project owner shall transmit                          | Public notice to                                | At least 15 days prior                       | 12/18/2018 | 12/17/2018            | Completed   | 12/17/2018           |                                 |                             |                     |  |                         |                              |                                     |                                       | JACOBS               | GAL                     |
|            |                  |          |                  | disturbance, the project owner shall notify all residents within one mile of the project site and one-half mile of   | to the CPM a statement, signed by                                     |   | to the start of ground disturbance           |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | the linear facilities, by mail or by other effective means,  | manager, stating that the   |   | dista bance                                  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | of the commencement of project construction. At the same time, the project owner shall establish a                   | notification to residents within<br>one mile of the project has been  |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | telephone number for use by the public to report any   | performed, and describing the   |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | undesirable noise conditions associated with the<br>construction and operation of the project. If the                | method of that notification.  |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | telephone is not staffed 24 hours a day, the project<br>owner shall include an automatic answering feature,          |   |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | with date and time stamp recording, to answer calls  |   |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | when the phone is unattended. This telephone number<br>shall be posted at the project site during construction       |   |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | where it is visible to passersby. This telephone number  |   |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | shall be maintained until the project has been<br>operational for at least one year.                                 |   |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
| 258        | OISE             | NOISE-1b | PC               | Telephone Number Confirmation - See NOISE-1a   | Transmit to the CPM a statement,                                      | Confirmation of that                            | At least 15 days prior                       | 12/18/2018 | 12/17/2018            | Completed   | 12/21/2018           |                                 |                             |                     |  |                         |                              |                                     |                                       | SERC                 | GAL                     |
|            |                  |          | -                |  | signed by the project owner's   | the telephone number                            | to the start of ground                       |            |                       |   | , ,                  |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  | project manager, stating that the<br>telephone number has been        | has been established<br>and posted at the site. | disturbance                                  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  |  | established and posted at the site,<br>and providing that telephone   |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
| 259        |                  | NO       |                  |  | number.   |   | wells & C                                    | . /- /     |                       |   |                      |                                 |                             |                     |  |                         | ļ                            | ļ                                   |                                       |                      |                         |
|            | OISE             | NOISE-2a | CONS/COM/<br>OPS | Noise Complaint Process - Throughout the construction<br>and the full term of operation, including facility closure, |   | Noise Complaint<br>Resolution Form              | Within five days of<br>receiving a noise     | 4/9/2019   | 4/9/2019              | Completed   | 4/9/2019             |                                 |                             |                     |  |                         |                              |                                     |                                       | SERC                 | GAL                     |
|            |                  |          |                  | the project owner shall document, investigate, evaluate,   | documents the resolution of the                                       |   | complaint                                    |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
|            |                  |          |                  | and attempt to resolve all project-related noise<br>complaints. See <b>Decision</b> NOISE-2 for specifications.      | complaint.  |   |  |            |                       |   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |
| 260        |                  |          |                  |  |   |   |  |            |                       | 1   |                      |                                 |                             |                     |  |                         |                              |                                     |                                       |                      |                         |

|              | A               | В        | С                | D   | E  | F  | G   | Н           | I                     | J   | К                    | L                                 | м                           | N                   | 0                           | Р                       | Q                            | R                                   | S                                     | T                    | U                       |
|--------------|-----------------|----------|------------------|---|--|--|---|-------------|-----------------------|---|----------------------|-----------------------------------|-----------------------------|---------------------|-----------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 Sta        | nton            | Energy   | y Reliabi        | lity Center Compliance Matrix (16-  | AFC-01)  |  |   |             |                       |   |                      |                                   | CBO Color Code:             |                     | Pre- Construction           |                         |                              |                                     |                                       |                      |                         |
| 2 All P      | Phases          |          |                  |   |  | 1  |   | 6/30/2040   |                       |   |                      |                                   |                             |                     | Construction                |                         |                              |                                     |                                       |                      | -                       |
| 3            |                 |          |                  | Revised 4/30/2019   |  | Based on Final S   | Staff Assessment  |             |                       |   |                      |                                   |                             |                     | Commissioning<br>Operations |                         |                              |                                     |                                       |                      |                         |
| Tech<br>Reso | nnical<br>ource | Cond. #  | Phase            | Description   | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPN | Condition Amended?<br>1 Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted              | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 261          | DISE            | NOISE-2b | CONS/COM/<br>OPS | Noise Complaint Resolution - See NOISE-2a   | If mitigation is required to resolve<br>the complaint, and the complaint<br>is not resolved within three<br>business days, the project owner<br>shall submit an updated Noise<br>Complaint Resolution Form when<br>the mitigation is implemented.  |  | When the mitigation is implemented  | Conditional |                       | In Progress   |                      |                                   |                             |                     |                             |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 262          | DISE            | NOISE-3  | PC               | Employee Noise Control Program - Submit to the CPM<br>for review and approval a noise control program and to<br>reduce employee exposure to high (above permissible)<br>noise levels during construction in accordance with Title<br>8, California Code of Regulations, Sections 5095-5099,<br>and Title 29, Code of Federal Regulations, Section<br>1910.95.   | of ground disturbance, submit the<br>noise control program to the CPM.<br>Make the program available to Cal-   |  | At least 30 days prior<br>to the start of ground<br>disturbance                         | 12/3/2018   | 11/20/2018            | Completed   | 1/3/2019             |                                   |                             |                     | 1/15/2019<br>(Ref Only)     | 1/18/2019               |                              |                                     |                                       | SERC                 | GAL                     |
| 263          | DISE            | NOISE-4a | COM/OPS          | Operational Noise Survey - The project design and<br>implementation shall include appropriate noise<br>mitigation measures adequate to ensure that the noise<br>levels due to the project operation alone do not exceed<br>an hourly average exterior noise level of 49 dBA<br>measured at monitoring location LT1 and 43 dBA<br>measured at monitoring location LT2. See Decision<br>NOISE-4 for further specifications.   |  | Conduct the<br>operational noise<br>survey                       | Within 30 days of<br>achieving a sustained<br>output of 85 percent<br>of rated capacity | 4/12/2020   |                       | Not Started   |                      |                                   |                             |                     |                             |                         |                              |                                     |                                       | Innova               | DSR                     |
| 264          | DISE            | NOISE-4b | COM/OPS          | Noise Survey Summary Report - See NOISE-4a  | Prepare a summary report of the<br>operational noise survey for<br>submittal to the CPM. Included in<br>the survey report shall be a<br>description of any additional<br>mitigation measures necessary to<br>achieve compliance with the above<br>listed noise limits, and a schedule,<br>subject to CPM approval, for<br>implementing these measures. | Summary report of the<br>operational noise<br>survey to the CPM  | e Within 15 days after<br>the survey  | 5/1/2020    |                       | Not Started   |                      |                                   |                             |                     |                             |                         |                              |                                     |                                       | Innova               | DSR                     |
| 265          | DISE            | NOISE-4c | COM/OPS          | Revised Noise Survey Summary - See NOISE-4a   | When the additional mitigation<br>measures are implemented and in<br>place, the project owner shall<br>repeat and prepare a new<br>summary report of the new<br>survey.  | Summary report of the<br>new noise survey                        | Within 15 days of<br>completing a new<br>survey   | Conditional |                       | Not Started   |                      |                                   |                             |                     |                             |                         |                              |                                     |                                       | Innova               | DSR                     |
| 266          | DISE            | NOISE-5  | COM/OPS          | Occupational Noise Survey - Following the project's<br>attainment of a sustained output of 85 percent or<br>greater of its rated capacity, the project owner shall<br>conduct an occupational noise survey to identify any<br>noise hazardous areas within the power plant. The<br>survey shall be conducted by a qualified person in<br>accordance with the provisions of Title 8, California<br>Code of Regulations, Sections 5095-5099 (Article 105)<br>and Title 29, Code of Federal Regulations, Section<br>1910.95. The survey results shall be used to determine<br>the magnitude of employee noise exposure. (See<br>Decision NOISE-5 for further information). | The project owner shall submit the<br>noise survey report to the CPM.<br>The project owner shall make the<br>report available to OSHA and Cal-<br>OSHA upon request from OSHA<br>and Cal-OSHA.   | Submit to the CPM a<br>summary report of the<br>new noise survey | Within 30 days after<br>completing the new<br>survey                                    | 4/12/2020   |                       | Not Started   |                      |                                   |                             |                     | (Ref Only)                  |                         |                              |                                     |                                       | Innova               | DSR                     |
| 267          | DISE            | NOISE-6  | PC               | driving, shall be restricted to the times delineated in this<br>condition (See <b>Decision</b> NOISE-6). Construction work<br>shall be performed in a manner to ensure excessive  |  | acknowledging<br>restrictions                                    | Prior to ground<br>disturbance  | 1/1/2019    | 11/26/2018            | Completed   | 1/3/2019             |                                   |                             |                     | 1/22/2019<br>(Ref Only)     | 1/24/2019               |                              |                                     |                                       | SERC                 | GAL                     |
| 268          | DISE            | NOISE-7a | CONS             | Pile Driving Technique - The project owner shall<br>perform pile driving in a manner to reduce the potential<br>for any project-related noise and vibration complaints.<br>The project owner shall notify the residents in the<br>vicinity of pile driving prior to start of pile driving<br>activities.  |  | driving technique to<br>be used                                  |   | Conditional |                       | Not Started   |                      |                                   |                             |                     | (Ref Only)                  |                         |                              |                                     |                                       | SERC                 | GAF                     |

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| 1 Stanto             | on Energ | y Reliabi | lity Center Compliance Matrix (16-   | AFC-01)  | · ·  |   |             |   |   | K   | -                               | CBO Color Code:             |                     | Pre- Construction           |                         | 4                            | K                                   | 5                                     |                      |                         |
| 2 All Phas           | -        |           |  | ·  | 1  | 1   | 6/30/2040   |   |   |   |                                 |                             |                     | Construction                |                         |                              |                                     |                                       |                      |                         |
| 3                    |          |           | Revised 4/30/2019  |  | Based on Final S   | itaff Assessment  |             |   |   |   |                                 |                             |                     | Commissioning<br>Operations |                         |                              |                                     |                                       |                      |                         |
| Technica<br>Resource | Cond. #  | Phase     | Description  | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required                                   | Due Date    | Date Submitted to CPM   | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM  | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO    | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| NOISE                | NOISE-7b | CONS      | Notify Residents, Pile Driving - See NOISE-7a  | The project owner shall notify the<br>residents within one mile of the<br>pile driving. In this notification, the<br>project owner shall state that it<br>will perform this activity in a<br>manner to reduce the potential for<br>any project-related noise and<br>vibration complaints as much as<br>practicable. The project owner<br>shall submit a copy of this<br>notification to the CPM prior to<br>the start of pile driving. | Notification to<br>residents within one<br>mile of the project<br>with copy to CPM | At least 10 days prior<br>to first pile driving                 | Conditional |   | Not Started   |   |                                 |                             |                     | (Ref Oniy)                  |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| PAL<br>270           | PAL-1a   |           | Paleontological Resources Specialist - Provide the CPM<br>with the resume and qualifications of the PRS for review<br>and approval. The PRS and Paleontological Resource<br>Specialist (PRS) shall meet the minimum qualifications<br>described in this condition (See Decision PAL-1 for<br>specifications).  | of ground disturbance, submit a<br>resume and statement of<br>availability of its designated PRS<br>for on-site work.  | PRS Resume &<br>Statement of<br>Availability to CPM                                | At least 60 days prior<br>to the start of ground<br>disturbance | 11/3/2018   | 10/18/2018  | Completed   | 10/18/2018  |                                 |                             |                     |                             |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| PAL<br>271           | PAL-1b   |           | Paleontological Resources Monitors - Ensure that the<br>PRS obtains qualified Paleontological Resource<br>Monitors (PRMs) to monitor as he or she deems<br>necessary on the project. PRMs shall have the<br>equivalent of the qualifications described in this<br>condition (PAL-1).   | At least 30 days prior to ground<br>disturbance, provide a letter with<br>resumes naming anticipated<br>monitors, stating that the<br>identified monitors meet the<br>minimum qualifications for<br>paleontological resource<br>monitoring required by the<br>condition.   | PRM Resumes & Quals  | to ground disturbance   | 12/3/2018   | 11/1/2018<br>7/9/2019   | Completed   | 11/9/2018   |                                 |                             |                     |                             |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| PAL<br>272           | PAL-1c   | PC/CONS   | Certify additional PRMs (See PAL-1)  | PRS shall provide additional letters<br>and resumes to the CPM if<br>needed.   | PRM Resumes & Quals  | No later than one<br>week before<br>beginning site duties.      | Conditional | 6/14/2019<br>6/17/2019(Campbell)<br>7/9/2019(Serrano)<br>8/20/19<br>9/3/2019<br>9/23/19 By Paleo West (D<br>Alexander)<br>10/9/19 | In Progress   | 6/17/2019<br>6/17/2019 (Campbell)<br>7/11/2019 (Serrano)<br>8/20/19<br>9/5/19<br>9/5/19<br>9/25/19 (Alexander)<br>10/9/19 |                                 |                             |                     |                             |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| PAL                  | PAL-1d   | PC/CONS   | Replacement PRS (See PAL-1)  | Prior to any change of the PRS,<br>project owner shall submit resume<br>of proposed new PRS to CPM for<br>review and approval  | PRM Resumes & Quals  | No time specified.  | Conditional | 2/27/2019   | Not Started   | 2/27/2019   |                                 |                             |                     |                             |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| PAL                  | PAL-2a   | PC        | Maps and Drawings to PRS - Provide to the PRS and the<br>CPM, for approval, maps and drawings showing the<br>footprint of the project, as described in this condition<br>(See Decision PAL-2). If construction of the project<br>proceeds in phases, maps and drawings may be<br>submitted prior to the start of each phase. A letter<br>identifying the proposed schedule of each project phase<br>shall be provided to the PRS and CPM. The PRS or PRM<br>shall consult weekly with the project superintendent or<br>construction field manager to confirm area(s) to be<br>worked the following week. | At least 30 days prior to the start<br>of ground disturbance, provide the<br>maps and drawings to the PRS and<br>CPM.  | Maps and drawings  | At least 30 days prior<br>to the start of ground<br>disturbance | 12/3/2018   | 11/26/2018  | Completed   | 12/21/2018  |                                 |                             |                     |                             |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| PAL 275              | PAL-2b   | PC        | Revised Maps and Drawings - If the footprint of the<br>project or its linear facilities change, the project owner<br>shall provide maps and drawings reflecting those<br>changes to the PRS and CPM.   | If there are changes to the<br>footprint of the project, revised<br>maps and drawings shall be<br>provided to the PRS and CPM at<br>least 15 days prior to the start of<br>ground disturbance.   | Maps and drawings  | At least 15 days prior<br>to the start of ground<br>disturbance | Conditional |   | Not Started   |   |                                 |                             |                     |                             |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| PAL                  | PAL-2c   | PC/CONS   | Schedule Changes - Before work commences on<br>affected phases, the project owner shall notify the PRS<br>and CPM of any construction phase scheduling changes.  | If there are changes to the<br>scheduling of the construction  | Schedule information   | Within 5 days of<br>identifying the<br>changes                  | Conditional |   | Not Started   |   |                                 |                             |                     |                             |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 276<br>PAL<br>277    | PAL-3a   | PC        | and approval to identify general and specific measures<br>to minimize potential impacts to significant   | disturbance, provide a copy of the   | PRMMP  | At least 30 days prior<br>to ground disturbance                 | 12/3/2018   | 11/1/2018   | Completed   | 1/14/2019   |                                 |                             |                     |                             |                         |                              |                                     |                                       | JACOBS               | GAL                     |

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| 1 Stanto                   | n Ene | ergy   | Reliabi  | lity Center Compliance Matrix (16-  | L<br>AFC-01)  | F   | 6  | н           | 1                     | j   | K                    | L                 | CBO Color Code:             | N                   | Pre- Construction                      | r                       | Q                            | к                                   | 3                                     | I                    | 0                       |
| 2 All Phas                 |       | CISY I | Rendbi   |   |   |   |  | 6/30/2040   |                       |   |                      |                   |                             |                     | Construction                           |                         |                              |                                     |                                       |                      |                         |
| 3                          |       |        |          |   |   |   |  |             |                       |   |                      |                   |                             |                     | Commissioning                          |                         |                              |                                     |                                       |                      |                         |
| 4<br>Technical<br>Resource | Cond  | d. #   | Phase    | Revised 4/30/2019<br>Description  | Verification/Action/Submittal   | Based on Final S  | Date Submittal is<br>Required                    | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended | Condition<br>Amendment Date | Amended<br>Language | Operations<br>Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| PAL                        | PAL-: | -3b    |          | Paleontological Resources Monitoring and Mitigation<br>Plan (PRMMP) - A paleontological resources monitoring<br>and mitigation plan (PRMMP) shall be include elements<br>(1) through (10) as specified in this condition (See<br>Decision PAL-3) and submitted to the CPM for review<br>and approval to identify general and specific measures<br>to minimize potential impacts to significant<br>paleontological resources. Copies of the PRMMP shall<br>reside with the PRS, each monitor, the project owner's<br>on-site manager, and the CPM.   |   | CPM Approval of<br>PRMMP  | Prior to ground<br>disturbance                   | 1/19/2019   | 11/1/2018             | Completed   | 1/14/2019            |                   |                             |                     |  |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 278<br>PAL<br>279          | PAL-4 | -4a    |          | Worker Environmental Awareness Program,<br>Paleontological Resources - Prior to ground disturbance<br>and for the duration of construction activities involving<br>ground disturbance, as described in this condition (See<br>Decision PAL-4), prepare and conduct weekly CPM-<br>approved paleontological resources training for the<br>workers specified in this condition. The training shall<br>include elements (1) through (7) of this condition.   |   | sticker, script, and<br>procedures.   | At least 30 days prior<br>to ground disturbance  | 1/19/2019   | 11/1/2018             | Completed   | 11/9/2018            |                   |                             |                     |  |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| PAL                        | PAL-4 | -4b    | PC       | Final WEAP - See PAL-4a   | The project owner shall submit to<br>the<br>CPM for approval the final WEAP<br>and training script. If the project<br>owner is planning to use a video<br>for training, a copy of the training<br>video shall be submitted following<br>final approval of WEAP and<br>training script.  |   | At least 15 days<br>before ground<br>disturbance | 2/3/2019    | 1/10/2019             | Completed   | 1/17/2019            |                   |                             |                     |  |                         |                              |                                     |                                       | JACOBS               | GAL                     |
| PAL                        | PAL-! | 5a C   |          | WEAP Training Documentation//MCR - No worker shall<br>excavate or perform any ground disturbance activity<br>prior to receiving CPM-approved WEAP training by the<br>PRS, unless specifically approved by the CPM. (See<br>Decision PAL-5 for further specifications).  | In the Monthly Compliance Report<br>(MCR), the project owner shall<br>provide copies of<br>the WEAP certification of<br>completion forms with the names<br>of those trained, trainer<br>identification, and type of training<br>(in-person and/or video) offered<br>that month. The MCR shall also<br>include a running total of all<br>persons who have completed the<br>training to date. | MCR, number of<br>personnel trained<br>during the reporting<br>period, and total<br>number of personnel | Monthly  | Monthly     |                       | In Progress   |                      |                   |                             |                     |  |                         |                              |                                     |                                       | ARB                  | GAL                     |
| PAL                        | PAL-  | -5b C  | CONS/COM | Alternate WEAP Trainer - See PAL-5a   | If the project owner requests an<br>alternate paleontological WEAP<br>trainer, the resume<br>and qualifications of the trainer<br>shall be submitted to the CPM for<br>review and approval prior to<br>installation of an alternate trainer.<br>Alternate trainers shall not<br>conduct WEAP training prior to<br>CPM authorization.  | Resume and<br>qualifications of WEAP<br>trainer   | Before installation of the alternate trainer     | Conditional |                       | Not started   |                      |                   |                             |                     |  |                         |                              |                                     |                                       | ARB                  | GAL                     |
| PAL 283                    | PAL-  | -6a    |          | Paleontological Monitoring - The project owner shall<br>ensure that the PRS and PRM(s) monitor, consistent<br>with the PRMMP, all construction-related grading and<br>excavation in areas where potential fossil-bearing<br>materials have been identified, both at the site and<br>along any constructed linear facilities associated with<br>the project. In the event that the PRS determines full-<br>time monitoring is not necessary in locations that were<br>identified as potentially fossil-bearing in the PRMMP,<br>the project owner shall notify and seek the concurrence<br>of the CPM. The PRS may not further delegate the<br>responsibility for determining whether full-time<br>monitoring is necessary. (See Decision PAL-6 for<br>specifications) | monthly compliance report (MCR)   | and summary of monitoring activities  | Monthly  | Monthly     |                       | In Progress   |                      |                   |                             |                     |  |                         |                              |                                     |                                       | JACOBS               | GAL                     |

|            | А                     | В                  | С                | D  | E   | F   | G  | Н           | 1                     | J   | K                    | L                               | м                           | N                   | 0                              | Р                              | Q                            | R                                   | S                                     | Т                    | U                       |
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| 1 5        | Stantor               | n Energy           | y Reliabi        | lity Center Compliance Matrix (16-   | AFC-01)   |   |  |             |                       |   |                      |                                 | CBO Color Code:             |                     | Pre- Construction              |                                |                              |                                     |                                       |                      |                         |
| 2 <b>A</b> | All Phase             | s                  |                  |  |   | 1   | 1  | 6/30/2040   |                       |   |                      |                                 |                             |                     | Construction                   |                                |                              |                                     |                                       |                      |                         |
| 3          |                       |                    |                  | Revised 4/30/2019  |   | Based on Final  | Staff Assessment   |             |                       |   |                      |                                 |                             |                     | Commissioning<br>Operations    |                                |                              |                                     |                                       |                      |                         |
|            | Technical<br>Resource | Cond. #            | Phase            | Description  | Verification/Action/Submittal   | Submittal   | Date Submittal is<br>Required  | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO       | Date Approved by<br>CBO        | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 284        | PAL                   | PAL-6b             |                  | Notification of Change in Monitoring - See PAL-6a  | The project owner shall ensure<br>that the PRS submits the summary<br>of monitoring and paleontological<br>activities in the MCR. When<br>feasible, the CPM shall be notified<br>15 days in advance of any<br>proposed changes in monitoring<br>different from that identified in<br>the PRMMP, which will require<br>concurrence between the PRS and<br>CPM. If there is any unforeseen<br>change in monitoring, the notice<br>shall be given as soon as possible<br>prior to implementation of the<br>change. | monitoring  | Notify CPM 15 days in<br>advance of changes in<br>monitoring when<br>feasible                    | Conditional |                       | Not started   |                      |                                 |                             |                     |                                |                                |                              |                                     |                                       | JACOBS               | GAL                     |
| 285        | PAL                   | PAL-7              |                  | Paleontological Resources Report - The project owner<br>shall ensure preparation of a Paleontological Resources<br>Report (PRR) by the designated PRS. The PRR shall be<br>prepared following completion of ground-disturbing<br>activities. The PRR shall include an analysis of the<br>collected fossil materials and related information, and<br>shall be submitted to the CPM for approval.  | the CPM.  | Resources Report  | Within 90 days after<br>completion of ground-<br>disturbing activities,<br>including landscaping | 8/21/2020   |                       | Not started   |                      |                                 |                             |                     |                                |                                |                              |                                     |                                       | JACOBS               | GAL                     |
| 286        | PAL                   | PAL-8              | CONS/COM/<br>OPS | Curation Entity/Curation Fees - The project owner,<br>through the designated PRS, shall ensure that all<br>components of the PRMMP are adequately performed,<br>including collection of fossil material, preparation of<br>fossil material for analysis, analysis of fossils,<br>identification and inventory of fossils, preparation of<br>fossils for curation, and delivery for curation of all<br>significant paleontological resource materials<br>encountered and collected during project construction.<br>The project owner shall pay all curation fees charged by<br>the museum for fossil material collected and curated as<br>a result of paleontological mitigation. The project owner<br>shall also provide the curator with documentation<br>showing the project owner irrevocably and<br>unconditionally donates, gives, and assigns permanent,<br>absolute, and unconditional ownership of the fossil<br>material. | ownership of all fossil material.   | entity responsible for<br>curation and that<br>curation fees have | Within 60 days of<br>submittal of the PRR  | 10/4/2020   |                       | Not Started   |                      |                                 |                             |                     |                                |                                |                              |                                     |                                       | JACOBS               | GAL                     |
| 287        | SOCIO                 | SOCIO-1            | PC               | School Facility Development Fee - The project owner<br>shall pay the current one-time statutory school facility<br>development fee to the Magnolia Elementary School<br>District and to the Anaheim Union High School District<br>as authorized by Education Code Section 17620 and the<br>Magnolia Elementary School District Board Policy BP<br>7211 Facilities: Developer Fees.   | the compliance project manager<br>(CPM) proof that the delegate<br>chief building official (DCBO) has   | Payment / Proof of<br>payment of the<br>development fees          | At least 30 days prior<br>to start of<br>construction  | 12/3/2018   | 12/3/2018             | Completed   | 12/5/2018            |                                 |                             |                     | 1/7/2019                       | 1/10/2019                      |                              |                                     |                                       | SERC                 | GAL                     |
| 288        | S&W                   | SOIL &<br>WATER-1a | PC               | NPDES Construction Permit Requirements - The project<br>owner shall manage storm water pollution from project<br>construction activities by fulfiling the requirements<br>contained in State Water Resources Control Board's<br>National Pollutant Discharge Elimination System<br>(NPDES) General Permit for Storm Water Discharges<br>Associated with Construction and Land Disturbance<br>Activities (Order No. 2009-0009-DWQ, NPDES No.<br>CAS00002) and all subsequent revisions and<br>amendments. The project owner shall develop and<br>implement a construction Storm Water Pollution<br>Prevention Plan (SWPPP) for the construction of the<br>project.  | the CPM proof that the  | construction permit<br>was granted and a<br>WDID was issued       | At least thirty (30)<br>days prior to site<br>mobilization                                       | 12/3/2018   | 11/26/2018            | Completed   | 12/12/2018           |                                 |                             |                     | SWPPP: 1/7/19<br>WQMP: 3/18/19 | SWPPP: 2/6/19<br>WQMP: 3/27/19 |                              |                                     |                                       | SERC                 | GAF                     |
| 289        | S&W                   | SOIL &<br>WATER-1b |                  | NPDES Construction Permit Requirements-Storm<br>Water Pollution Prevention Plan (SWPPP) - See SOIL &<br>WATER 1a   | Construction SWPPP to SWRQB   | See S&W 1a  | At least thirty (30)<br>days prior to site<br>mobilization                                       | 12/3/2018   | 11/26/2018            | Completed   | 12/12/2018           |                                 |                             |                     | SWPPP: 1/7/19<br>WQMP: 3/18/19 | SWPPP: 2/6/19<br>WQMP: 3/27/19 |                              |                                     |                                       | SERC                 | GAF                     |

| Stanto                | n Energy           | / Reliabili  | ity Center Compliance Matrix (16-  | AFC-01)  |   |   |             |                                  |   |  | CBO Color Code:             |                     | Pre- Construction   |                                |                              |                                     |                                       |                      | 1                       |
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| All Phase             |                    |  | · · ·  |  | I   |   | 6/30/2040   |                                  |   |  |                             |                     | Construction  |                                |                              |                                     |                                       |                      | [                       |
|                       |                    |  |  |  |   |   |             |                                  |   |  |                             |                     | Commissioning   |                                |                              |                                     |                                       |                      |                         |
|                       |                    |  | Revised 4/30/2019  |  | Based on Final S  | taff Assessment   |             |                                  |   |  |                             |                     | Operations  |                                |                              | -                                   |                                       |                      | <u> </u>                |
| Technical<br>Resource | Cond. #            | Phase  | Description  | Verification/Action/Submittal  | Submittal   | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM            | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Condition Amended?<br>Date Approved by CPM Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO                                  | Date Approved by<br>CBO        | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| S&W                   | SOIL &<br>WATER-1c | PC/CONS (  | Correspondence with SARWQCB - See SOIL & WATER<br>1a   | The project owner shall submit to<br>the CPM any correspondence<br>between the project owner and<br>the SWRCB or the Santa Ana<br>Regional Water Quality Control<br>Board (SARWQCB) about the<br>general NPDES permit for<br>discharge of storm water<br>associated with this activity. This<br>information shall include the<br>notice of intent, the notice of<br>termination, and any updates to<br>the construction SWPPP. | Correspondence<br>between the owner<br>and SARWQCB                                    | Within ten (10) days<br>of its mailing or<br>receipt  | Conditional |                                  | Not started   |  |                             |                     | SWPPP: 1/7/19<br>WQMP: 3/18/19                            | SWPPP: 2/6/19<br>WQMP: 3/27/19 |                              |                                     |                                       | SERC                 | GAL                     |
| S&W                   | SOIL &<br>WATER-2a | ,<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | Stormwater Management Plan/WQMP - The project<br>owner shall comply with the Orange County Model<br>Water Quality Management Plan (WQMP) requirements<br>in accordance with Title 4, Division 13 and Title 9,<br>Division 1, of the Orange County Code. The project<br>owner shall provide a WQMP for post-construction<br>storm water BMPs to Orange County for review and the<br>CPM for review and approval. The project owner shall<br>notify the CPM in writing of any reported non-<br>compliance with the county requirements, including<br>documentation of any measures taken to correct the<br>noncompliance, and the results of those corrective<br>measures. See Decision SOIL&WATER-2 for additional<br>specifications.   | The project owner shall provide a<br>WQMP for post-construction<br>s torm water BMPs to the CPM and<br>to the Orange County Public<br>Works Department.  | WQMP for post-<br>construction<br>stormwater BMPs                                     | At least 120 days<br>prior to site grading  | 9/14/2018   | 9/14/2018 (Rev3/19)<br>3/27/2019 | Completed   | 9/14/2018  |                             |                     | PC1:1/17/2019<br>PC2:2/21/19<br>PC3:3/18/19<br>(Ref Only) | 3/27/2019                      |                              |                                     |                                       | SERC                 | GAL                     |
| S&W                   | SOIL &<br>WATER-2b |  | Orange County Public Works Department Review of<br>WQMP - See SOIL & WATER 2a  | Obtain County review of the<br>WQMP  | Verification of the<br>county's completed<br>review of the WQMP                       | 30 days before<br>grading   | 12/3/2018   | 11/29/2018                       | Completed   | 12/1/2/18  |                             |                     |   |                                |                              |                                     |                                       | SERC                 | GAF                     |
| S&W                   | SOIL &<br>WATER-2c |  | Correspondence with County Re: Stormwater - See<br>SOIL & WATER 2a   | The project owner shall submit to<br>the CPM all copies of any relevant<br>correspondence between the<br>project owner and the county<br>regarding storm water<br>management.  | Copies of<br>correspondence with<br>the County regarding<br>storm water<br>management | Within 10 days of its mailing or receipt  | Conditional |                                  | Not Started   |  |                             |                     |   |                                |                              |                                     |                                       | SERC                 | GAL                     |
| S&W                   | SOIL &<br>WATER-3a |  | Hydrostatic and Dewatering Water Discharge Permit<br>Requirements - Prior to initiation of discharge to<br>surface water from hydrostatic testing water or<br>groundwater from dewatering, the project owner shall<br>obtain a National Pollutant Discharge Elimination<br>System permit for discharge when applicable. The<br>project owner shall comply with the requirements of<br>the NPDES Permit Order No. CAG998001 for hydrostatic<br>testing and dewatering (If applicable) water discharge.<br>The project owner shall provide a copy of all permit<br>documentation sent to the Santa Ana Regional Water<br>Quality Control Board (SARWQCB) or State Water<br>Resources Control Board (SWRCB) to the CPM and<br>notify the CPM in writing of any reported non-<br>compliance. | the CPM documentation that all<br>necessary NPDES permits were   | Documentation that<br>NPDES permits are<br>obtained                                   | Thirty (30) days prior<br>to the first scheduled<br>hydrostatic testing<br>event or discharge of<br>groundwater<br>dewatering water | 12/3/2018   | 12/4/2018                        | In Progress   | 12/13/2018   |                             |                     | (Ref Only)  |                                |                              |                                     |                                       | SERC                 | GAL                     |
| S&W                   | SOIL &<br>WATER-3b | PC I   | NPDES Plans and Permits - See SOIL&WATER-3a  | The project owner shall submit to<br>the CPM a copy of the relevant<br>plans and permits received.   | Plans and permits   | Thirty days (30) prior<br>to project<br>construction  | 12/3/2018   | 12/6/2018                        | Completed   | 12/11/2018   |                             |                     | (Ref Only)  |                                |                              |                                     |                                       | SERC                 | GAL                     |
| S&W                   | SOIL &<br>WATER-3c |  | Correspondence with SWRCB - See SOIL&WATER-3a  | The project owner shall submit to<br>the CPM all copies of any relevant<br>correspondence between the<br>project owner and the SWRCB<br>regarding NPDES permits in the<br>annual compliance report.  | Copies of<br>correspondence   | Annual Compliance<br>Report   | 12/31/2020  |                                  | Not Started   |  |                             |                     | (Ref Only)  |                                |                              |                                     |                                       | SERC                 | GAL                     |
| S&W                   | SOIL &<br>WATER-4a | 0<br>5<br>1<br>1<br>1<br>0   | Water Use and Reporting - Water supply for project<br>construction and operation shall be potable water<br>supplied by Golden State Water Company. Project<br>water use for construction shall not exceed 5.6 acre-<br>feet. project operation water use shall not exceed 34<br>AFY. The project owner shall record daily water use for<br>the project's construction and operation. The project<br>owner shall comply with the water use limits and<br>reporting requirements described below.  | include a monthly summary of<br>daily water use. After construction<br>is complete, the project's annual   | Summary of daily<br>water use   | Monthly Compliance<br>Report  | Monthly     |                                  | In progress   |  |                             |                     |   |                                |                              |                                     |                                       |                      |                         |

|      | А                   | В                  | С         | D  | E  | F   | G  | Н                       | I  | J   | К                    | L                               | М                           | N                   | 0                           | Р                       | Q                            | R                                   | S                                     | Т                    | U                       |
|------|---------------------|--------------------|-----------|--|--|---|--|-------------------------|--|---|----------------------|---------------------------------|-----------------------------|---------------------|-----------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 St | tantor              | 1 Energy           | y Reliabi | lity Center Compliance Matrix (16-   | AFC-01)  |   |  |                         |  |   |                      |                                 | CBO Color Code:             |                     | Pre- Construction           |                         |                              |                                     |                                       |                      |                         |
| 2 AI | ll Phase            | s                  |           |  |  | 1   |  | 6/30/2040               |  |   |                      |                                 |                             |                     | Construction                |                         |                              |                                     |                                       |                      |                         |
| 3    |                     |                    |           | Revised 4/30/2019  |  | Based on Final S  | taff Assessment  |                         |  |   |                      |                                 |                             |                     | Commissioning<br>Operations |                         |                              |                                     |                                       |                      |                         |
|      | echnical<br>esource | Cond. #            | Phase     | Description  | Verification/Action/Submittal  | Submittal   | Date Submittal is<br>Required  | Due Date                | Date Submitted to CPM                        | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO    | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 298  | S&W                 | SOIL &<br>WATER-4b | COM/OPS   | Water Use and Reporting - Water supply for project<br>construction and operation shall be potable water<br>supplied by Golden State Water Company. Project<br>water use for construction shall not exceed 5.6 acre-<br>feet. project operation water use shall not exceed 34<br>AFV. The project owner shall record daily water use for<br>the project's construction and operation. The project<br>owner shall comply with the water use limits and<br>reporting requirements described below.  | During project construction, the<br>monthly compliance report shall<br>include a monthly summary of<br>daily water use. After construction<br>is complete, the project's annual<br>compliance report shall include a<br>monthly summary of daily water<br>use. | Monthly and annual<br>summary of water use  | Annual Compliance<br>Report  | 12/31/2020              |  | In Progress   |                      |                                 |                             |                     | (Ref Only)                  |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 299  | S&W                 | SOIL &<br>WATER-5a |           | Water Metering - The water supply for project<br>construction and operation shall be the potable water<br>supply from Golden State Water Company. Prior to the<br>use of water during commercial operation, the project<br>owner shall install and maintain metering devices as<br>part of the water supply and distribution system to<br>monitor and record in gallons per day the total<br>volume(s) of water supplied from Golden State Water<br>Company. Those metering devices shall be operational<br>for the life of the project. |  | The project owner<br>shall submitto the<br>CPM evidence that<br>they have complied<br>with all requirements<br>and paid the<br>necessary fees for<br>connection | At least thirty (30)<br>days prior to use of<br>the Golden State<br>Water Company<br>potable water supply                                  | 12/3/2018<br>11/28/2019 | 11/29/2018                                   | In Progress   | 12/1/2/18            |                                 |                             |                     | (Ref Only)                  |                         |                              |                                     |                                       | ARB                  | GAL                     |
| 300  | S&W                 | SOIL &<br>WATER-5b |           | Water Metering - The water supply for project<br>construction and operation shall be the potable water<br>supply from Golden State Water Company. Prior to the<br>use of water during commercial operation, the project<br>owner shall install and maintain metering devices as<br>part of the water supply and distribution system to<br>monitor and record in gallons per day the total<br>volume(s) of water supplied from Golden State Water<br>Company. Those metering devices shall be operational<br>for the life of the project. |  | Evidence that<br>metering devices have<br>been installed and are<br>operational   | At least thirty (30)<br>days prior to use of<br>the Golden State<br>Water Company<br>potable water supply.                                 | 11/28/2019              | 2/22/2019<br>3/21/2019                       | In Progress   |                      |                                 |                             |                     | (Ref Only)                  |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 301  | S&W                 | SOIL &<br>WATER-5c | COM/OPS   | Water Metering - The water supply for project<br>construction and operation shall be the potable water<br>supply from Golden State Water Company. Prior to the<br>use of water during commercial operation, the project<br>owner shall install and maintain metering devices as<br>part of the water supply and distribution system to<br>monitor and record in gallons per day the total<br>volume(s) of water supplied from Golden State Water<br>Company. Those metering devices shall be operational<br>for the life of the project. | testing, and calibration of the metering devices in the ACR. Fees  | metering devices in   | Annual Compliance<br>Report  | 12/31/2020              |  |   |                      |                                 |                             |                     | (Ref Only)                  |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 302  | S&W                 | SOIL &<br>WATER-5d | COM/OPS   | Water Metering - The water supply for project<br>construction and operation shall be the potable water<br>supply from Golden State Water Company. Prior to the<br>use of water during commercial operation, the project<br>owner shall install and maintain metering devices as<br>part of the water supply and distribution system to<br>monitor and record in gallons per day the total<br>volume(s) of water supplied from Golden State Water<br>Company. Those metering devices shall be operational<br>for the life of the project. | testing, and calibration of the<br>metering devices in the ACR. Fees<br>paid to Golden State Water<br>Company shall be reported in the<br>ACR for the life of the project.   | Fees paid to Golden<br>State Water Company<br>shall be reported in<br>the Annual<br>Compliance Report<br>(ACR)  | Annual Compliance<br>Report  | 12/31/2020              |  |   |                      |                                 |                             |                     | (Ref Only)                  |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 303  | S&W                 | SOIL &<br>WATER-6a | PC/CONS   | Sewer Connections - The project owner shall pay the<br>city of Stanton all fees normally associated with<br>connections to the city's sanitary sewer or water supply<br>system as defined in the city's code, Title 14 Water and<br>Sewers.  |  |   | Prior to the use of the<br>city's sewer system   | 6/30/2019               | (Pacific Street - existing<br>line) 5/9/2019 | Completed   | 5/16/2019            |                                 |                             |                     | (Ref Only)                  |                         |                              |                                     |                                       | ARB                  | GAL                     |
| 304  | S&W                 | SOIL &<br>WATER-6b |           | Sewer Connections - The project owner shall pay the<br>city of Stanton all fees normally associated with<br>connections to the city's sanitary sewer or water supply<br>system as defined in the city's code, Title 14 Water and<br>Sewers.  | paid to the city shall be reported in  | shall be reported in  | Annual Compliance<br>Report  | 12/31/2020              |  |   |                      |                                 |                             |                     | (Ref Only)                  |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 305  | S&W                 | SOIL &<br>WATER-6c |           | Sewer Connections - The project owner shall pay the<br>city of Stanton all fees normally associated with<br>connections to the city's sanitary sewer or water supply<br>system as defined in the city's code, Title 14 Water and<br>Sewers.  | waste water discharge and fees<br>paid to the city shall be reported in  | summary of waste  | Annual Compliance<br>Report  | 12/31/2020              |  |   |                      |                                 |                             |                     | (Ref Only)                  |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 306  | S&W                 | SOIL &<br>WATER-7  | PC/CONS   | Jack and Bore Permits - Prior to the initiation of any<br>Carbon Creek jack and bore activities for the natural gas<br>pipeline, the project owner shall apply for coverage<br>under the following permits: (see Decision<br>SOL&WATER-7 for list) - Section 401, Section 404,<br>Section 408, Streambed Alteration Agreement,   | The project owner shall provide<br>the CPM with copies of the<br>applicable permits or agreements.   | Permits or agreement<br>documents   | No later than thirty<br>(30) days prior to any<br>construction-related<br>activities that could<br>affect water quality in<br>Carbon Creek | 6/30/2019               | 5/31/2019                                    | Completed   | 6/19/2019            |                                 |                             |                     | (Ref Only)                  |                         |                              |                                     |                                       | SoCalGas             | GAL                     |

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|-----|----------------------|--------------------|-----------|--|---|--|---|--|---|---|----------------------|---------------------------------|-----------------------------|-------------------------|--|--|------------------------------|-----------------|---------------------------------------|----------------------|-------------------------|
|     |                      | Energy             | / Reliahi | lity Center Compliance Matrix (16-   | AFC-01)   |  | 3   |  |   | ر<br>د  | A                    |                                 | CBO Color Code:             | IN IN                   | Pre- Construction  | r  | y y                          | D.              |                                       |                      |                         |
|     | II Phases            |                    |           |  |   | 1  |   | 6/30/2040  |   |   |                      |                                 |                             |                         | Construction   |  |                              |                 |                                       |                      | ]                       |
| 3   |                      |                    |           |  |   |  |   |  |   |   |                      |                                 |                             |                         | Commissioning  |  |                              |                 |                                       |                      |                         |
|     | echnical<br>Resource | Cond. #            | Phase     | Revised 4/30/2019<br>Description   | Verification/Action/Submittal   | Based on Final S   | taff Assessment<br>Date Submittal is<br>Required  | Due Date   | Date Submitted to CPM   | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language     | Operations<br>Date Submitted<br>to CBO   | Date Approved by<br>CBO  | Other Agencies to submit to? | Date Submitted  | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 307 | S&W                  | SOIL &<br>WATER-8a | PC        | Bridge Encroachment Permits - The project owner shall<br>obtain an encroachment permit for the construction of<br>the vehicle and utility bridges from the Orange County<br>Public Works Department in accordance with Orange<br>County Code – Title 9, Division 2, Article 2, Sections 9-2-<br>40 and 9-2-50. The project owner shall pay all necessary<br>fees to Orange County Public Works Department for<br>compliance with the permit review and approval<br>process. The project owner shall submit the<br>encroachment permit application package to Orange<br>County Public Works Department and the CPM for<br>review and approval prior to construction. The project<br>owner shall also provide a copy of the approved permit<br>to the CPM.     | copy of the application package<br>for the encroachment permit and<br>any comments from Orange<br>County Public Works Department  | encroachment permit  | At least ninety (90)<br>days prior to bridge<br>construction  | 11/27/2018   | 9/17/2018   | Completed   | 12/13/2018           |                                 |                             | -en i <sup>0</sup> ngéc | 2/5/19<br>(Ref Only)   | 2/5/19<br>(Ref Only)   |                              | , o our agenues | egundită                              | SERC                 | GAL                     |
| 308 | S&W                  | SOIL &<br>WATER-8b | PC        | OCPWD Permit - See SOIL&WATER-8a   | The project owner shall submit a<br>copy of the final approved permit<br>from Orange County Public Works<br>Department to the CPM for review<br>and approval.   |  | At least 30 days prior<br>to bridge construction  | 1/26/2019  | 2/1/2019  | Completed   | 3/12/2019            |                                 |                             |                         | 2/5/2019<br>(Ref Only)   | 2/5/19<br>(Ref Only)   |                              |                 |                                       | SERC                 | GAL                     |
| 309 | STRUC                | STRUC-1a           | PC/CONS   | Project Structures Plans and Specifications - Prior to<br>the start of any increment of construction, the project<br>owner shall submit plans, calculations, and other<br>supporting documentation to the CBO for design review<br>and acceptance for all project structures and<br>equipment identified in the CBO-approved master<br>drawing and master specifications list. The design plans<br>and calculations shall include the lateral force<br>procedures and details as well as vertical calculations.<br>Construction of any structure or component shall not<br>begin until the CBO has approved the lateral force<br>procedures to be employed in designing that structure<br>or component. (See <b>Decision</b> STRUC-1 for<br>specifications). | transmittal letter to the CPM.  | Final design plans,<br>specifications, and<br>calculations and<br>transmittal letter to<br>CPM | At least 30 days (or<br>project owner- and<br>CBO-approved<br>alternative time<br>frame) prior to the<br>start of any increment<br>of construction of any<br>structure or<br>component listed in<br>the CBO-approved<br>master drawing and<br>master specifications<br>list | 1.0: 1/17/2019<br>2.0: 1/23/2019<br>3.0: 1/31/2019<br>4.0: 2/7/2019<br>5.0: 2/7/2019<br>7.0: 2/14/2019<br>9.0: 2/14/2019<br>9.0: 2/24/2019<br>12.0: 3/11/2019<br>13.0: 2/20/2019 | 1.0 Compaction: 3/15/19<br>1.0 Bridge Design:<br>4/25/19<br>2.0: 1/23/2019<br>3.0: 5/13/19<br>4.0: 2/6/2019<br>5.0:<br>6.0: 2/7/2019<br>7.0: 3/28/2019<br>8.0: 5/13/2019<br>9.0: 3/22/2019<br>10.0: 2/28/2019<br>11.0: 5/13/2019<br>13.0: 2/20/2019<br>14.0:<br>5/31/19<br>16.0: 5/6/19<br>17.0: 5/13/19<br>16.0: 5/6/19<br>17.0: 5/13/19<br>12.0: 5/23/19<br>22.0: 5/28/19<br>23.0:<br>24.0: 5/31/19<br>25.0: 5/31/19<br>27.0: | In Progress   | N/A                  |                                 |                             |                         | 1.0 Compaction:<br>3/15/19<br>1.0 Bridge Design:<br>4/25/19<br>2.0: 1/23/2019<br>3.0: 1/31/2019<br>4.0: 2/6/2019<br>5.0:<br>6.0: 2/7/2019<br>7.0: 3/28/2019<br>10.0: 2/28/2019<br>10.0: 2/28/2019<br>10.0: 2/28/2019<br>11.0:4/16/19<br>12.0: 3/29/2019<br>13.0: 2/20/2019<br>15.0: 5/31/19<br>16.0: 5/31/19<br>19.0:<br>20.0: 5/23/19<br>21.0: 5/24/19<br>22.0: 5/31/19<br>25.0: 5/31/19<br>26.0: 5/31/19<br>26.0: 5/31/19<br>26.0: 5/31/19 | 1.0 Compaction:<br>3/25/19<br>1.0 Bridge Design:<br>5/13/19<br>2.0: 2/18/2019<br>3.0: 5/16/19<br>4.0: 4/9/19<br>5.0:<br>6.0: 4/30/19<br>7.0: 4/29/19<br>8.0: 5/16/19<br>10.0:5/22/19<br>10.0:5/22/19<br>11.0: 5/16/19<br>12.0: 5/29/19<br>13.0: 3/11/2019<br>15.0: 7/17/19<br>16.0: 7/22/19<br>17.0: 7/11/19<br>18.0: 6/18/19<br>19.0:<br>20.0: 7/23/19<br>21.0: 6/7/19<br>22.0: 9/11/19 PCF<br>23.0: 7/11/19<br>24.0: 7/3/19 PC2<br>25.0:<br>26.0:<br>27.0: |                              |                 |                                       | Power                | GAL                     |
| 310 |                      |                    |           |  | The project owner shall submit to<br>the CPM, in the next monthly<br>compliance report, a copy of a<br>statement from the CBO that the<br>proposed structural plans,<br>specifications, and calculations<br>have been approved and comply<br>with the requirements set forth in<br>applicable engineering LORS. |  | Monthly   | Monthly  | <i>Uns</i> 01/19  | In Progress   |                      |                                 |                             |                         | Monthly  |  |                              |                 |                                       | SERC                 | GAL                     |
| 311 | STRUC                | STRUC-1c           | PC/CONS   | CBO Approvals Reported in MCR - See STRUC-1a   | The project owner shall submit to<br>the CPM, in the next monthly<br>compliance report, a copy of a<br>statement from the CBO that the<br>proposed structural plans,<br>specifications, and calculations<br>have been approved and comply<br>with the requirements set forth in<br>applicable engineering LORS. | Report list of<br>approved plans,<br>specifications, and<br>calculations                       | Monthly   | Monthly  |   | In Progress   |                      |                                 |                             |                         | Monthly  |  |                              |                 |                                       | SERC                 | GAL                     |

| А                     | T    | в      | C       | D  | r  | F  | C C   | н           |                       | 1   | ĸ                    |                                   | м                           | N                   | 0                        | P                       | 0                            | р                                   | c l                                   | т                    |                         |
|-----------------------|------|--------|---------|--|--|--|---|-------------|-----------------------|---|----------------------|-----------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
|                       |      | D      | C       | ility Center Compliance Matrix (16-  | LΕ<br>ΔFC-01)  | F  | 6   | н           | 1                     | J   | ĸ                    | L                                 | CBO Color Code:             | IN                  | Pre- Construction        | ۲                       | Q                            | к                                   | 3                                     | I                    | U                       |
| 2 All Phas            |      | ile gy | Reliab  |  |  |  |   | 6/30/2040   |                       |   |                      |                                   |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 3                     | 563  |        |         |  |  |  |   |             |                       |   |                      |                                   |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4                     |      |        |         | Revised 4/30/2019  |  | Based on Final S   | taff Assessment   |             |                       |   |                      |                                   |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
| Technical<br>Resource | Co   | ond. # | Phase   | Description  | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>1 Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| STRUC                 | STR  | RUC-2a | CONS    | Non-Compliance Procedures - The project owner shall<br>submit to the CBO the required number of sets of the<br>following documents related to work that has<br>undergone CBO design review and approval (see<br>Decision STRUC-2 for specifications).  | If a discrepancy is discovered in<br>any of the above data, the project<br>owner shall prepare and submit a<br>Non-Compliance Report (NCR)<br>describing the nature of the<br>discrepancies and the proposed<br>corrective action to the C80, with<br>a copy of the transmittal letter to<br>the CPM. The NCR shall reference<br>the condition(s) of certification<br>and the applicable CBC chapter<br>and section. |  | Within five days of<br>discovering a<br>discrepancy   | Conditional |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| STRUC                 | STR  | RUC-2b | CONS    | Corrective Action Documentation - See STRUC-2a   | Within five days of resolution of<br>the NCR, the project owner shall<br>submit a copy of the corrective<br>action to the CBO and the CPM.   | Copy of the corrective action to the CBO                               | Within 5 days of the resolution of the NCR  | Conditional |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 313<br>STRUC<br>314   | STRU | UC-2bb | CONS    | Corrective Action Documentation - See STRUC-2a   | Within five days of resolution of<br>the NCR, the project owner shall<br>submit a copy of the corrective<br>action to the CBO and the CPM.   | Copy of the corrective<br>action to the CPM                            | Within 5 days of the<br>resolution of the NCR   | Conditional |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       |                      |                         |
| STRUC                 | STR  | RUC-2c | CONS    | Corrective Action Documentation - See STRUC-2a   | Project owner shall transmit copy<br>of CBO's approval or disapproval<br>of the corrective action to the CPM<br>within 15 days   | disapproval of   | Within 15 days of the<br>resolution of the NCR  | Conditional |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| STRUC                 | STR  | RUC-2d | CONS    | Corrective Action Documentation - See STRUC-2a   | If disappoved, the project owner<br>shall advise the CPM, within 5<br>days, of the reason for<br>disapproval, and the revised<br>corrective action to obtain CBO's<br>approval   | Advise CPM of CBO's<br>disapproval and<br>revised corrective<br>action | Within 5 days after<br>receiving CBO<br>disapproval   | Conditional |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| STRUC                 | STR  | RUC-3a | PC/CONS | Final Design Changes - The project owner shall submit<br>to the CBO design changes to the final plans required by<br>the 2016 CBC, including the revised drawings,<br>specifications, calculations, and a complete description<br>of, and supporting rationale for, the proposed changes,<br>and shall give to the CBO prior notice of the intended<br>filing. | design changes, and shall submit<br>the required number of sets of   | СВО  | Schedule suitable to<br>the CBO   | 6/30/2019   |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| STRUC                 | STRI | UC-3aa | PC/CONS | Final Design Changes - The project owner shall submit<br>to the CBO design changes to the final plans required by<br>the 2016 CBC, including the revised drawings,<br>specifications, calculations, and a complete description<br>of, and supporting rationale for, the proposed changes,<br>and shall give to the CBO prior notice of the intended<br>filing. | CBO of the intended filing of<br>design changes, and shall submit<br>the required number of sets of<br>revised drawings and the required   | CBO and transmittal<br>to CPM  | Schedule suitable to<br>the CBO   | 6/30/2019   |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 319 STRUC             | STR  | RUC-3b | PC/CONS | Plan Approval Notification in MCR - See STRUC-3a   | The project owner shall notify the<br>CPM, via the monthly compliance<br>report, when the CBO has<br>approved the revised plans.   |  | Monthly   | Monthly     |                       | In Progress   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| STRUC                 | STR  | RUC-4a | CONS    | Tank and HazMat Vessel Design - Tanks and vessels<br>containing quantities of toxic or hazardous materials<br>exceeding amounts specified in the 2016 CBC shall, at a<br>minimum, be designed to comply with the requirements<br>of that chapter.  |  | specifications, and<br>calculations                                    | At least 30 days (or<br>project owner- and<br>CBO-approved<br>alternate time frame)<br>prior to the start of<br>installation of the<br>tanks or vessels<br>containing the above<br>specified quantities of<br>toxic or hazardous<br>materials | 10/20/2019  |                       |   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | TAT                     |
| STRUC                 | STR  | RUC-4b | CONS    | CBO Approvals in MCR - See STRUC-4a  | The project owner shall send<br>copies of the CBO approvals of<br>plan checks to the CPM in the<br>monthly compliance report<br>following receipt of such<br>approvals. The project owner shall<br>also transmit a copy of the CBO's<br>inspection approvals to the CPM in<br>the monthly compliance report<br>following completion of any<br>inspection.  |  | Monthly   | Monthly     |                       | In Progress   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |

|                  | А                 | В        | с         | D   | E  | F  | G  | Н          | 1                               | J   | К                                | L                               | М                           | N  | 0                           | Р                       | Q                            | R                                   | S                                     | Т                    | U                       |
|------------------|-------------------|----------|-----------|---|--|--|--|------------|---------------------------------|---|----------------------------------|---------------------------------|-----------------------------|--|-----------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 St             | anton             | Energy   | y Reliabi | lity Center Compliance Matrix (16-  | -AFC-01)   |  |  |            |                                 |   |                                  |                                 | CBO Color Code:             |  | Pre- Construction           |                         |                              |                                     |                                       |                      |                         |
| 2 All            | Phases            | ;        |           |   |  |  |  | 6/30/2040  |                                 |   |                                  |                                 |                             |  | Construction                |                         |                              |                                     |                                       |                      | ļ                       |
| 3                |                   |          |           | Revised 4/30/2019   |  | Based on Final S   | taff Assessment  |            |                                 |   |                                  |                                 |                             |  | Commissioning<br>Operations |                         |                              |                                     |                                       |                      | í                       |
|                  | chnical<br>source | Cond. #  | Phase     | Description   | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required  | Due Date   | Date Submitted to CPM           | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM             | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language  | Date Submitted<br>to CBO    | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
|                  | TLSN              | TLSN-1   | CONS      | 66 kV Line Requirements - The project owner shall<br>construct the proposed 66-kV transmission line<br>according to the requirements of California Public Utilit<br>Commission's GO-95, GO-128, GO-52, GO-131-D, Title 8<br>and Group 2, High Voltage Electrical Safety Orders,<br>sections 2700 through 2974 of the California Code of<br>Regulations, and Southern California Edison's EMF<br>reduction guidelines.   |  | Letter affirming<br>construction in<br>accordance with<br>requirements | At least 30 days prior<br>to start of<br>construction of the<br>transmission line<br>or related structures<br>and facilities | 6/1/2019   | 3/15/2019                       | Completed   | 4/4/2019                         |                                 |                             |  | 3/15/2019<br>(Ref Only)     | 3/18/2019               |                              |                                     |                                       | SCE                  | GAL                     |
| 322              | TLSN              | TLSN-2   | CONS      | Metallic Objects Grounded - The project owner shall<br>ensure that all permanent metallic objects within the<br>proposed route are grounded according to industry<br>standards.   | The project owner shall submit to<br>the compliance project manager<br>(CPM) a letter signed by a<br>California registered electrical<br>engineer affirming compliance<br>with this condition.                   | Letter affirming<br>compliance   | At least 30 days<br>before the line is<br>energized  | 12/27/2019 |                                 | Not Started   |                                  |                                 |                             |  | (Ref Only)                  |                         |                              |                                     |                                       | SCE                  | GAF                     |
| 324              | RANS              | TRANS-1a | CONS      | Roadway Use Permits and Regulations - The project<br>owner shall comply with limitations imposed by the<br>Department of Transportation (Caltrans) and other<br>relevant jurisdictions, including the cities of Stanton,<br>Anaheim, Buena Park, Garden Grove, and Westminster,<br>and the county of Orange, on vehicle sizes and weights,<br>driver licensing, and truck routes.   |  | List of permits<br>received in MCR                                     | Monthly  | Monthly    |                                 | In Progress   |                                  |                                 |                             |  | (Ref Only)                  |                         |                              |                                     |                                       | ARB                  | GAL                     |
| 325              | RANS              | TRANS-1b | CONS      | Copies of Permits - See TRANS-1a  | The project owner shall retain<br>copies of permits and supporting<br>documentation on-site for<br>compliance project manager<br>(CPM) inspection if requested.  | Copies of permits and<br>documentation                                 | During construction  | Monthly    |                                 | In Progress   |                                  |                                 |                             |  | (Ref Only)                  |                         |                              |                                     |                                       | SERC                 | TLB                     |
| 326              | RANS              | TRANS-2a | PC        | Traffic Control Plan - Prior to the start of construction,<br>the project owner shall prepare a Traffic<br>Control Plan (TCP) for the project's construction traffic.<br>The TCP shall address the movement of workers,<br>vehicles, and materials, including arrival and departure<br>schedules and designated workforce and delivery<br>routes. The project owner shall consult with the city of<br>Stanton in the preparation and implementation of the<br>TCP. The project owner shall submit the proposed TCP<br>to the city in sufficient time for review and comment,<br>and to the CPM for review and approval prior to the<br>proposed start of construction and implementation of<br>the plan. (See <b>Decision</b> TRANS-2 for specifics). |  | Traffic Control Plan<br>and transmittal letter<br>to City of Stanton   | At least 60 calendar<br>days prior to the start<br>of construction   | 12/6/2018  | 10/18/2018                      | Completed   | 12/16/2018                       | Yes                             | 3/5/2019                    | Increased<br>allowable truck<br>traffic to 120<br>trucks per day   | 1/22/2019<br>(Ref Only)     | 1/23/2019               | City of Stanton              | 3/1/2019<br>7/1/2019                | 3/4/2019<br>7/17/2019                 | JACOBS               | GAL                     |
| T                | RANS              | TRANS-2b | PC        | Traffic Control Plan - Prior to the start of construction,<br>the project owner shall prepare a Traffic<br>Control Plan (TCP) for the project's construction traffic.<br>The TCP shall address the movement of workers,<br>vehicles, and materials, including arrival and departure<br>schedules and designated workforce and delivery<br>routes. The project owner shall consult with the city of<br>Stanton in the preparation and implementation of the<br>TCP. The project owner shall submit the proposed TCP<br>to the city in sufficient time for review and comment,<br>and to the CPM for review and approval prior to the<br>proposed start of construction and implementation of<br>the plan. (See <b>Decision</b> TRANS-2 for specifics). | approval. The project owner shall<br>also provide the CPM with a copy<br>of the transmittal letter to the city<br>of Stanton requesting review and<br>comment.   | and transmittal letter   | At least 60 calendar<br>days prior to the start<br>of construction   | 11/29/2018 | 11/29/2018 3/1/2019<br>7/1/2019 | Completed   | 12/21/2018<br>3/5/2019 7/18/2019 | No<br>No<br>No                  | 3/5/2019                    | 3/5 Increased<br>allowable truck<br>traffic to 120<br>trucks per 7/18<br>Inclusion of Main<br>Street between<br>Beach and Fern |                             | 1/23/2019               |                              |                                     |                                       | JACOBS               | GAL                     |
| 327<br>TI        | RANS              | TRANS-2c | PC        | Letters of Comment on TCP - See TRANS-2a  | The project owner shall provide<br>copies of any comment letters<br>received from the city of Stanton<br>or any other interested agencies,<br>along with any changes to the TCP,<br>for CPM review and approval. | Copies of comment<br>letters   | At least 30 calendar<br>days prior to the start<br>of construction   | 1/5/2019   | 11/29/2018                      | Completed   | 12/4/2018                        |                                 |                             |  | 1/22/2019<br>(Ref Only)     | 1/23/2019               |                              |                                     |                                       | Jacobs               | GAL                     |
| 328<br>TI<br>329 | RANS              | TRANS-2d | PC        | Final TCP to City - See TRANS-2a  | The project owner shall provide<br>completed copies of the final TCP<br>to the city of Stanton and any<br>other interested agencies, sending<br>copies of the correspondence to<br>the CPM.                      | parties  | After CPM review and<br>approval   | 3/1/2019   | 11/29/2018                      | Completed   | 12/4/2018                        |                                 |                             |  | 1/22/2019<br>(Ref Only)     | 1/23/2019               | City of Stanton              | 3/1/2019                            | 3/4/2019                              | JACOBS               | GAL                     |

| А                    |       | В      | С         | D  | E   | F   | G  | Н                                | I                     | J   | К                    | L                               | М                           | N                   | 0                           | Р                       | Q                            | R                                   | S                                     | T                    | U                       |
|----------------------|-------|--------|-----------|--|---|---|--|----------------------------------|-----------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|-----------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 Stante             | ton E | nergy  | / Reliabi | lity Center Compliance Matrix (16-   | AFC-01)   |   |  |                                  |                       |   |                      |                                 | CBO Color Code:             |                     | Pre- Construction           |                         |                              |                                     |                                       |                      | ļ                       |
| 2 All Pha            | ases  |        |           |  |   | 1   |  | 6/30/2040                        |                       |   |                      |                                 |                             |                     | Construction                |                         |                              |                                     |                                       |                      | ł – – –                 |
| 3                    | _     |        |           | Revised 4/30/2019  |   | Based on Final S  | Staff Assessment   |                                  |                       |   |                      |                                 |                             |                     | Commissioning<br>Operations |                         |                              |                                     |                                       |                      |                         |
| Technica<br>Resource |       | ond. # | Phase     | Description  | Verification/Action/Submittal   | Submittal   | Date Submittal is<br>Required  | Due Date                         | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted              | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| TRANS                | 5 TRA | ANS-3a | PC        | Restoration of Public Roads, Easements, and Rights-of-<br>Way - The project owner shall restore all public roads,<br>easements, rights-of-way, and any other transportation<br>infrastructure damaged due to project-related<br>construction and traffic. Restoration shall be completed<br>in a timely manner to the infrastructure's original<br>condition. Restoration of significant damage which<br>could cause hazards (such as potholes, deterioration of<br>pavement edges, or damaged signage) shall take place<br>immediately after the damage has occurred. Prior to the<br>start of site mobilization, the project owner shall notify<br>the relevant agencies, including the city of Stanton,<br>county of Orange, Caltrans District 12, and any<br>jurisdictions affected by construction of the linear<br>facilities, of the proposed schedule for project<br>construction. The purpose of this notification is to<br>request that these agencies consider postponement of<br>any planned public right-of-way repairs or improvement<br>activities in areas affected by project construction until<br>construction is completed, and to coordinate any<br>concurrent activities that cannot be postponed. | mobilization, the project owner<br>shall videotape roads and<br>intersections along the major<br>routes construction vehicles would<br>take in the vicinity of the project<br>site. The project owner shall<br>provide the videotapes or other<br>recorded visual media to the CPM  |   | Prior to the start of<br>site mobilization   | 1/31/2019                        | 1/30/2019             | Completed   | 1/31/2019            |                                 |                             |                     | 1/31/2019<br>(Ref Only)     | 1/31/2019               |                              |                                     |                                       | SERC                 | GAL                     |
| TRANS                | 5 TRA | ANS-3b | CONS      | Roadway Repair Acceptance - See TRANS-3a   | If damage to any public road,<br>easement, or right-of-way occurs<br>during construction, the project<br>owner shall notify the CPM and<br>the affected agency/agencies to<br>identify the sections to be<br>repaired. At that time, the project<br>owner and CPM shall establish a<br>schedule for completion of the<br>repairs with which the project<br>owner must comply, unless<br>approval for a schedule change is<br>provided by the CPM. Following<br>completion of any repairs, the<br>project owner shall provide the<br>CPM with letters signed by the<br>affected agency/ agencies stating<br>their satisfaction with the repairs. | Notify CPM and<br>affected agencies to<br>identify sections to be<br>repaired. Establish<br>schedule for<br>completion of repairs<br>with CPM | After road damage<br>has been identified   | Conditional                      |                       | Not started   |                      |                                 |                             |                     | (Ref Only)                  |                         |                              |                                     |                                       | SERC                 | GAL                     |
| TRANS<br>132         |       |        | CONS      | Roadway Repair Acceptance - See TRANS-3a   | If damage to any public road,<br>easement, or right-of-way occurs<br>during construction, the project<br>owner shall notify the CPM and<br>the affected agency/agencies to<br>identify the sections to be<br>repaired. At that time, the project<br>owner and CPM shall establish a<br>schedule for completion of the<br>repairs with which the project<br>owner must comply, unless<br>approval for a schedule change is<br>provided by the CPM. Following<br>completion of any repairs, the<br>project owner shall provide the<br>CPM with letters signed by the<br>affected agency/ agencies stating<br>their satisfaction with the repairs. | repairs   | Following completion<br>of repairs   | Conditional                      |                       | Not started   |                      |                                 |                             |                     | (Ref Only)                  |                         |                              |                                     |                                       | SERC                 | GAL                     |
| TRANS                | 5 TRA | ANS-4a | PC        | Encroachment into Public Rights-of-Way -<br>Prior to any ground disturbance, improvements, or<br>obstruction of traffic within any public road, easement,<br>or right-of-way, the project owner shall coordinate with<br>all applicable jurisdictions, including the city of Stanton,<br>to obtain necessary encroachment permits and comply<br>with all applicable regulations, including applicable road<br>standards.   | jurisdictions.  | Copies of permits from<br>affected jurisdictions  | At least 10 days prior<br>to ground<br>disturbance,<br>improvements, or<br>interruption of traffic<br>in or along any public<br>road, easement, or<br>right-of-way | So Cal Gas 6/8/19<br>SCE 9/20/19 | 7/31/2019             | Completed   | 8/1/2019             |                                 |                             |                     | (Ref Only)<br>7/31/19       |                         |                              |                                     |                                       | SoCalGas/SCE         | GAL                     |
| TRANS                | 5 TRA | ANS-4b | CONS/OPS  | Copies of Permits - See TRANS-4b   | The project owner shall retain<br>copies of the issued permits and<br>supporting documentation in its<br>compliance file.   | Copies of the issued<br>permits   | Minimum of 180<br>calendar days after<br>the start of<br>commercial<br>operation.  | 11/12/2020                       |                       | In Progress   |                      |                                 |                             |                     |                             |                         |                              |                                     |                                       | SERC                 | TLB                     |

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|     |                      | - Binergy | Reliabi | ity Center Compliance Matrix (16-/  | ΔFC-01)   | F  | G  | н          | 1                     | J   | ĸ                    | L                               | CBO Color Code:             | N                   | Pre- Construction                      | ۲                       | Q                            | к   | 3  | I                    | 0                       |
|     | II Phase             |           |         |   |   | 1  |  | 6/30/2040  |                       |   |                      |                                 |                             |                     | Construction                           |                         |                              |   |  |                      | ·                       |
| 3   |                      |           |         |   |   |  |  |            |                       |   |                      |                                 |                             |                     | Commissioning                          |                         |                              |   |  |                      |                         |
|     | echnical<br>Resource | Cond. #   | Phase   | Revised 4/30/2019<br>Description  | Verification/Action/Submittal   | Based on Final St<br>Submittal                     | taff Assessment<br>Date Submittal is<br>Required   | Due Date   | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Operations<br>Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies                 | Date Approved<br>by Other<br>Agencies  | Responsible<br>Party | SERC Project<br>Manager |
| 335 | TRANS                | TRANS-5a  | CONS    | Transportation of Hazardous Materials -The project<br>owner shall contract with licensed hazardous materials<br>delivery and waste hauler companies for the<br>transportation of hazardous materials and wastes. The<br>project owner shall ensure compliance with all<br>applicable regulations and implementation of the<br>proper procedures.  | The owner shall provide the names<br>of the contracted hazardous<br>materials delivery and waste<br>hauler companies used, as well as<br>licensing verification. Licensing<br>verification only needs to be<br>included in the MCRs when a new<br>company is used. If a company's<br>licensing verification has already<br>been submitted in an MCR, it is not<br>necessary to submit it again. | materials haulers and<br>licensing verification in | Monthly during construction  | Monthly    |                       | In Progress   |                      |                                 |                             |                     | (Ref Only)                             |                         |                              |   |  | SERC                 | GAL                     |
| 336 | TRANS                | TRANS-5b  | OPS     | Transportation of Hazardous Materials -The project<br>owner shall contrav with licensed hazardous materials<br>delivery and waste hauler companies for the<br>transportation of hazardous materials and wastes. The<br>project owner shall ensure compliance with all<br>applicable regulations and implementation of the<br>proper procedures.   | materials delivery and waste  | materials haulers and<br>licensing verification in | Annual Compliance<br>Report  | 12/31/2020 |                       | Not started   |                      |                                 |                             |                     | (Ref Only)                             |                         |                              |   |  | SERC                 | DSR                     |
| 337 | TRANS                | TRANS-6a  |         | Rail Crossing Safety Plan - Prior to any construction-<br>related ground disturbance, the project owner shall<br>develop and implement a rail crossing safety plan for<br>construction that addresses construction-related<br>pedestrian activity (including workers walking<br>between the parking area and the site or working at the<br>site), construction vehicles, and heavy/oversize loads.<br>The rail crossing safety plan must include plans for a<br>flagger at the railroad tracks during worker arrival and<br>departure times to ensure safe worker crossing. | The project owner shall submit the<br>rail crossing safety plan to the city<br>of Stanton for review and<br>comment   |  | At least 60 calendar<br>days prior to the start<br>of construction-<br>related ground<br>disturbance | 12/20/2018 | 11/1/2018             | Completed   | 12/21/2018           |                                 |                             |                     |  |                         |                              |   |  | Jacobs               | GAL                     |
| 220 | TRANS                | TRANS-6b  |         | Rail Crossing Safety Plan - Prior to any construction-<br>related ground disturbance, the project owner shall<br>develop and implement a rail crossing safety plan for<br>construction that addresses construction-related<br>pedestrian activity (including workers walking<br>between the parking area and the site or working at the<br>site), construction vehicles, and heavy/oversize loads.<br>The rail crossing safety plan must include plans for a<br>flagger at the railroad tracks during worker arrival and<br>departure times to ensure safe worker crossing. | The project owner shall submit the<br>rail crossing safety plan to Union<br>Pacific Railroad (UPRR) for review<br>and comment   |  | At least 60 calendar<br>days prior to the start<br>of construction-<br>related ground<br>disturbance | 12/20/2018 | 11/1/2018             | Completed   | N/A                  |                                 |                             |                     |  |                         | UPRR                         | 11/1/18   | No comments<br>received from<br>UPRR.<br>Comments were<br>requested by<br>11/30/18 | SERC                 | GAL                     |
| 339 | TRANS                | TRANS-6c  | PC      | related ground disturbance, the project owner shall<br>develop and implement a rail crossing safety plan for<br>construction that addresses construction-related  | CPM for review and approval. The<br>project owner shall also provide<br>the CPM with a copy of the  | Plan and transmittal                               | At least 60 calendar<br>days prior to the start<br>of construction-<br>related ground<br>disturbance | 12/20/2018 | 12/3/2018             | Completed   | 1/24/2019            |                                 |                             |                     |  |                         | City of Stanton<br>UPRR      | City of Stanton:<br>10/291/2018;<br>UPRR: 11/1/2018 | City of Stanton:<br>10/29/18   | SERC                 | GAL                     |
| 340 | TRANS                | TRANS-6d  | PC      |   | The project owner shall provide<br>copies of any comment letters<br>received from the city of Stanton<br>and UPRR, along with any changes<br>to the rail crossing safety plan, for<br>CPM review and approval.  | Safety Plan and copies<br>of comment letters       | At least 30 calendar<br>days prior to the start<br>of construction-<br>related ground<br>disturbance | 1/19/2019  | 12/3/2018             | Completed   | 1/24/2019            |                                 |                             |                     |  |                         |                              |   |  | JACOBS               | GAL                     |
| 341 | TRANS                | TRANS-6e  | PC      |   | After CPM review and approval,<br>the project owner shall provide<br>completed copies of the final rail<br>crossing safety plan to the city of<br>Stanton and UPRR, sending copies<br>of the correspondence to the CPM.   | Safety Plan and copies<br>of comment letters       | At least 30 calendar<br>days prior to the start<br>of construction-<br>related ground<br>disturbance | 1/19/2019  | 1/19/2019             | Completed   | 1/24/2019            |                                 |                             |                     |  |                         | City of Stanton<br>UPRR      |   |  | SERC                 | GAL                     |

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| <ul> <li>Stanto</li> </ul> | n Energ  | ov Reliah | ility Center Compliance Matrix (16-   | ΔFC-01)  | Г Г  | 9   | п           | 1  | L   | ĸ                    | L .                             | CBO Color Code:             | IN                  | Pre- Construction        | r                       | Q   | ĸ                                   | 3                                     | I                    | 0                       |
| 2 All Phase                |          | by nenus  |   |  |  | 1   | 6/30/2040   |  |   |                      |                                 |                             |                     | Construction             |                         |   |                                     |                                       |                      |                         |
| 2 All Flidso<br>3          | -5       |           |   |  |  |   | -,,         |  |   |                      |                                 |                             |                     | Commissioning            |                         |   |                                     |                                       |                      |                         |
| 4                          |          |           | Revised 4/30/2019   |  | Based on Final S   | Staff Assessment  |             |  |   |                      |                                 |                             |                     | Operations               |                         |   |                                     |                                       |                      |                         |
| Technical<br>Resource      | Cond. #  | Phase     | Description   | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM  | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPN | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to?  | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| TRANS                      | TRANS-7  | CONS      | FAA Notification for Construction Equipment at or<br>Exceeding 153 Feet AGL - The project owner or its<br>contractor(s) shall file Federal Aviation Administration<br>(FAA) Form 7460-1, Notice of Proposed Construction or<br>Alteration, with the FAA for any construction<br>equipment 153 feet above ground level (AGL) or taller.<br>The project owner shall comply with any conditions<br>imposed by the FAA as part of their hazard<br>determination, such as marking and lighting<br>requirements.                            | The project owner shall submit to<br>the CPM a copy of the FAA's<br>hazard determination.  | FAA Form 7460-2,<br>Notice of Actual<br>Construction or<br>Alteration    | At least 30 days prior<br>to the presence onsite<br>of any construction<br>equipment 153 feet<br>AGL or taller  | 4/24/2019   | 4/24/2019<br>5/1/2019 (corrected<br>elevation)   | Completed   | 5/1/2019<br>8/5/19   |                                 |                             |                     |                          |                         |   |                                     |                                       | Jacobs               | GAL                     |
| TRANS                      | TRANS-8a | a CONS    | Pilot Notification and Awareness - The project owner<br>shall initiate the following actions to ensure pilots are<br>aware of the project location and potential hazards to<br>aviation. (See <b>Decision</b> TRANS-8 for specifications).  | The project owner shall submit to<br>the CPM for review and approval<br>draft language for the letters of<br>request to the FAA, the LAAA<br>Manager, and the FMA Manager.<br>The letters should request a<br>response within 30 days that<br>includes a timeline for<br>implementing the required<br>actions. | Draft letters to the<br>FAA, LAAA Manager,<br>and FMA Manager            | Within 60 days<br>following the start of<br>construction  | 4/19/2019   | 3/20/2019  | Completed   | 3/22/2019            |                                 |                             |                     |                          |                         |   |                                     |                                       | JACOBS               | GAL                     |
| TRANS                      | TRANS-8  | b CONS    | Final Letters to FAA, LAAA, and FMA - See TRANS-8a  | The project owner shall submit the   | FAA, LAAA Manager,<br>and FMA Manager                                    | Within 60 days after<br>CPM approval of the<br>draft language   | 5/7/2019    | 3/22/2019  | Completed   | 5/22/2019            |                                 |                             |                     |                          |                         | Los Alamitos Army<br>Airfield, FAA,<br>Fullerton Municipal<br>Airport | 3/27/2019                           |                                       | JACOBS               | GAL                     |
| TRANS                      | TRANS-80 | c CONS    | Correspondence from FAA, LAAA, or FMA - See TRANS-<br>8a  | A copy of any resulting<br>correspondence shall be<br>submitted to the CPM within 10<br>days of receipt. If the FAA, the<br>LAAA Manager, or the FMA<br>Manager does not respond within<br>30 days, the project owner shall<br>contact the CPM.  | Copy of<br>correspondence from<br>FAA, LAA or FMA                        | Within 10 days of receipt   | Conditional | FMA - 04/02/2019<br>FMA&LAAA - 04/11/2019<br>Additional LAAA<br>correspondence<br>Transmitted on 5/13/19 | Completed   | 4/11/2019            |                                 |                             |                     |                          |                         |   |                                     |                                       | SERC                 | GAL                     |
| TRANS                      | TRANS-8c | d CONS    | Correspondence from FAA, LAAA, or FMA - See TRANS-<br>8a  |  | Contact CPM if FAA,<br>LAA Manager or FMA<br>manager does not<br>respond | Within 30 days after<br>submittal   | 5/8/2019    | 5/8/2019   | Completed   | 5/9/2019             |                                 |                             |                     |                          |                         |   |                                     |                                       | SERC                 | GAL                     |
| TSE                        | TSE-1    | CONS      | Schedule of Designs, Master Drawing List, Specification<br>Lists - Furnish to the CPM and to the CBO a schedule of<br>transmission facility design submittals, as described in<br>this condition (See <b>Decision</b> TSE-1), a Master Drawing<br>List, a Master Specifications List, and a Major<br>Equipment and Structure List. Provide designated<br>packages to the CPM when requested.  | submit the schedule, a Master<br>Drawing List, and a Master  |  | Prior to the start of<br>construction of<br>transmission facilities   | 5/1/2019    | 5/30/2019  | Completed   | 6/17/2019            |                                 |                             |                     | 5/29/2019                | 6/12/2019               |   |                                     |                                       | Power                | GAL                     |
| TSE                        | TSE-2a   | CONS      | Final Switchyard Design- For the power plant<br>switchyard, outlet line, and termination, the project<br>owner shall not begin any construction until plans for<br>that increment of construction have been approved by<br>the CBO. These plans, together with design changes,<br>and design change notices, shall remain on the site for<br>one year after completion of construction. The project<br>owner shall request that the CBO inspect the<br>installation to ensure compliance with the requirements<br>of applicable LORS. | equipment and systems of the<br>power plant switchyard, outlet<br>line, and termination, including a<br>copy of the signed and stamped   | design plans,<br>specifications, and                                     | Prior to the start of<br>each increment of<br>construction<br>- Switchyard<br>a) Civil design<br>b) Structural design<br>- Gen-Tie<br>a) Civil design<br>b) electrical design | 6/30/2019   |  | Completed   |                      |                                 |                             |                     | 2-1.0 8/2/19 PC1         | 2-1.0 8/22/19 PC1       |   |                                     |                                       | Power / SCE          | GAL                     |

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| A<br>Stant         | ton F | B<br>Enorm | ( Poliah        | lity Center Compliance Matrix (16-  | LE<br>AEC_01)  | F  | G  | Н          | 1                     | J   | K                    | L                               | CBO Color Code:             | N                   | Pre- Construction        | P                       | Q                            | К                                   | 5                                     | I                    | U                       |
| 2 All Pha          |       | -ners)     | Renab           |   |  |  |  | 6/30/2040  |                       |   |                      |                                 |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 2 All Flig<br>3    | 4363  |            |                 |   |  |  |  | -,,        |                       |   |                      |                                 |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4                  |       |            |                 | Revised 4/30/2019   |  | Based on Final S                               | Staff Assessment   |            |                       |   |                      |                                 |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
| Technic<br>Resourc |       | Cond. #    | Phase           | Description   | Verification/Action/Submittal  | Submittal                                      | Date Submittal is<br>Required  | Due Date   | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPN | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| TSE<br>349         | 1     | TSE-2b     | CONS/COM<br>OPS | Final Switchyard Design- For the power plant<br>switchyard, outlet line, and termination, the project<br>owner shall not begin any construction until plans for<br>that increment of construction have been approved by<br>the CBO. These plans, together with design changes,<br>and design change notices, shall remain on the site for<br>one year after completion of construction. The project<br>owner shall request that the CBO inspect the<br>installation to ensure compliance with the requirements<br>of applicable LORS.   | equipment and systems of the<br>power plant switchyard, outlet<br>line, and termination, including a<br>copy of the signed and stamped | plans, specifications,<br>and calculations for | For 1 year after<br>completion of<br>construction  | 10/13/2021 |                       |   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| TSE                | ſ     | TSE-2c     | CONS            | Final Switchyard Design- For the power plant<br>switchyard, outlet line, and termination, the project<br>owner shall not begin any construction until plans for<br>that increment of construction have been approved by<br>the CBO. These plans, together with design changes,<br>and design change notices, shall remain on the site for<br>one year after completion of construction. The project<br>owner shall request that the CBO inspect the<br>installation to ensure compliance with the requirements<br>of applicable LORS.   | equipment and systems of the<br>power plant switchyard, outlet<br>line, and termination, including a<br>copy of the signed and stamped | inspection of<br>insallation applicable        | During construction  | 1/2/2020   |                       |   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | TLB                     |
| TSE<br>351         | T     | TSE-2d     | CONS/COM<br>OPS | Transmittal Letter in MCR - See TSE-2a  | Send the CPM a copy of the<br>transmittal letter to the CBO in the<br>next monthly compliance report.                                  | Transmittal in MCR                             | Monthly  | Ongoing    | 8/14/2019             | Completed   | 9/14/2019            |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| TSE<br>352         |       | TSE-3      | CONS/COM<br>OPS | Design, Construction, and Operation of Transmission<br>Facilities - The design, construction, and operation of<br>the proposed transmission facilities will conform to al<br>applicable LORS, and requirements (a) through (f) listed<br>in this condition (See Decision TSE-3 for further<br>specifications).  | the CBO for approval the elements  | document list                                  | Prior to the start of<br>construction or<br>modification of<br>transmission facilities                                       | 10/1/2019  |                       |   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAF                     |
| TSE                |       | TSE-4a     | CONS            | Notice to CAISO - The project owner shall provide the<br>following notice to the California Independent System<br>Operator (California ISO) prior to synchronizing the<br>facility with the California Transmission system:<br>1. At least one week prior to synchronizing the facility<br>with the grid for testing, provide the California ISO a<br>letter stating the proposed date of synchronizing the<br>facility with the grid for testing, provide telephone<br>notification to the California ISO Outage Coordination<br>Department.   | California ISO one week prior to<br>initial synchronization with the<br>grid. The project owner shall                                  | /  | Letter one week prior<br>and report of<br>conversation one day<br>before initial<br>synchronization with<br>the grid         | 2/11/2020  |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| TSE                |       | rse-4b     | CONS            | Notice to CAISO - The project owner shall provide the<br>following notice to the California Independent System<br>Operator (California ISO) prior to synchronizing the<br>facility with the California Transmission system:<br>1. At least one week prior to synchronizing the facility<br>with the grid for testing, provide the California ISO a<br>letter stating the proposed date of synchronization; and<br>2. At least one business day prior to synchronizing the<br>facility with the grid for testing, provide telephone<br>notification to the California ISO Outage Coordination<br>Department. | California ISO one week prior to<br>initial synchronization with the<br>grid. The project owner shall                                  | ,  | Letter one business<br>day prior and report<br>of conversation one<br>day before initial<br>synchronization with<br>the grid | 2/4/2020   |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |

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| 1 St | anton             | Energy  | v Reliab | lity Center Compliance Matrix (16-  | AFC-01)  |                                    | <u> </u>   |             |                       |   | K                    |                                 | CBO Color Code:             |                     | Pre- Construction        |                         | ч<br>Ч                       |                                     | 5   |                      |                         |
| _    | Phases            |         |          |   |  | 11                                 |  | 6/30/2040   |                       |   |                      |                                 |                             |                     | Construction             |                         |                              |                                     |   |                      |                         |
| 3    |                   |         |          |   |  |                                    |  |             |                       |   |                      |                                 |                             |                     | Commissioning            |                         |                              |                                     |   |                      |                         |
| 4    |                   |         |          | Revised 4/30/2019   |  | Based on Final St                  | taff Assessment  |             |                       |   |                      |                                 |                             |                     | Operations               |                         |                              |                                     |   |                      |                         |
|      | chnical<br>source | Cond. # | Phase    | Description   | Verification/Action/Submittal  | Submittal                          | Date Submittal is<br>Required  | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies                       | Responsible<br>Party | SERC Project<br>Manager |
| 355  | TSE               | TSE-5a  | COM/OPS  | As-Built Drawings - The project owner shall be<br>responsible for the inspection of the transmission<br>facilities during and after project construction, and any<br>subsequent CPM and CBO approved changes thereto, to<br>ensure conformance with CPUC General Order (GO) 95,<br>CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and<br>37 of the "High Voltage Electric Safety Orders",<br>applicable interconnection standards, as well as NEC<br>and related industry standards. In case of<br>nonconformance, the project owner shall inform the<br>CPM and CBO in writing, within 10 days of discovering<br>such non- conformance, and describe the corrective<br>actions to be taken. | CPM and CBO "as built engineering<br>descriptions" and inspection  | after project                      | Within 10 days of<br>discovering non-<br>conformance   | Conditional |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |   | SERC                 | TLB                     |
| 356  | TSE               | TSE-5b  |          | As-Built Drawings - The project owner shall be<br>responsible for the inspection of the transmission<br>facilities during and after project construction, and any<br>subsequent CPM and CBO approved changes thereto, to<br>ensure conformance with CPUC General Order (GO) 95,<br>CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and<br>37 of the "High Voltage Electric Safety Orders",<br>applicable interconnection standards, as well as NEC<br>and related industry standards. In case of<br>nonconformance, the project owner shall inform the<br>CPM and CBO in writing, within 10 days of discovering<br>such non- conformance, and describe the corrective<br>actions to be taken. | CPM and CBO "as built engineering<br>descriptions" and inspection  | line drawings of                   | Within 60 days after<br>first synchronization<br>of the project  | 4/18/2020   |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |   | SERC                 | GAF                     |
| 357  | TSE               | TSE-5c  | COM/OPS  | As-Built Drawings - The project owner shall be<br>responsible for the inspection of the transmission<br>facilities during and after project construction, and any<br>subsequent CPM and CBO approved changes thereto, to<br>ensure conformance with CPUC General Order (GO) 95,<br>CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and<br>37 of the "High Voltage Electric Safety Orders",<br>applicable interconnection standards, as well as NEC<br>and related industry standards. In case of<br>nonconformance, the project owner shall inform the<br>CPM and CBO in writing, within 10 days of discovering<br>such non- conformance, and describe the corrective<br>actions to be taken. | CPM and CBO "as built engineering<br>descriptions" and inspection  | mechanical structure               | Within 60 days after<br>first synchronization<br>of the project  | 4/18/2020   |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |   | SERC                 | GAF                     |
| 358  | TSE               | TSE-5d  | COM/OPS  | As-Built Drawings - The project owner shall be<br>responsible for the inspection of the transmission<br>facilities during and after project construction, and any<br>subsequent CPM and CBO approved changes thereto, to<br>ensure conformance with CPUC General Order (GO) 95,<br>CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and<br>37 of the "High Voltage Electric Safety Orders",<br>applicable interconnection standards, as well as NEC<br>and related industry standards. In case of<br>nonconformance, the project owner shall inform the<br>CPM and CBO in writing, within 10 days of discovering<br>such non- conformance, and describe the corrective<br>actions to be taken. | CPM and CBO "as built engineering<br>descriptions" and inspection  | completed                          | Within 60 days after<br>first synchronization<br>of the project or<br>completed<br>transmission facilities   | 4/18/2020   |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |   | SERC                 | GAF                     |
| 359  | VIS               | VIS-1a  | PC       | Surface Treatment of Project Structures - The project<br>owner shall treat the surfaces of all project structures<br>and buildings visible to the public such that a) their<br>colors minimize visual intrusion and contrast by<br>blending with the landscape; b) their colors and finishes<br>do not create excessive glare; and c) their colors and<br>finishes are consistent with local policies and<br>ordinances. The transmission line conductors shall be<br>non-pecular and non-reflective, and the insulators shall<br>be non-reflective and non-refractive. See <b>Decision</b> VIS-<br>1 for specifications)   | proposed treatment plan to the<br>CPM for review and approval and<br>simultaneously to the city of<br>Stanton for review and comment.  | Proposed Surface<br>Treatment Plan | At least 90 days prior<br>to specifying to the<br>vendor the colors and<br>finishes of the first<br>structures or<br>buildings that are<br>surface treated during<br>manufacture | 11/10/2017  | 2/26/19<br>3/6/2019   | Completed   | 3/14/2019            |                                 |                             |                     | 3/12/2019<br>(Ref Only)  | 3/18/2019               | City of Stanton              | 3/6/2019                            | 3/11/2019 (City<br>of Stanton<br>Approval - no<br>comments) | SERC                 | GAL                     |
| 360  | VIS               | VIS-1b  | PC/CONS  | Revised Surface Treatment Plan - See VIS-1a   | If the CPM determines that the<br>plan requires revision, the project<br>owner shall provide to the CPM a<br>plan with the specified revision(s)<br>for review and approval by the<br>CPM before any treatment is<br>applied. Any modifications to the<br>treatment plan must be submitted<br>to the CPM for review and<br>approval. |                                    | Any modifications to<br>the treatment plan<br>must be submitted to<br>the CPM for review<br>and approval   | Conditional |                       | Not Started   |                      |                                 |                             |                     | (Ref Only)               |                         |                              |                                     |   | SERC                 | GAL                     |

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| 1                  | on Fr | □<br>nerov | , Reliahi | lity Center Compliance Matrix (16-   | ⊥<br>.AFC-01)   | F  | G  | Н           | 1                     | L L   | K                    | L                                 | M<br>CBO Color Code:        | i N                 | O<br>Pre- Construction   | P                       | ų                            | к                                   | 2                                     | 1                    | U                       |
| 2 All Pha          |       | nergy      | Renaul    |  |   | 1  |  | 6/30/2040   |                       |   |                      | +                                 |                             |                     | Construction             |                         | +                            |                                     |                                       |                      |                         |
| 3                  | 505   |            |           |  |   |  |  |             |                       |   |                      |                                   |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4                  |       |            | -         | Revised 4/30/2019  |   | Based on Final S   | Staff Assessment   |             |                       |   |                      |                                   |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
| Technic<br>Resourc |       | ond. #     | Phase     | Description  | Verification/Action/Submittal   | Submittal  | Date Submittal is<br>Required  | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>I Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| VIS                | VI    | IS-1c      | CONS      | Notification that Treatment Completed - See VIS-1a   | The project owner shall notify the<br>CPM that surface treatment of all<br>listed structures and buildings has<br>been completed and is ready for<br>inspection and shall submit one<br>set of electronic color photographs<br>from the same Key Observation<br>Points (KOP) 1 and 2.   | CPM that surface<br>treatment is<br>completed and color<br>photographs | Prior to the start of<br>commercial operation  | 4/1/2020    |                       | Not Started   |                      |                                   |                             |                     | (Ref Only)               |                         |                              |                                     |                                       | SERC                 | GAL                     |
| VIS<br>362         | VIS   | IS-1d      | OPS       | Surface Treatment Maintenance - See VIS-1a   | Project owner shall provide status<br>report regarding surface<br>treatment maintenance in the<br>ACR. The report shall specify a):<br>the condition of the surfaces of all<br>structures and buildings at the end<br>of the reporting year; b)<br>maintenance activities that<br>occured during the reporting year;<br>and c) the schedule of<br>maintenance activities for the next<br>year |  | Annual Compliance<br>Report  | 12/31/2020  |                       |   |                      |                                   |                             |                     | (Ref Only)               |                         |                              |                                     |                                       | SERC                 | DSR                     |
| VIS                | VIS   | IS-2a      | CONS      | Screening Landscaping Plan - The project owner shall<br>also submit to the CPM for review and approval, and<br>simultaneously to the city of Stanton for review and<br>comment, a detailed landscape plan and irrigation plan<br>for the power plant site in fulfillment of requirements o<br>applicable laws, ordinances, regulations, and standards,<br>including water efficiency irrigation standards as<br>required by the city of Stanton. See Decision VIS-2 for<br>specifications. | f the city of Stanton for review and  |  | At the earliest feasible<br>time during or prior<br>to construction and at<br>least 90 days prior to<br>installation | 1/9/2020    |                       | Not Started   |                      |                                   |                             |                     | (Ref Only)               |                         |                              |                                     |                                       | SERC                 | GAL                     |
| VIS                | VIS   | IS-2b      | CONS      | Revised Landscaping and Irrigation Plans - See VIS-2a  | If the CPM determines that the<br>plans require revision, the project<br>owner shall provide to the CPM<br>and simultaneously to the city of<br>Stanton a revised plan for review<br>and approval by the CPM.   | Revised landscaping<br>and irrigation plans                            | No specific time<br>frame  | Conditional |                       | Not Started   |                      |                                   |                             |                     | (Ref Only)               |                         |                              |                                     |                                       | SERC                 | GAL                     |
| VIS                | VI    | IS-2c      | COM/OPS   | Landscape Installation Timing - See VIS-2a   | The planting must occur during the<br>first optimal planting season<br>following completion of site<br>construction   | Landscape and<br>irrigation installation                               | First optimal planting<br>season following<br>construction   | 5/1/2020    |                       |   |                      |                                   |                             |                     | (Ref Only)               |                         |                              |                                     |                                       | ARB                  | GAF                     |
| 266                | VIS   | IS-2d      | COM/OPS   | Landscaping Ready for Inspection - See VIS-2a  | The project owner shall<br>simultaneously notify the CPM and<br>the city of Stanton within seven<br>days after completing installation<br>of the landscaping, that the<br>landscaping is ready for<br>inspection.   | inspection   | Within seven days of<br>completing the<br>landscaping  | 5/9/2020    |                       | Not Started   |                      |                                   |                             |                     | (Ref Only)               |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 367 VIS            | VIS   | IS-2e      | COM/OPS   | Landscaping Ready for Inspection - See VIS-2a  | The project owner shall report<br>landscaping maintenance<br>activities, including replacement or<br>dead or dying vegetation, for the<br>previous year of operation in each<br>ACR. The CPM shall have authority<br>to require replacement planting of<br>dead or dying vegetation through<br>the life of the project  | ,  | Annual Compliance<br>Report  | 12/31/2020  |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 368                | VIS   | IS-3a      | CONS      | Site Lighting, Project Construction and Commissioning<br>Consistent with applicable worker safety regulations,<br>the project owner shall ensure that lighting of on-site<br>construction areas, and construction worker parking<br>lots, minimizes potential night lighting impacts. (See<br><b>Decision</b> VIS-3 for specifications).   | CPM that the lighting is ready for  |  | Within seven calendar<br>days after the first<br>use of construction<br>lighting                                     | 3/8/2019    | 3/4/2019              | Completed   | 3/7/2019             |                                   |                             |                     |                          |                         |                              |                                     |                                       | ARB                  | GAL                     |
| VIS                | VIS   | IS-3b      | CONS      | Lighting Modifications Corrections - See VIS-3a  | If the CPM determines that<br>modifications to the lighting are<br>needed for any construction<br>milestone, project owner shall<br>correct the lighting and notify the<br>CPM that modifications have been<br>completed.   |  | Within 14 calendar<br>days of receiving<br>notification  | Conditional |                       | Not Started   |                      |                                   |                             |                     |                          |                         |                              |                                     |                                       | ARB                  | GAL                     |

|     | А                   | В        | C                | D  | F   | F   | G  | н           |                       | 1   | к                    |                                   | м                           | N                   | 0                             | Р                       | 0                            | R                                   | S                                     | т                    | U                       |
|-----|---------------------|----------|------------------|--|---|---|--|-------------|-----------------------|---|----------------------|-----------------------------------|-----------------------------|---------------------|-------------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 S | tanto               | 1 Energy | v Reliabi        | lity Center Compliance Matrix (16-   | AFC-01)   |   |  |             |                       |   | K                    |                                   | CBO Color Code:             |                     | Pre- Construction             |                         | ¥                            |                                     | 5                                     |                      |                         |
|     | ll Phase            |          |                  |  |   | 1   |  | 6/30/2040   |                       |   |                      |                                   |                             |                     | Construction                  |                         |                              |                                     |                                       |                      |                         |
| 3   |                     |          |                  |  |   |   |  |             |                       |   |                      |                                   |                             |                     | Commissioning                 |                         |                              |                                     |                                       |                      |                         |
| 4   |                     |          |                  | Revised 4/30/2019  |   | Based on Final  | Staff Assessment   |             |                       |   |                      |                                   |                             |                     | Operations                    |                         |                              |                                     |                                       |                      |                         |
|     | echnical<br>esource | Cond. #  | Phase            | Description  | Verification/Action/Submittal   | Submittal   | Date Submittal is<br>Required  | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPN | Condition Amended?<br>I Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO      | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
|     | VIS                 | VIS-3c   | CONS             | Complaint Reporting - See VIS-3a   | The project owner shall provide to<br>the CPM a copy of any complaint<br>reports and resolution form,<br>including a schedule for<br>implementing corrective measures   | resolution form,<br>schedule for corrective<br>measures   | receiving a lighting   | Conditional |                       | Not Started   |                      |                                   |                             |                     |                               |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 370 | VIS                 | VIS-3d   | CONS             | Summary of Complaints in MCR - See VIS-3a  | to resolve the complaint.<br>The project owner shall report any   |   | Monthly  | Monthly     |                       | In Progress   |                      |                                   |                             |                     |                               |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 371 |                     |          |                  |  | lighting complaints and document<br>their resolution in the monthly<br>compliance report for the project,<br>accompanied by copies of<br>completed complaint report and<br>resolution forms for that month.   | resolution in MCR,  |  |             |                       |   |                      |                                   |                             |                     |                               |                         |                              |                                     |                                       |                      |                         |
| 372 | VIS                 | VIS-4a   | PC/CONS          | Lighting Management Plan, Project Operation - The<br>project owner shall prepare and implement a<br>comprehensive Lighting Management Plan. The<br>comprehensive Lighting Management Plan shall be<br>submitted to the CPM, and the Planning Director of the<br>city of Stanton for simultaneous review and comment.<br>Any comments on the plan from the city shall be<br>provided to the CPM. The project owner shall not<br>purchase or order any lighting fixtures or apparatus<br>until written approval of the final plan is received from<br>the CPM. Modifications to the Lighting Management<br>Plan are prohibited without the CPM's approval.<br>Consistent with applicable worker safety regulations,<br>the project owner shall design, install, and maintain all<br>permanent exterior lighting such that light sources are<br>not directly visible from areas beyond the project site,<br>glare is avoided, and night lighting impacts are<br>minimized or avoided to the maximum extent feasible.<br>All lighting fixtures shall be selected to achieve high<br>energy efficiency for the facility. (See <b>Decision</b> VIS-4 for<br>specifications). | comment and the CPM for review<br>and approval. The project owner<br>shall provide the CPM with a copy<br>of the transmittal letters<br>submitted to the city requesting<br>their review of the Lighting<br>Management Plan. The CPM shall<br>deem the Lighting Management<br>Plan acceptable to the city of<br>Stanton if comments are not<br>provided to the CPM within 45<br>calendar days of receipt of said<br>plan.   | Plan and transmittal<br>letters to Planning<br>Director of City of<br>Stanton for review and<br>comment | days before ordering<br>any permanent<br>lighting equipment for  | 12/3/2018   |                       | Completed   |                      |                                   |                             |                     | (Ref Only) Submit<br>6/4/2019 |                         | City of Stanton              | 11/26/18                            | 11/27/18                              | POWER                | GAL                     |
| 373 | VIS                 | VIS-4b   |                  | Lighting Management Plan, Project Operation - The<br>project owner shall prepare and implement a<br>comprehensive Lighting Management Plan. The<br>comprehensive Lighting Management Plan shall be<br>submitted to the CPM, and the Planning Director of the<br>city of Stanton for simultaneous review and comment.<br>Any comments on the plan from the city shall be<br>provided to the CPM. The project owner shall not<br>purchase or order any lighting fixtures or apparatus<br>until written approval of the final plan is received from<br>the CPM. Modifications to the Lighting Management<br>Plan are prohibited without the CPM's approval.<br>Consistent with applicable worker safety regulations,<br>the project owner shall design, install, and maintain all<br>permanent exterior lighting such that light sources are<br>not directly visible from areas beyond the project site,<br>glare is avoided, and night lighting impacts are<br>minimized or avoided to the maximum extent feasible.<br>All lighting fixtures shall be selected to achieve high<br>energy efficiency for the facility. (See Decision VIS-4 for<br>specifications).        | comment and the CPM for review<br>and approval. The project owner<br>shall provide the CPM with a copy<br>of the transmittal letters<br>submitted to the city requesting<br>Management Plan. The CPM shall<br>deem the Lighting Management<br>Plan acceptable to the city of<br>Stanton if comments are not<br>provided to the CPM within 45<br>calendar days of receipt of said<br>plan.   | transmittal letter<br>submitted to city and<br>the Lighting<br>Management Plan                          | At least 90 calendar<br>days before ordering<br>any permanent<br>lighting equipment for<br>the project | 12/3/2018   | 11/26/2018            | Completed   | 11/27/2018           |                                   |                             |                     | (Ref Only) Submit<br>6/4/2019 |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 274 | VIS                 | VIS-4c   | CONS/COM,<br>OPS | Revised Lighting Plan - See VIS-4a   | If the CPM determines that the<br>plan requires revision, the project<br>owner shall provide a plan with<br>the specified revision(s) for review<br>and approval by the CPM. A<br>courtesy copy of the revised plan<br>shall be provided to the Planning<br>Director of the city of Stanton for<br>review and comment and the CPM<br>from review and approval. No<br>work to implement the plan (e.g.,<br>purchasing of fixtures) shall begin<br>until final plan approval is received<br>from the CPM. | 1   | No specific time<br>frame  | Conditional |                       | Not started   |                      |                                   |                             |                     | (Ref Only)                    |                         |                              |                                     |                                       | POWER                | GAL                     |
| 275 | VIS                 | VIS-4d   | CONS/COM         | Lighting Inspection Ready, Notification - See VIS-4a   | The project owner shall notify the<br>CPM that installation of<br>permanent lighting for the project<br>has been completed and that the<br>lighting is ready for inspection.  | lighting is ready for<br>inspection   | Prior to the start of<br>commercial operation<br>of the project  | 11/12/2020  |                       | Not Started   |                      |                                   |                             |                     |                               |                         |                              |                                     |                                       | SERC                 | GAL                     |

| А                     |       | В       | C        | D   | E   | F   | G   | Н           | I                     | J   | К                    | L                               | М                           | N        | 0                           | Р                       | Q                                    | R                                   | S                                     | Т                    | U                    |
|-----------------------|-------|---------|----------|---|---|---|---|-------------|-----------------------|---|----------------------|---------------------------------|-----------------------------|----------|-----------------------------|-------------------------|--------------------------------------|-------------------------------------|---------------------------------------|----------------------|----------------------|
| Stanto                | on Er | nergy   | / Reliab | lity Center Compliance Matrix (16-  | -AFC-01)  |   |   |             |                       |   |                      |                                 | CBO Color Code:             |          | Pre- Construction           |                         |                                      |                                     |                                       |                      |                      |
| All Phas              | ses   |         |          |   |   | 1   |   | 6/30/2040   |                       |   |                      |                                 |                             |          | Construction                |                         |                                      |                                     |                                       |                      |                      |
|                       | _     |         |          | Revised 4/30/2019   |   | Paced on Final 9  | Staff Assessment  |             |                       |   |                      |                                 |                             |          | Commissioning<br>Operations |                         |                                      |                                     |                                       |                      |                      |
| Technical<br>Resource | Co    | ond. #  | Phase    | Description   | Verification/Action/Submittal   | Submittal   | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended  | Date Submitted<br>to CBO    | Date Approved by<br>CBO | Other Agencies to submit to?         | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Proje<br>Manage |
| VIS                   | VE    | IS-4e   | COM/OPS  | Changes to Lighting System - See VIS-4a   | If the CPM notifies the project<br>owner that modifications to the<br>lighting system are required,<br>within 30 days of receiving that<br>notification, the project owner<br>shall implement all specified<br>changes and notify the CPM that<br>the modified lighting system(s) is<br>ready for inspection.   | Changes to the lighting system                                      | 30 days after<br>receiving the<br>notification  | Conditional | Date submittee to CPM | Not Started   | Date Approved by CPW | Tes di No                       | Amenument Date              | Language | (Ref Only)                  | CBU                     | summetor                             | to other agencies                   | Agenties                              | SERC                 | GAL                  |
| VIS                   | VI    | 'IS-4f  | COM/OPS  | Lighting System Complaint - See VIS-4a  | Within 48 hours of receiving a<br>complaint about permanent<br>project lighting, the project owner<br>shall provide to the CPM a copy of<br>the complaint report and<br>resolution form, including a<br>schedule for implementing<br>corrective measures to resolve the   |   | Within 48 hours of<br>receiving a complaint<br>permanent project<br>lighting            | Conditional |                       | Not started   |                      |                                 |                             |          | (Ref Only)                  |                         |                                      |                                     |                                       | SERC                 | GAL                  |
| VIS<br>8              | VI    | IS-4g   | COM/OPS  | Status Report in ACR - Lighting System - See VIS-4a   | complaint<br>Project owner shall report any<br>complaints about permanent<br>lighting and document their<br>resolutioin in the ACR,<br>accompanied by copies of<br>completed complaint report and<br>resolution forms for that year.<br>The project owner shall not order<br>any exterior lighting until receiving<br>CPM approval of the lighting<br>mitigation plan | Status Report   | Annual Compliance<br>Report   | 12/31/2020  |                       | Not Started   |                      |                                 |                             |          | (Ref Only)                  |                         |                                      |                                     |                                       | SERC                 | DSR                  |
| VIS                   | VI    | IS-4h   | COM/OPS  | Pre-COD Inspection - Lighting System - See VIS-4a   | Prior to COD, project owner shall<br>notify CPM that installation of the<br>lighting has been completed and is<br>ready for inspection.   |   | Prior to COD  | 11/12/2020  |                       | Not Started   |                      |                                 |                             |          | (Ref Only)                  |                         |                                      |                                     |                                       | SERC                 | GAL                  |
| VIS                   | VI    | ʻIS-4i  | COM/OPS  | Pre-COD Inspection - Lighting System - See VIS-4a   | If after inspection the CPM notifies<br>the project owner that<br>modifications to the lighting are<br>needed, within 30 days of<br>receiving that notification the<br>project owner shall implement the<br>modifications and notify the CPM<br>that the modifications have been<br>completed and are ready for<br>inspection   |   | Within in 30 days of receiving notification   | Conditional |                       | Not Started   |                      |                                 |                             |          | (Ref Only)                  |                         |                                      |                                     |                                       | SERC                 | GAL                  |
| WASTE                 | WAS   | STE-10a | CONS/COM | Prior to transportation of soils for disposal at the Olind<br>Alpha Landfill, the project owner shall obtain approval<br>to dispose of soils at the Olinda Alpha Landfill from<br>Orange County Waste and Recycling.  |   | Obtain approval letter<br>from Orange County<br>Waste and Recycling | 30 days prior to<br>transportation of soils<br>for disposal to Olinda<br>Alpha Landfill | 1/19/2019   | 2/5/2019              | Completed   | 2/12/2019            |                                 |                             |          |                             |                         | Orange County<br>Waste and Recycling | 2/5/18                              | 2/12/18                               | SERC                 | GAL                  |
| WASTE<br>2            | WAS   | STE-10b | CONS/COM | Prior to transportation of soils for disposal at the Olinda<br>Alpha Landfill, the project owner shall obtain approval<br>to dispose of soils at the Olinda Alpha Landfill from<br>Orange County Waste and Recycling. |   | from Orange County  |   | 2/13/2019   | 2/14/2019             | Completed   | 2/22/2019            |                                 |                             |          |                             |                         |                                      |                                     |                                       | SERC                 | GAL                  |
| WASTE                 | WAS   | STE-1a  | PC       | Landfill from Orange County Waste and Recycling.  | At least 45 days prior to any<br>earthwork, the project owner shall<br>submit the SMP to the CPM for<br>review and approval.  |   | At least 45 days prior<br>to any earthwork  | 11/18/2018  | 10/18/2018            | Completed   | 10/19/2018           |                                 |                             |          |                             |                         |                                      |                                     |                                       | JACOBS               | GAL                  |
| WASTE                 | WAS   | STE-1b  | CONS     | SMP Summary - See WASTE-1a  | An SMP summary shall be<br>submitted to the CPM within 25<br>days of completion of any<br>earthwork.  | Soil Management Plan<br>Summary                                     | Within 25 days of<br>completion of any<br>earthwork                                     | 6/1/2020    |                       | Not Started   |                      |                                 |                             |          |                             |                         |                                      |                                     |                                       | JACOBS               | GAL                  |

|     | А                   | В        | С         | D  | E   | F   | G  | Н           | I  | J   | К                    | L                               | М                           | N                   | 0                           | Р                              | Q                               | R                                   | S                        | Т                    | U                       |
|-----|---------------------|----------|-----------|--|---|---|--|-------------|--|---|----------------------|---------------------------------|-----------------------------|---------------------|-----------------------------|--------------------------------|---------------------------------|-------------------------------------|--------------------------|----------------------|-------------------------|
| 1 S | tantor              | Energy   | / Reliabi | lity Center Compliance Matrix (16-   | AFC-01)   |   |  |             |  |   |                      |                                 | CBO Color Code:             |                     | Pre- Construction           |                                |                                 |                                     |                          |                      |                         |
| 2 A | II Phases           | ;        |           |  |   | 1   |  | 6/30/2040   |  |   |                      |                                 |                             |                     | Construction                |                                |                                 |                                     |                          |                      |                         |
| 3   |                     |          |           | Revised 4/30/2019  |   | Based on Final S                            | taff Assessment                                |             |  |   |                      |                                 |                             |                     | Commissioning<br>Operations |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     | echnical<br>esource | Cond. #  | Phase     | Description  | Verification/Action/Submittal   | Submittal                                   | Date Submittal is<br>Required                  | Due Date    |  | Compliance Status for CPM (Not                  |                      |                                 |                             |                     |                             |                                |                                 |                                     | Date Approved            |                      |                         |
| 5   | esource             |          |           |  |   |   | nequireu                                       |             | Date Submitted to CPM                              | started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO    | Date Approved by<br>CBO        | Other Agencies to<br>submit to? | Date Submitted<br>to Other agencies | by Other<br>Agencies     | Responsible<br>Party | SERC Project<br>Manager |
|     | WASTE               | WASTE-2  | PC        | Professional Engineer/Geologist - Provide the resume   | At least 30 days prior to the start<br>of site mobilization, submit the | Professional Engineer<br>/ Geologist Resume | At least 30 days prior<br>to the start of site | 12/3/2018   | 11/30/2018   | Completed                                       | 1/8/2019             |                                 |                             |                     |                             |                                |                                 |                                     |                          | JACOBS               | GAL                     |
|     |                     |          |           | of an experienced and qualified Professional Engineer<br>or Professional Geologist, who shall be available for   | resume of the Professional  | / Geologist Resume                          | mobilization                                   |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
| 385 |                     |          |           | consultation during site characterization (if needed),<br>demolition, excavation and grading activities, to the  | Engineer or Professional Geologist<br>to the CPM for review and         |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
| ,   | WASTE               | WASTE-3a | CONS      | Final Engineer/Geologist Report - If seemingly   | The project owner shall submit  | Final reports by the                        | Within 5 days of                               | Conditional | 6/12/19 (final NV%                                 | Completed                                       | 6/12/2019            |                                 |                             |                     |                             |                                |                                 |                                     |                          | JACOBS               | GAL                     |
|     |                     |          |           | contaminated soil is identified during site<br>characterization, demolition, excavation, or grading at           | any final reports filed by the<br>professional engineer or              | engineer or geologist                       | receipt  |             | reports on 2 barrels and<br>notification of barrel |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           | either the proposed site or linear facilities (as evidenced  | professional geologist to the CPM within five days of their receipt.    |   |  |             | removal)   |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           | by discoloration, odor, detection by handheld<br>instruments, or other signs), the professional engineer         | within live days of their receipt.                                      |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           | or geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of         |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           | contamination, and provide a written report to the   |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
| 386 |                     |          |           | project owner, representatives of Department of Toxic<br>Substances Control, and the CPM stating the             |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     | WASTE               | WASTE-3b | CONS      | Construction Halt Notification - See WASTE-3a  | The project owner shall notify the<br>CPM within 24 hours of any orders |   | Within 24 hours of<br>orders to halt           | Conditional |  | Not started                                     |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          | SERC                 | GAL                     |
|     |                     |          |           |  | issued to   |   | construction                                   |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  | halt construction due to<br>contaminated soil.                          |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
| 387 | WASTE               | WASTE-4a | PC        | Construction and Demolition Environmental Resources  | The project owner shall submit the                                      | Construction and                            | 30 days prior                                  | 12/3/2018   |  | Completed                                       |                      |                                 |                             |                     |                             |                                | OCPW                            | 11/1/2018                           | 1/28/2019                | JACOBS               | GAF                     |
|     | WASTE               | WASTE-4a | PC        | Management Plan - The project owner shall prepare a  | C & D Environmental Resources   | Demolition                                  | to the initiation of                           | 12/3/2018   |  | Completed                                       |                      |                                 |                             |                     |                             |                                | UCPW                            | 11/1/2018                           | (Approved by             | JACOBS               | GAF                     |
|     |                     |          |           | Construction and Demolition (C & D) Environmental<br>Resources Management and Recycling Plan for                 | Management and Recycling Plan to<br>Orange County's Public Works        | Environmental<br>Resources and              | demolition activities<br>at the site           |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     | CPM. No<br>Comments were |                      |                         |
|     |                     |          |           | demolition and construction wastes generated and shal  | I Department for review and   | Management Plan                             |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     | received from            |                      |                         |
|     |                     |          |           | submit a copy of the plan to the Orange County's Public<br>Works/Planning Department for review, and to the CPM  |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     | OCPW)                    |                      |                         |
|     |                     |          |           | for review and approval. See <b>Decision</b> WASTE-4 for specifications.   |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           | specifications.  |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
| 388 |                     |          |           |  |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     | WASTE               | WASTE-4b | PC        | Construction and Demolition Environmental Resources  |   |   | 30 days prior                                  | 12/3/2018   | 11/1/2018  | Completed                                       | 1/28/2019            |                                 |                             |                     |                             |                                |                                 |                                     |                          | JACOBS               | GAL                     |
|     |                     |          |           | Management Plan - The project owner shall prepare a<br>Construction and Demolition (C & D) Environmental         | C & D Environmental Resources<br>Management and Recycling Plan to       | Demolition<br>Environmental                 | to the initiation of<br>demolition activities  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           | Resources Management and Recycling Plan for<br>demolition and construction wastes generated and shall            |   | Resources and<br>Management Plan            | at the site                                    |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           | submit a copy of the plan to the Orange County's Public  |   | management nam                              |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           | Works/Planning Department for review, and to the CPM<br>for review and approval. See <b>Decision</b> WASTE-4 for | 1   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
| 200 |                     |          |           | specifications.  |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
| 202 | WASTE               | WASTE-4c | CONS      | Waste Volumes Reported in MCR - See WASTE-4a   | The project owner shall also  | Waste volumes and                           | Monthly  | Monthly     |  | In Progress                                     |                      |                                 |                             |                     |                             |                                | 1                               |                                     |                          | ARB                  | GAL                     |
|     |                     |          |           |  | document in each monthly<br>compliance report (MCR) the                 | waste management<br>methods in Monthly      |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  | actual volume of wastes generated                                       |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  | and the waste management<br>methods used during the year;               |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  | provide a comparison of the actual                                      | 1   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  | waste generation and<br>management methods used to                      |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  | those proposed in the original<br>Construction and Demolition           |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  | Waste Management Plan; and  |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  | update the Construction and<br>Demolition Waste Management              |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  | Plan as necessary to address<br>current waste generation and            |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           |  | management practices.   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
| 390 | WASTE               | WASTE-5a | PC/CONS   | Asbestos-Containing Materials - Prior to demolition of   | Prior to demolition of pipelines,                                       | Notify CPM of ACM                           | Prior to demolition of                         | 12/6/2018   | 2/13/2019  | Completed                                       | 2/22/2019            |                                 |                             |                     | Asbestos Survey:            | Asbestos Survey:               |                                 |                                     |                          | AEC                  | GAL                     |
|     |                     |          |           | pipelines, buildings, and associated structures, the<br>project owner shall survey for asbestos-containing       | buildings, and associated<br>structures, project owner shall            | survey results                              | pipelines, buildings,<br>and associated        |             |  |   |                      |                                 |                             |                     | 2/13/2019<br>Garage Demo    | 2/14/2019<br>Garage Demo Plan: |                                 |                                     |                          |                      |                         |
|     |                     |          |           | material (ACM) and notify the CPM of the results. In the   | survey for asbestos-containing  |   | structures                                     |             |  |   |                      |                                 |                             |                     | Plan: 2/20/2019             | 2/25/2019                      |                                 |                                     |                          |                      |                         |
|     |                     |          |           | case of a need to remove such material, the project<br>owner shall complete and submit a copy of a South         | material (ACM) and notify the CPM<br>of the results                     | 1   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
|     |                     |          |           | Coast Air Quality Management District Notification of  |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
| 204 |                     |          |           | Demolition or Renovation Form to the CPM as related<br>to asbestos and other materials.                          |   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 |                                     |                          |                      |                         |
| 391 |                     |          |           |  | I   |   |  |             |  |   |                      |                                 |                             |                     |                             |                                |                                 | 1                                   |                          |                      |                         |

|      | ^                     | p        | <i>(</i>         | 0  | r  | r.  | C I   | н           |                       | 1   | r                    | ,                               | м                           | N                   | 0                        | P                       | 0                            | р                                   | , I                                   |                      |                         |
|------|-----------------------|----------|------------------|--|--|---|---|-------------|-----------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|--------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
|      | A                     |          | <u>v Poliabi</u> | lity Center Compliance Matrix (16-   | L ⊧<br>AEC_01)   | F   | G   | н           | 1                     | J   | K                    | L                               | CBO Color Code:             |                     | Pre- Construction        | P                       | Q                            | к                                   | 5                                     | I                    | U                       |
|      | All Phase             | -        |                  |  |  |   |   | 6/30/2040   |                       |   |                      |                                 |                             |                     | Construction             |                         |                              |                                     |                                       |                      |                         |
| 3    | All Fllase            | .5       |                  |  |  |   |   | -,,         |                       |   |                      |                                 |                             |                     | Commissioning            |                         |                              |                                     |                                       |                      |                         |
| 4    |                       |          |                  | Revised 4/30/2019  |  | Based on Final S  | staff Assessment  |             |                       |   |                      |                                 |                             |                     | Operations               |                         |                              |                                     |                                       |                      |                         |
|      | Fechnical<br>Resource | Cond. #  | Phase            | Description  | Verification/Action/Submittal  | Submittal   | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| 392/ | WASTE                 | WASTE-5b |                  | Asbestos-Containing Materials - Prior to demolition of<br>pipelines, buildings, and associated structures, the<br>project owner shall survey for asbestos-containing<br>material (ACM) and notify the CPM of the results. In the<br>case of a need to remove such material, the project<br>owner shall complete and submit a copy of a South<br>Coast Air Quality Management District Notification of<br>Demolition or Renovation Form to the CPM as related<br>to asbestos and other materials. | The project owner shall provide<br>the Notification of Demolition or<br>Renovation Form to the CPM for<br>review.  | Notification of<br>Demolition or<br>Renovation Form to<br>CPM   | No less than 60 days<br>prior to<br>commencement of<br>structure demolition   | 12/6/2018   | 2/13/2019             | Completed   | 2/22/2019            |                                 |                             |                     |                          |                         |                              |                                     |                                       | AEC                  | GAL                     |
| 392  | WASTE                 | WASTE-5c | PC/CONS          | Asbestos-Containing Materials - Prior to demolition of<br>pipelines, buildings, and associated structures, the<br>project owner shall survey for asbestos-containing<br>material (ACM) and notify the CPM of the results. In the<br>case of a need to remove such material, the project<br>owner shall complete and submit a copy of a South<br>Coast Air Quality Management District Notification of<br>Demolition or Renovation Form to the CPM as related<br>to asbestos and other materials. | In the case of asbestos removal,<br>the project owner shall inform the<br>CPM, via the Monthly Compliance<br>Report of the date when all ACM is<br>removed from the site.  | ACM removal<br>description in Monthly<br>Compliance Reports   | Monthly Compliance<br>Report  | Monthly     |                       | Completed   | 4/13/2019            |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 394  | WASTE                 | WASTE-6  | CONS/COM/<br>OPS | Hazardous Waste Generator ID - The project owner<br>shall report new or temporary hazardous waste<br>generator identification numbers from the United<br>States Environmental Protection Agency prior to<br>generating any hazardous waste during demolition,<br>construction, or operations.  | The project owner shall keep a<br>copy of the identification<br>number(s) on file at the project<br>site and provide documentation of<br>the hazardous waste generation<br>and notification and receipt of the<br>number to the CPM in the next<br>scheduled Monthly Compliance<br>Report after receipt of the<br>number. Submittal of the<br>notification and issued number | Report new or<br>temporary Hazardous<br>waste generator ID<br>numbers in Monthly<br>Compliance Report | Monthly Compliance<br>Report  | Monthly     |                       | In Progress   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 395  | WASTE                 | WASTE-7  |                  | Enforcement Action Notification - Upon becoming<br>aware of any impending waste management-related<br>enforcement action by any local, state, or federal<br>authority, the project owner shall notify the CPM of any<br>such action taken, or proposed to be taken, against the<br>project itself, or against any waste hauler or disposal<br>facility or treatment operator with which the owner<br>contracts.  | The project owner shall notify the<br>CPM in writing within ten days of<br>becoming aware of an impending<br>enforcement action. The CPM shal  | 1   | Within 10 days of<br>becoming aware of an<br>impending<br>enforcement action. | Conditional |                       | Not started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | GAL                     |
| 396  | WASTE                 | WASTE-8a |                  | Operation Waste Management Plan - The project<br>owner shall prepare an Operation Waste Management<br>Plan for all wastes generated during operation of the<br>facility and shall submit the plan to the CPM for review<br>and approval. See <b>Decision</b> WASTE-8 for specifications.   | The project owner shall submit the<br>Operation Waste Management<br>Plan   | Operation Waste<br>Management Plan  | No less than 30 days<br>prior to the start of<br>project operation            | 11/12/2020  |                       | Not Started   |                      |                                 |                             |                     |                          |                         |                              |                                     |                                       | SERC                 | DSR                     |

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|------------------------|--------|------------------|----------|--|--|---|--|-------------|-----------------------|---|-----------------------|---------------------------------|-----------------------------|---------------------|--|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 7.                     |        | nergy            | v Reliab | lity Center Compliance Matrix (16-   | AFC-01)  |   | g  |             | 1                     | ,   | K                     | L L                             | CBO Color Code:             |                     | Pre- Construction                      | r                       | <u> </u>                     | K                                   | 3                                     | 1                    | 0                       |
| 2 All Pha              |        |                  |          |  |  |   |  | 6/30/2040   |                       |   |                       |                                 |                             |                     | Construction                           |                         |                              |                                     |                                       |                      |                         |
| 3                      |        |                  |          |  |  |   |  |             |                       |   |                       |                                 |                             |                     | Commissioning                          |                         |                              |                                     |                                       |                      | -                       |
| 4<br>Technic<br>Resour |        | ond. #           | Phase    | Revised 4/30/2019 Description  | Verification/Action/Submittal  | Based on Final Submittal                      | Staff Assessment<br>Date Submittal is<br>Required                                  | Due Date    | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM  | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Operations<br>Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| WAST                   | e   wa | ISTE-86          | COM/OPS  | Revised OWMP - See WASTE-8a  | The project owner shall submit<br>any required revisions of the<br>Waste Management Plan to the<br>CPM.  | Revised Operation<br>Waste Management<br>Plan | Within 20 days of<br>notification from the<br>CPM that revisions<br>are necessary. | Conditional |                       | Not Started   |                       |                                 |                             |                     |  |                         |                              |                                     |                                       | SERC                 | DSR                     |
| 197<br>WAST<br>198     | E WA   | ASTE-8c          | OPS      | OWMP Report in ACR - See WASTE-8a  | Project owner shall also documen<br>in each ACR the actual volume of<br>wastes generated and the waste<br>management methods used<br>during the year; provide a<br>comparison of the actual waste<br>generated and management  |   | Annual Compliance<br>Report  | 12/31/2020  |                       |   |                       |                                 |                             |                     |  |                         |                              |                                     |                                       | SERC                 | DSR                     |
| WAST                   | E W    | ASTE-9           | CONS/OPS | Unauthorized Release Response - The project owner<br>shall ensure that all spills or releases of hazardous<br>substances, materials, or waste are reported, cleaned<br>up, and remediated as necessary, in accordance with all<br>applicable federal, state, and local<br>requirements.  | The project owner shall document<br>all unauthorized releases and spill<br>of hazardous substances,<br>materials, or wastes that occur on<br>the project property or related<br>pipeline and transmission<br>corridors to the CPM. Informatior<br>including the location of release;<br>date and time of release; reason<br>for release; volume released;<br>amount of contaminated<br>soil/material generated; how<br>release was managed and materia<br>cleaned up; if the release was<br>reported; to whom the release<br>was reported; release corrective<br>action and cleanup requirements<br>placed by regulating agencies;<br>level of cleanup achieved and<br>actions taken to prevent a similar<br>release was and/or<br>contaminated soils and materials<br>that may have been generated by<br>the release. | n<br>al                                       | Within 48 hours of<br>the date the release<br>was discovered                       | Conditional | 3/1/2019<br>6/14/2019 | Completed   | 3/7/2019<br>6/18/2019 |                                 |                             |                     |  |                         |                              |                                     |                                       | SERC                 | GAL                     |
| WORKE<br>SAFET         |        | ORKER<br>FETY-1a | PC       | Construction H&S Program - Submit to the CPM the<br>Project Construction Safety and Health Program<br>containing the elements listed in this condition (See<br>Decision WORKEN SAFETY-1 for specification). The<br>Personal Protective Equipment Program, the Exposure<br>Monitoring Program, and the Injury and Illness<br>Prevention Program shall be submitted to the CPM for<br>review and approval concerning compliance of the<br>program with all applicable safety orders. The<br>Construction Emergency Action Plan and the Fire<br>Prevention Plan shall be submitted to the Orange<br>County Fire Authority for review and comment prior to<br>submittal to the CPM for approval. | and Safety and Health Program.   | a Safety Program<br>w/OCFA Comments           | At least 30 days prior<br>to start of<br>construction                              | 12/3/2018   | 12/3/2018             | Completed   | 1/29/2019             |                                 |                             |                     | 1/16/19                                | 2/4/2019                |                              |                                     |                                       | ARB                  | GAL                     |

| А                     | F               | В               | С       | D   | E  | F  | G   | Н           | 1   | J           | К                    | L                               | М                           | N                   | 0                           | Р                       | Q                            | R                                   | S                                     | Т                    | U                       |
|-----------------------|-----------------|-----------------|---------|---|--|--|---|-------------|---|-------------|----------------------|---------------------------------|-----------------------------|---------------------|-----------------------------|-------------------------|------------------------------|-------------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 Stan                | on En           | nergy           | Reliabi | lity Center Compliance Matrix (16-  | AFC-01)  |  |   |             |   |             |                      |                                 | CBO Color Code:             |                     | Pre- Construction           |                         |                              |                                     |                                       |                      |                         |
| 2 All Pha             |                 |                 |         | - · ·   |  |  |   | 6/30/2040   |   |             |                      |                                 |                             |                     | Construction                |                         |                              |                                     |                                       |                      |                         |
| 3                     |                 |                 |         | Desired 4/20/2010   |  | Based on Final St  | toff Accorcmont   |             |   |             |                      |                                 |                             |                     | Commissioning<br>Operations |                         |                              |                                     |                                       |                      |                         |
| 4                     |                 |                 |         | Revised 4/30/2019   |  | based on Final Si  | tan Assessment  |             |   |             |                      |                                 |                             |                     | Operations                  |                         |                              |                                     |                                       |                      |                         |
| Technic<br>Resour     | con             | nd. #           | Phase   | Description   | Verification/Action/Submittal  | Submittal  | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM                     |             | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO    | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted<br>to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| WORKI<br>SAFET<br>401 |                 | NRKER<br>ETY-1b |         | Construction H&S Program - Submit to the CPM the<br>Project Construction Safety and Health Program<br>containing the elements listed in this condition (See<br>Decision WORKER SAFETY-1 for specification). The<br>Personal Protective Equipment Program, the Exposure<br>Monitoring Program, and the Injury and Illness<br>Prevention Program shall be submitted to the CPM for<br>review and approval concerning compliance of the<br>program with all applicable safety orders. The<br>Construction Emergency Action Plan and the Fire<br>Prevention Plan shall be submitted to the Orange<br>County Fire Authority for review and comment prior to<br>submittal to the CPM for approval.  | The project owner shall provide to<br>the CPM a copy of a letter from<br>the Orange County Fire Authority<br>stating the fire department's<br>comments on the Construction<br>Fire Prevention Plan and the<br>Emergency Action Plan. | Construction Health &<br>Safety Program<br>w/OCFA Comments<br>CFPP and EAP | At least 30 days prior<br>to start of<br>construction                     | 12/3/2018   | Original 12/3/2018;<br>Revision 1/17/2019 | Completed   | N/A                  |                                 |                             |                     | 1/16/19                     | 2/4/2019                | OCFA                         | 12/3/2018                           | No response                           | ARB                  | GAL                     |
| 402                   |                 |                 |         | Operations H&S Program - The project owner shall<br>submit to the CPM a copy of the Project Operations and<br>Maintenance Safety and Health Program (See Decision<br>WORKER SAFETY-2 for specifications). The Operation<br>Injury and Illness Prevention Plan, Hazardous Materials<br>Management Program, Emergency Action Plan, Fire<br>Prevention Plan, Fire Protection System Impairment<br>Program, and Personal Protective Equipment Program<br>shall be submitted to the CPM for review and approval<br>concerning compliance of the programs with all<br>applicable safety orders. The Fire Prevention Plan, Fire<br>Protection System Impairment Program, and the<br>Emergency Action Plan shall also be submitted to the<br>Orange County Fire Authority for review and comment. | Project Operations and<br>Maintenance Safety and Health  |  | At least 30 days prior<br>to the start of first-<br>fire or commissioning | 1/11/2020   |   | Not Started |                      |                                 |                             |                     | 1/16/19                     | 2/4/2019                |                              |                                     |                                       | SERC                 | DSR                     |
| WORKI<br>SAFET        |                 |                 |         | Operations H&S Program - The project owner shall<br>submit to the CPM a copy of the Project Operations and<br>Maintenance Safety and Health Program (See Decision<br>WORKER SAFETV-2 for specifications). The Operation<br>Injury and Illness Prevention Plan, Hazardous Materials<br>Management Program, Emergency Action Plan, Fire<br>Prevention Plan, Fire Protection System Impairment<br>Program, and Personal Protective Equipment Program<br>shall be submitted to the CPM for review and approval<br>concerning compliance of the programs with all<br>applicable safety orders. The Fire Prevention Plan, Fire<br>Protection System Impairment Program, and the<br>Emergency Action Plan shall also be submitted to the<br>Orange County Fire Authority for review and comment. | the Orange County Fire Authority<br>stating the fire department's<br>timely comments on the<br>Operations Fire Prevention Plan,<br>Fire Protection System Impairment<br>Program, and Emergency Action                                | Maintenance Safety   | At least 30 days prior<br>to the start of first-<br>fire or commissioning | 1/11/2020   |   | Not Started |                      |                                 |                             |                     | 1/16/19                     | 2/4/2019                |                              |                                     |                                       | SERC                 | DSR                     |
| WORKE<br>SAFET<br>404 |                 | ORKER<br>ETY-3a | PC      | Construction Safety Supervisor - Provide a site<br>Construction Safety Supervisor (CSS) who is qualified as<br>specified in this condition (See <b>Decision</b> WORKER<br>SAFETY-3 for specifications). The CSS shall perform the<br>duties listed in this condition.   | information for the Construction   | CSS Name/Contact   | At least 30 days prior<br>to the start of site<br>mobilization            | 12/3/2018   | 11/20/2018                                | Completed   | 11/21/2018           |                                 |                             |                     | 1/16/2019                   | 1/17/2019               |                              |                                     |                                       | ARB                  | GAL                     |
| WORKE<br>SAFET<br>405 | R WOF<br>( SAFE |                 | PC/CONS | Replacement CSS - See WORKERSAFETY-3a   | The contact information of any<br>replacement CSS shall be<br>submitted<br>to the CPM within one business<br>day   | Replacement CSS<br>Name/Contact  | Within one business<br>day  | Conditional |   | Not started |                      |                                 |                             |                     | conditional                 |                         |                              |                                     |                                       | ARB                  | GAL                     |
| WORKE<br>SAFET<br>406 |                 | ORKER<br>ETY-3c | CONS    | H&S Information Reported in MCR - See<br>WORKERSAFETY-3a  | The CSS shall submit health and<br>safety information in the Monthly<br>Compliance Report (See <b>Decision</b><br>WORKERSAFETY 3 Verification for<br>specifications)   | Health and safety<br>information for MCR                                   | Monthly   | Monthly     |   | In Progress |                      |                                 |                             |                     | Monthly                     |                         |                              |                                     |                                       | ARB                  | GAL                     |
| WORKI<br>SAFET        |                 | DRKER<br>ETY-4  |         |   | proof of its agreement to fund the<br>Safety Monitor services to the   |  | At least 60 days prior<br>to the start of<br>construction                 | 11/3/2018   | 11/1/2018                                 | Completed   | 1/18/2019            |                                 |                             |                     | 1/25/2019                   | 1/25/2019               |                              |                                     |                                       | SERC                 | GAL                     |

| A              | 1         | В                   | С         | D   | E   | F  | G   | Н           | 1  | J   | К                    | L                               | М                           | Ν                   | 0                           | Р                       | Q                            | R                                | S                                     | T                    | U                       |
|----------------|-----------|---------------------|-----------|---|---|--|---|-------------|--|---|----------------------|---------------------------------|-----------------------------|---------------------|-----------------------------|-------------------------|------------------------------|----------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 Star         | nton      | Energy              | / Reliabi | lity Center Compliance Matrix (16-  | AFC-01)   |  |   |             |  |   |                      |                                 | CBO Color Code:             |                     | Pre- Construction           |                         |                              |                                  |                                       |                      | ,                       |
| 2 All Ph       |           |                     |           | · · · · · ·   |   |  |   | 6/30/2040   |  |   |                      |                                 |                             |                     | Construction                |                         |                              |                                  |                                       |                      |                         |
| 3              | $-\Gamma$ | ]                   |           | Revised 4/30/2019   |   | Based on Final S   | taff Assassment   |             |  |   |                      |                                 |                             |                     | Commissioning<br>Operations |                         |                              |                                  |                                       |                      |                         |
| Techn<br>Resou |           | Cond. #             | Phase     | Description   | Verification/Action/Submittal   | Submittal  | Date Submittal is<br>Required   | Due Date    | Date Submitted to CPM                                | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO    | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| WORI<br>SAFE   |           | WORKER<br>AFETY-5a  | PC        | Automatic External Defibrillator - A portable automatic<br>external defibrillator (AED) shall be located on site<br>during demolition, construction, and operations and a<br>training program shall be implemented, as described in<br>the defibrior of the Defibrior MODETCO ACTOR 5.1 The   | Submit to the CPM proof that a<br>portable AED is available on site   | Proof of AED   | At least 30 days prior<br>to the start of site<br>mobilization  | 12/3/2018   | 11/15/2018   | Completed   | 12/11/2018           |                                 |                             |                     | 1/22/2019<br>(Ref Only)     | 1/23/2019               |                              |                                  |                                       | ARB                  | GAL                     |
| WORI<br>SAFE   |           | WORKER<br>AFETY-5b  | PC        | Automatic External Defibrillator - A portable automatic<br>external defibrillator (AED) shall be located on site<br>during demolition, construction, and operations and a<br>training program shall be implemented, as described in<br>this condition (See Decision WORKER SAFETY-5). The<br>training arrows hall be submitted to the CPM for   | Submit to the CPM a copy of the<br>training and maintenance program<br>for review and approval.   | Training Program   | At least 30 days prior<br>to the start of site<br>mobilization  | 12/3/2018   | 11/15/2018   | Completed   | 12/11/2018           |                                 |                             |                     | 1/22/2019<br>(Ref Only)     | 1/23/2019               |                              |                                  |                                       | ARB                  | GAL                     |
| WORI<br>SAFE   |           | WORKER<br>AFETY-6a  | PC        | Emergency Access Plan - The project owner shall<br>prepare an Emergency Access Plan that shows a<br>secondary emergency access to the Stanton site where  | to the Orange County Fire   | Emergency Access<br>Plan   | At least 60 days prior<br>to the start of<br>construction, or<br>within a time frame<br>approved by the CPM | 12/6/2018   | 11/2/2018  | Completed   | 11/15/2018           |                                 |                             |                     | 1/18/2019<br>(Ref Only)     | 1/18/2019               |                              |                                  |                                       | Jacobs               | GAL                     |
| WORF<br>SAFE   |           | WORKER<br>AFETY-6b  | PC        | Emergency Access Plan - The project owner shall<br>prepare an Emergency Access Plan that shows a<br>secondary emergency access to the Stanton site where<br>the specifications of the roadway will comply with the<br>Stanton Municipal Code and the 2016 (or latest edition)<br>California Fire Code. A secondary access must be   | to the CPM for review and   | Emergency Access<br>Plan   | At least 60 days prior<br>to the start of<br>construction, or<br>within a time frame<br>approved by the CPM | 12/6/2018   | 11/2/2018  | Completed   | 11/15/2018           |                                 |                             |                     | 1/18/2019<br>(Ref Only)     | 1/18/2019               |                              |                                  |                                       | Jacobs               | GAL                     |
| WORH<br>SAFE   |           | WORKER<br>¡AFETY-6c | PC/CONS   | Emergency Access Plan, Revised - See WORKERSAFETY-<br>6a  | If a change to the secondary<br>access is proposed by the project<br>owner, the project owner must<br>submit the proposed change, with<br>an updated Emergency Access<br>Plan that shows the new proposed<br>location/ arrangement for the<br>secondary emergency access road,<br>to the Orange County Fire<br>Authority for review and timely<br>comment |  | 90 days before a<br>change to the<br>secondary access<br>would occur  | Conditional |  |   |                      |                                 |                             |                     | 1/18/2019<br>(Ref Only)     | 1/18/2019               | OCFA                         |                                  |                                       | JACOBS               | GAL                     |
| WOR<br>SAFE    |           | WORKER<br>AFETY-6d  | PC/CONS   | Emergency Access Plan, Revised - See WORKERSAFETY-<br>6a  |   | Emergency Access<br>Plan showing the<br>secondary emergency<br>access road | 91 days before a<br>change to the<br>secondary access<br>would occur  | Conditional |  | Not started   |                      |                                 |                             |                     | 1/18/2019 (Ref<br>Only)     | 1/18/2019               |                              |                                  |                                       | JACOBS               | GAL                     |
| WORI<br>SAFE   |           | WORKER<br>AFETY-7a  |           | Fire Protection System Specifications - The project<br>owner shall adhere to all applicable provisions of the<br>latest version of NFPA 850: Recommended Practice for<br>Fire Protection for Electric Generating Plants and High<br>Voltage Direct Current Converter Stations, as the<br>minimum level of fire protection. The project owner<br>shall interpret and adhere to all applicable NFPA 850<br>recommended provisions and actions stating "should"<br>as "shall." In any situations where both NFPA 850 and<br>the state or local LORS have application, the more<br>restrictive shall apply. | that the project adheres to all applicable provisions of NFPA 850.  |  | At least 60 days prior<br>to the start of<br>construction of the<br>fire protection system                  | 7/28/2019   |  | In Progress   |                      |                                 |                             |                     |                             |                         | OCFA<br>OCFA                 | 2/4/2019<br>11/21/19             |                                       | POWER                | TAT                     |
| WORH<br>SAFE   |           | WORKER<br>AFETY-7b  |           | Fire Protection System Specifications - The project<br>owner shall adhere to all applicable provisions of the<br>latest version of NFPA 850: Recommended Practice for<br>Fire Protection for Electric Generating Plants and High<br>Voltage Direct Current Converter Stations, as the<br>minimum level of fire protection. The project owner<br>shall interpret and adhere to all applicable NFPA 850<br>recommended provisions and actions stating "should"<br>as "shall." In any situations where both NFPA 850 and<br>the state or local LORS have application, the more<br>restrictive shall apply. | The project owner shall ensure<br>that the project adheres to all<br>applicable provisions of NFPA 850.<br>The project owner shall provide all<br>fire protection system<br>specifications and drawings to the<br>CPM for review and approval   |  | At least 60 days prior<br>to the start of<br>construction of the<br>fire protection system                  | 12/6/2018   | 2/6/2019 Additional<br>Submittals made on<br>4/22/19 | In Progress   |                      |                                 |                             |                     |                             |                         |                              |                                  |                                       | Power                | GAL                     |

| A                             | 1     | В                    | C        | D  | E  | F   | G  | Н         | 1                     | J   | К                    | L                               | М                           | Ν                   | 0  | Р  | Q                            | R              | S                                     | T                    | U                       |
|-------------------------------|-------|----------------------|----------|--|--|---|--|-----------|-----------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|--|--|------------------------------|----------------|---------------------------------------|----------------------|-------------------------|
| 1 Stant                       | on En | nergy                | Reliabil | ity Center Compliance Matrix (16-  | AFC-01)  |   |  |           |                       |   |                      |                                 | CBO Color Code:             |                     | Pre- Construction  |  |                              |                |                                       |                      |                         |
| 2 All Pha                     | ises  |                      |          |  |  | 1   |  | 6/30/2040 |                       |   |                      |                                 |                             |                     | Construction   |  |                              |                |                                       |                      |                         |
| 3                             | +     |                      |          | Revised 4/30/2019  |  | Based on Final S  | taff Assessment  |           |                       |   |                      |                                 |                             |                     | Commissioning<br>Operations  |  |                              |                |                                       |                      |                         |
| Technic<br>Resourc            |       | nd. #                | Phase    | Description  | Verification/Action/Submittal  | Submittal   | Date Submittal is<br>Required  | Due Date  | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Date Submitted<br>to CBO   | Date Approved by<br>CBO  | Other Agencies to submit to? | Date Submitted | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| WORKE<br>SAFETY               |       | RKER<br>ETY-7c       |          | Fire Protection System Specifications - The project<br>owner shall adhere to all applicable provisions of the<br>latest version of NFPA 850: Recommended Practice for<br>Fire Protection for Electric Generating Plants and High<br>Voltage Direct Current Converter Stations, as the<br>minimum level of fire protection. The project owner<br>shall interpret and adhere to all applicable NFPA 850<br>recommended provisions and actions stating "should"<br>as "shall." In any situations where both NFPA 850 and<br>the state or local LORS have application, the more<br>restrictive shall apply.  | The project owner shall ensure<br>that the project adheres to all<br>applicable provisions of NFPA 850.<br>The project owner shall provide all<br>fire protection system<br>specifications and drawings to the<br>DCBO for plan check approval and<br>construction inspection. |   | At least 60 days prior<br>to the start of<br>construction of the<br>fire protection system | 7/28/2019 |                       | In Progress   |                      |                                 |                             |                     | 7-1.0: 2/4/19<br>7-2.0: 3/29/19<br>7-3.0: 4/18/19<br>7-4.0: 4/18/19<br>7-5.0: 4/18/19<br>7-6.0: 5/1/19<br>7-9.0 10/16/19 | 7-1.0: 5/14/19<br>7-2.0: 5/15/19<br>7-3.0: 5/15/19<br>7-4.0:<br>7-5.0:<br>7-6.0: 5/14/19<br>7-9.0 10/29/19 |                              |                |                                       | Power                | GAL                     |
| WORKE<br>SAFETY               |       | RKER<br>TY-8a        |          | UL 9540 Certification - The project owner shall ensure<br>that the lithium ion battery energy storage system has<br>UL standard for Safety for Energy Storage Systems and<br>Equipment, UL 9540 certification. The project owner<br>shall submit the certification along with the fire<br>protection drawings and specifications for the ESS to<br>the Orange County Fire Authority for review and<br>comment and to the CPM for review and approval. The<br>project owner shall also collaborate with the Orange<br>County Fire Authority to assist the development of<br>standard operating procedures for first responders to<br>implement when confronting a fire occurring within the<br>lithium ion ESS located on site. | UL (or authorized UL agent) to<br>perform a field certification during<br>construction of the ESS to obtain<br>UL 9540 certification to the CPM  | design certification for<br>the ESS, or copy of the<br>contract with UL to  | At least 60 days prior<br>to the start of<br>construction of BESS                          | 10/3/2019 | 11/1/2018             | Completed   | 11/13/2018           |                                 |                             |                     |  |  |                              |                |                                       | SERC                 | GAL                     |
| WORKE<br>SAFETY               | Y SAF | RKER<br>ETY-<br>a.1  |          | UL 9540 Certification - The project owner shall ensure<br>that the lithium ion battery energy storage system has<br>UL Standard for Safety for Energy Storage Systems and<br>Equipment, UJ 9540 certification. The project owner<br>shall submit the certification along with the fire<br>protection drawings and specifications for the ESS to<br>the Orange County Fire Authority for review and<br>comment and to the CPM for review and approval. The<br>project owner shall also collaborate with the Orange<br>County Fire Authority to assist the development of<br>standard operating procedures for first responders to<br>implement when confronting a fire occurring within the<br>lithium ion ESS located on site. | 9540 design certification for the<br>ESS or a copy of the contract with<br>UL (or authorized UL agent) to<br>perform a field certification during<br>construction of the ESS to obtain<br>UL 9540 certification to the CPM   | certification for the<br>ESS, or copy of the<br>contract with UL to   | At least 60 days prior<br>to the start of<br>construction of BESS                          | 10/3/2019 |                       | Completed   |                      |                                 |                             |                     | (Ref Only)   |  |                              |                |                                       | SERC                 | GAL                     |
| 415<br>WORKE<br>SAFETY<br>419 |       | RKER<br>ETY-8b       |          | UL 9540 Certification - The project owner shall ensure<br>that the lithium ion battery energy storage system has<br>UL Standard for Safety for Energy Storage Systems and<br>Equipment, UL 9540 certification. The project owner<br>shall submit the certification along with the fire<br>protection drawings and specifications for the ESS to<br>the Orange County Fire Authority for review and<br>comment and to the CPM for review and approval. The<br>project owner shall also collaborate with the Orange<br>County Fire Authority to assist the development of<br>standard operating procedures for first responders to<br>implement when confronting a fire occurring within the<br>lithium ion ESS located on site. | the complete ESS fire protection<br>drawings and specifications to the<br>OCFA for review and comment  | The project owner<br>shall provide the<br>complete ESS fire<br>protection drawings<br>and specifications to<br>the <b>OCFA</b> for review<br>and comment. | At least 60 days prior<br>to the start of<br>construction of the<br>BESS                   | 10/3/2019 |                       | Not started   |                      |                                 |                             |                     |  |  | OCFA                         |                |                                       | SERC                 | GAL                     |
| WORKE<br>SAFETY<br>420        | Y SAF | RKER<br>FETY-<br>b.1 |          | UL 9540 Certification - The project owner shall ensure<br>that the lithium ion battery energy storage system has<br>UL Standard for Safety for Energy Storage Systems and<br>Equipment, UL 9540 certification. The project owner<br>shall submit the certification along with the fire<br>protection drawings and specifications for the ESS to<br>the Orange County Fire Authority for review and<br>comment and to the CPM for review and approval. The<br>project owner shall also collaborate with the Orange<br>County Fire Authority to assist the development of<br>standard operating procedures for first responders to<br>implement when confronting a fire occurring within the<br>lithium ion ESS located on site. | the complete ESS fire protection<br>drawings and specifications to the<br>CPM for review and approval.   | The project owner<br>shall provide the<br>complete ESS fire<br>protection drawings<br>and specifications to<br>the <b>CPM</b> for review<br>and approval. | At least 60 days prior<br>to the start of<br>construction of the<br>BESS                   | 10/3/2019 |                       | Not Started   |                      |                                 |                             |                     |  |  |                              |                |                                       | SERC                 | GAL                     |

| Δ                               | В                         | C            | D  | F  | F  | G  | н         | 1                     | 1 1   | К                    |                                 | м                           | N                   | 0                                      | Р                       | 0                            | R                                | s                                     | т                    | 11                      |
|---------------------------------|---------------------------|--------------|--|--|--|--|-----------|-----------------------|---|----------------------|---------------------------------|-----------------------------|---------------------|--|-------------------------|------------------------------|----------------------------------|---------------------------------------|----------------------|-------------------------|
| 1 Stanto                        | n Energ                   | y Reliab     | ility Center Compliance Matrix (16-  | AFC-01)  | •  |  |           |                       |   |                      |                                 | CBO Color Code:             |                     | Pre- Construction                      |                         |                              |                                  |                                       |                      |                         |
| 2 All Phase                     |                           |              |  |  | 1  |  | 6/30/2040 |                       |   |                      |                                 |                             |                     | Construction                           |                         |                              |                                  |                                       |                      |                         |
| 3                               |                           |              |  |  |  |  |           |                       |   |                      |                                 |                             |                     | Commissioning                          |                         |                              |                                  |                                       |                      |                         |
| 4<br>Technical<br>Resource<br>5 | Cond. #                   | Phase        | Revised 4/30/2019<br>Description   | Verification/Action/Submittal  | Based on Final S<br>Submittal  | Date Submittal is<br>Required  | Due Date  | Date Submitted to CPM | Compliance Status for CPM (Not<br>started, in progress, completed (with<br>date)) | Date Approved by CPM | Condition Amended?<br>Yes or No | Condition<br>Amendment Date | Amended<br>Language | Operations<br>Date Submitted<br>to CBO | Date Approved by<br>CBO | Other Agencies to submit to? | Date Submitted to Other agencies | Date Approved<br>by Other<br>Agencies | Responsible<br>Party | SERC Project<br>Manager |
| WORKER<br>SAFETY<br>421         | WORKER<br>SAFETY-<br>8b.2 | PC/CONS      | UL 9540 Certification - The project owner shall ensure<br>that the lithium ion battery energy storage system has<br>UL Standard for Safety for Energy Storage Systems and<br>Equipment, UL 9540 certification. The project owner<br>shall submit the certification along with the fire<br>protection drawings and specifications for the ESS to<br>the Orange County Fire Authority for review and<br>comment and to the CPM for review and approval. The<br>project owner shall also collaborate with the Orange<br>County Fire Authority to assist the development of<br>standard operating procedures for first responders to<br>implement when confronting a fire occurring within the<br>lithium ion ESS located on site. | the complete ESS fire protection<br>drawings and specifications to the<br>CBO for reference only.  | UL 9540 certification<br>and drawings and<br>specifications for the<br>ESS to the CBO. | At least 60 days prior<br>to the start of<br>construction of the<br>BESS | 10/3/2019 |                       | Not Started   |                      |                                 |                             |                     | (Refonly)                              |                         |                              |                                  |                                       | SERC                 | GAL                     |
| WORKER<br>SAFETY                | WORKER<br>SAFETY-8c.      | PC/CONS<br>1 | UL 9540 Certification - The project owner shall ensure<br>that the lithium ion battery energy storage system has<br>UL Standard for Safety for Energy Storage Systems and<br>Equipment, UL 9540 certification. The project owner<br>shall submit the certification along with the fire<br>protection drawings and specifications for the ESS to<br>the Orange County Fire Authority for review and<br>comment and to the CPM for review and approval. The<br>project owner shall also collaborate with the Orange<br>County Fire Authority to assist the development of<br>standard operating procedures for first responders to<br>implement when confronting a fire occurring within the<br>lithium ion ESS located on site. | copy of letter from UL stating that<br>the design drawings for the ESS<br>have been reviewed and meet UL<br>9540 requirements for performing<br>a field certification to the CPM   | Letter from UL to CPM  | At least 60 days prior<br>to the start of<br>construction of the<br>BESS | 10/3/2019 |                       | Not Started   |                      |                                 |                             |                     |  |                         |                              |                                  |                                       | SERC                 | GAL                     |
| WORKER<br>SAFETY<br>423         | WORKER<br>SAFETY-8c.2     | PC/CONS<br>2 | UL 9540 Certification - The project owner shall ensure<br>that the lithium ion battery energy storage system has<br>UL Standard for Safety for Energy Storage Systems and<br>Equipment, UL 9540 certification. The project owner<br>shall submit the certification along with the fire<br>protection drawings and specifications for the ESS to<br>the Orange County Fire Authority for review and<br>comment and to the CPM for review and approval. The<br>project owner shall also collaborate with the Orange<br>County Fire Authority to assist the development of<br>standard operating procedures for first responders to<br>implement when confronting a fire occurring within the<br>lithium ion ESS located on site. | copy of letter from UL stating that<br>the design drawings for the ESS<br>have been reviewed and meet UL<br>9540 requirements for performing<br>a field certification to the CBO   | Letter from UL to CBO  | At least 60 days prior<br>to the start of<br>construction of the<br>BESS | 11/1/2019 |                       | Not Started   |                      |                                 |                             |                     | (Ref only)                             |                         |                              |                                  |                                       | SERC                 | GAL                     |
| WORKER<br>SAFETY<br>424         | WORKER<br>SAFETY-8e       | CONS         | Letter to OCFA - See WORKERSAFETY-8a   | The project owner shall provide a<br>copy of a letter sent from the<br>project owner to the OCFA<br>offering collaboration and<br>assistance in developing standard<br>operating procedures for first<br>responders to deal with any<br>lithium ion battery fires occurring<br>at the project site.                                  | Copy of letter to OCFA<br>offering to develop<br>procedures                            | At least 60 days prior<br>to commissioning of<br>BESS                    | 1/30/2020 | -                     |   |                      |                                 |                             |                     |  |                         |                              |                                  |                                       | SERC                 | GAL                     |
| WORKER<br>SAFETY<br>425         | WORKER<br>SAFETY-<br>8e.1 | CONS         | Letter to OCFA - See WORKERSAFETY-8a   | The project owner shall provide a<br>copy of a letter sent from the<br>project owner to the OCFA<br>offering collaboration and<br>assistance in developing standard<br>operating procedures for first<br>responders to deal with any<br>lithium ion battery fires occurring<br>at the project site to the CBO for<br>reference only. | offering to develop<br>procedures, to CBO for<br>reference only.                       | to commissioning of  | 1/30/2020 |                       |   |                      |                                 |                             |                     | (Ref only)                             |                         |                              |                                  |                                       | SERC                 | GAL                     |
|                                 | WORKER<br>SAFETY-8f       |              | Final UL Certification of ESS - See WORKERSAFETY-8a  | The project owner shall provide a<br>copy of the final completed UL<br>9540 certification of the ESS to the<br>CPM   | of ESS to CPM.   | Prior to the start of<br>BESS commissioning                              | 4/14/2020 |                       | Not Started   |                      |                                 |                             |                     |  |                         |                              |                                  |                                       | SERC                 | GAL                     |
|                                 | WORKER<br>SAFETY-8f.1     |              | Final UL Certification of ESS - See WORKERSAFETY-8a  | The project owner shall provide a<br>copy of the final completed UL<br>9540 certification of the ESS to the<br>CBO.  | of ESS to CBO for  | Prior to the start of<br>BESS commissioning                              | 4/14/2020 |                       |   |                      |                                 |                             |                     | (Ref only)                             |                         |                              |                                  |                                       | SERC                 | GAL                     |

Attachment 3 – Air Quality

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## Memorandum

2600 Michelson Drive, Suite 500 Irvine, CA 92612 United States www.jacobs.com

| Subject      | Stanton Energy Reliability Center (16-AFC-1C)<br>Air Quality Monthly Compliance Report<br>November 2019                  |
|--------------|--|
| Project Name | Stanton Energy Reliability Center (SERC) (16-AFC-1C)   |
| Attention    | Tim Bofman, SERC, LLC  |
| From         | Hong Zhuang, Jacobs<br>SERC CEC Designated Air Quality Construction Mitigation Manager                                   |
| Date         | December 9, 2019   |
| Copies to    | Mike Malsy, Wellhead<br>John Kimble, Wellhead<br>Sharon Stureman, SERC, LLC<br>Doug Davy, Jacobs<br>Karen Parker, Jacobs |

This Monthly Compliance Report (MCR) summarizes the activities conducted at the Stanton Energy Reliability Center (SERC site) and the Southern California Edison's SERC 66KV Interconnection Project site (SCE site) in November 2019 to demonstrate compliance with California Energy Commission Conditions of Certification (COCs) for air quality AQ-SC3, AQ-SC4, and AQ-SC5. The required documentation for these COCs is provided in the sections below.

## **AQ-SC3 Construction Fugitive Dust Control**

AQ-SC3 requires control measures to mitigate fugitive dust created by project construction activities. AQ-SC3 also requires that the MCR include the following:

- A summary of all actions taken to maintain compliance with this condition (including sweeping log entries)
- Copies of any complaints filed with the South Coast Air Quality Management District (SCAQMD or District)
- Any other documentation deemed necessary by the Compliance Project Manager (CPM), District, or Air Quality Construction Mitigation Manager (AQCMM) to verify compliance with this condition. Such information may be provided in electronic format or on disk media at the project owner's discretion

In November 2019, project construction activities occurred at both the SERC site and the SCE site. Fugitive dust was controlled primarily by maintaining vehicle speeds of 10 miles per hour or less on unpaved areas and applying water during soil disturbing activities. Signs have been posted at

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entrances to the construction site, limiting vehicle speeds to 10 miles per hour. To verify compliance with AQ-SC3, a fugitive dust control checklist was completed each day at each site. The daily field checklists for fugitive dust control and the sweeping logs are provided in Attachment A1 and A2 for the SERC site and SCE site, respectively, and are summarized in Table 1 below.

Table 1. Fugitive Dust Control Measures

AQ-SC3

| Implementation Measure  | Out of Compliance-<br>Trigger   | In Compliance-Trigger <sup>a</sup>  | Results During<br>Compliance Period   |
|---|---|---|---|
| All main access roads onsite are paved or stabilized  | No – Dust plumes<br>originating from access<br>roads                      | Yes – No dust plumes<br>originating from access<br>roads                        | Yes – In compliance   |
| All unpaved roads of the construction<br>site are watered as frequently as<br>necessary to prevent dust plume   | No – Dust plumes<br>originating from unpaved<br>roads                     | Yes – No dust plumes<br>originating from unpaved<br>roads                       | Yes – In compliance   |
| All disturbed areas of the construction<br>site are watered as frequently as<br>necessary to prevent dust plume | No – Dust plumes<br>originating from disturbed<br>areas                   | Yes – No dust plumes<br>originating from<br>disturbed areas                     | Yes – In compliance   |
| Maximum speed limit of 10 miles per<br>hour on unpaved surfaces   | No – Vehicles exceeding<br>10 miles per hour on<br>unpaved areas          | Yes – vehicles travel 10<br>miles per hour or less on<br>unpaved areas          | Yes – In compliance   |
| Visible speed limit signs posted at<br>construction site entrances  | No – No signs posted  | Yes – Signs posted  | Yes – In compliance. Ten<br>miles per hour speed limit<br>is posted.  |
| Wheel inspection or wash stations in place  | No – Track-out into<br>roadways not managed                               | Yes – No track-out<br>observed or track-outs<br>were cleaned up<br>immediately. | Yes – In compliance.<br>Additional measures were<br>implemented to clean up<br>track-out. Tire cleaning to<br>be conducted if needed. |
| At least 20-foot-long gravel ramps at wheel inspection / wash stations  | No – 20-foot-long gravel<br>ramps not present                             | Yes – 20-foot-long<br>gravel ramps present                                      | Not applicable (NA) –<br>Shaker plates installed.<br>Gravel ramps are installed<br>as needed.   |
| All unpaved exits are graveled or treated   | No – Dirt entering<br>roadways  | Yes – No dirt entering<br>roadways  | Yes – In compliance.<br>Shaker plates were<br>installed at the unpaved<br>exit. Gravel ramp is added.                                 |
| Entrance limited to treated roadways  | No – Entrance not limited   | Yes – Entrance limited  | Yes – In compliance   |
| Storm Water Pollution Prevention Plan<br>(SWPPP) control measures<br>implemented                                | No – Contaminated storm<br>water runoff found in<br>roadways              | Yes – No contaminated<br>storm water runoff found<br>in roadways                | Yes – In compliance. Best<br>Management Practices<br>(BMPs) are installed.  |
| Paved roads within the site swept as needed   | No – Dirt / debris<br>accumulated   | Yes – Site clean  | Yes – In compliance   |
| At least 500 feet of any paved roadway exiting site swept as needed   | No – visible dirt within 500<br>feet of roadway entrance                  | Yes – No dirt observed  | Yes – In compliance   |
| Soil storage piles and disturbed areas inactive for more than 10 days are covered or treated                    | No – Dust plumes<br>originating from storage<br>piles and disturbed areas | Yes – No dust plumes<br>from storage piles and<br>disturbed areas               | Yes – In compliance   |
| Bulk material transport offsite is<br>covered or treated and loaded with at<br>least two feet of freeboard      | No – Visible emissions<br>from bulk material<br>transport                 | Yes – No visible<br>emissions from bulk<br>material transport                   | Yes – In compliance   |
| Wind erosion control techniques used<br>for disturbed, unstabilized construction<br>areas                       | No – Visible dust from<br>disturbed, unstabilized<br>construction Areas   | Yes – No visible dust<br>from disturbed,<br>unstabilized construction<br>areas  | Yes – In compliance. Wind breaks installed as needed  |

<sup>a</sup>Site is noted as in compliance if the activity did not occur during the compliance period.



## **AQ-SC4** Dust Plume Response Requirement

AQ-SC4 requires that all construction activities be monitored for visible dust plumes. This condition also requires that additional dust mitigation measures be implemented if visible dust plumes that have the potential to be transported off the project site and within 100 feet upwind of any regularly occupied structure are observed. AQ-SC4 requires that the MCR include the following:

- A summary of all actions taken to maintain compliance with this condition
- Copies of any complaints filed with the District in relation to project construction; and any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk media at the project owner's discretion.

Visible dust plumes with the potential to be transported offsite were not observed in November 2019 at the two construction sites. No air quality-related complaints were received during this reporting period.

## **AQ-SC5 Diesel-Fueled Engine Control**

AQ-SC5 requires that all off-road diesel construction equipment used on the project be powered by the cleanest engines available that also comply with California Air Resources Board's (CARB) Regulation for In-Use Off-Road Diesel Fleets. AQ-SC5 requires that the MCR include the following:

- A summary of all actions taken to control diesel construction related emissions
- A list of all heavy equipment used on site during that month, including the owner of the equipment and a letter from each owner indicating that the equipment has been properly maintained
- Any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk media at the project owner's discretion.

The following off-road diesel equipment was used at the two sites in November 2019 and tagged to indicate compliance with AQ-SC5:

| Manufacturer | Equipment Name               | EIN    |  |  |  |
|--------------|------------------------------|--------|--|--|--|
|              | SERC Site                    |        |  |  |  |
| CAT          | Rough Terrain Forklift       | SF7A56 |  |  |  |
| CAT          | 308E2 Excavator              | DA7T55 |  |  |  |
| CAT          | 259D Skid Steer loader       | JX4T34 |  |  |  |
| Deere        | 210l Skip Loader             | WK9J63 |  |  |  |
| Genie        | 5K Reach Fork                | JW5N58 |  |  |  |
| Grove        | GRT880 Crane                 | XG7V58 |  |  |  |
| JCB          | 507-42                       | RV7M68 |  |  |  |
| JLG          | 60' Boom Lift                | LR7P73 |  |  |  |
| JLG          | 6042 T4F 6K Reach Forklift   | HN6U33 |  |  |  |
| JLG          | 600AJ Articulating Boom Lift | NL7M56 |  |  |  |
| JLG          | 860SJ 85' Boom lift          | SG9H76 |  |  |  |
| JLG          | Boom Lift                    | XM8N56 |  |  |  |
| JLG          | 800AJ Boom Lift              | SX6J96 |  |  |  |



| Manufacturer | Equipment Name                        | EIN    |
|--------------|---------------------------------------|--------|
| JLG          | 660SJ Boom Lift                       | JJ6V59 |
| Manitowoc    | Manitowoc 999                         | TX5P83 |
| Xtreme       | XR1255 Forklift                       | VC6G63 |
| Xtreme       | XR2045 Forklift                       | VT6H48 |
|              | SCE Site – Substation/Sub-transmissio | on     |
| Bobcat       | \$770                                 | VD5L46 |
| Bobcat       | E32                                   | JX8N65 |
| Caterpillar  | 450F                                  | UU6G94 |
| Caterpillar  | 450                                   | MU4K93 |
| Caterpillar  | 450                                   | TL8K73 |
| GEHL         | RS5-19                                | NW8R57 |
| JLG          | 1732                                  | YL6547 |
| SNORKEL      | AB60J                                 | EX9H48 |
| SNORKEL      | AB-85R                                | JY8C64 |
| SNORKEL      | A46JRT                                | GP3K57 |
| SNORKEL      | A46JRT                                | NL4F64 |

Attachments B1 and B2 provides a table summarizing information about the engines, including the CARB Engine Identification Number (EIN), tier, and the dates the equipment was used on the two project sites. Attachments B1 and B2 also contain the AQ-SC5 daily field checklists for off-road diesel engines used at the two sites and letters from the equipment owners indicating the equipment has been properly maintained. Maintenance letters for four pieces of equipment at the SCE site were not available at the time this report was prepared. These letters will be submitted as an addendum or with December's report when they are available.

Attachment A1 Documentation of AQ-SC3 Compliance (SERC Site)

AQCMM or Delegate nar

AQCMM or Delegate signature:

11/1/2019 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ Υ Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Υ Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Υ Are equipment and vehicles using designated onsite roads? Υ Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of N/A freeboard prior to leaving the project site? Υ Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).

\* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

Form: SERC-CAQ-001

. . . . . . .

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:10:09

|     | Mike Malsy |
|-----|------------|
| me: | -          |

AQCMM or Delegate name:

AQCMM or Delegate signature:

November 4, 2019

Jon Kimble

Jon Kimble Digitally signed by Jon Kimble Date: 2019.11.04 15:48:21 -08'00'

Date:

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item  | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|---|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?   | Y                    |   |
| Are speed limit signs posted at the main entrances?   | Y                    |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?  | Y                    |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?   | Y                    |   |
| Are unpaved exits graveled or treated to prevent track-out?   | Y                    |   |
| Are equipment and vehicles using designated onsite roads?   | Y                    |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*   | Y                    |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?  | Y                    |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?  | N/A                  |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?   | Y                    |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?   | Y                    |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b><br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003). | N                    |   |

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:11:15 -08'00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item  | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|---|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?   | Y                    |   |
| Are speed limit signs posted at the main entrances?   | Y                    |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?  | Y                    |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?   | Y                    |   |
| Are unpaved exits graveled or treated to prevent track-out?   | Y                    |   |
| Are equipment and vehicles using designated onsite roads?   | Y                    |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*   | Y                    |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?  | Y                    |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?  | Y                    |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?   | N/A                  |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?   | Y                    |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b> (Form SERC-CAQ-003). | N                    |   |

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:11:43

AQCMM or Delegate signature:

11/6/2019 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ Υ Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Υ Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Υ Are equipment and vehicles using designated onsite roads? Υ Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of N/A freeboard prior to leaving the project site? Υ Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:12:37 -08'00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_\_11/7/2019

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ Υ Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Υ Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Υ Are equipment and vehicles using designated onsite roads? Υ Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of N/A freeboard prior to leaving the project site? Υ Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).

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ADDITIONAL NOTES:

AQCMM or Delegate name:

AQCMM or Delegate signature:

11/8/2019

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ Υ Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Υ Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Υ Are equipment and vehicles using designated onsite roads? Υ Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of N/A freeboard prior to leaving the project site? Υ Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).

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ADDITIONAL NOTES:

Form: SERC-CAQ-001

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:13:21 -08:00'

Date:

AQCMM or Delegate name:

AQCMM or Delegate signature:

11/11/2019 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ Υ Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Υ Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Υ Are equipment and vehicles using designated onsite roads? Υ Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of N/A freeboard prior to leaving the project site? Υ Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).

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ADDITIONAL NOTES:

Form: SERC-CAQ-001

# Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:14:37 -08:00'

Mike Malsy AQCMM or Delegate name:

AQCMM or Delegate signature:

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:15:09 -08'00'

Date: \_\_\_\_\_

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item  | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|---|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?   | Y                    |   |
| Are speed limit signs posted at the main entrances?   | Y                    |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?  | Y                    |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?   | Y                    |   |
| Are unpaved exits graveled or treated to prevent track-out?   | Y                    |   |
| Are equipment and vehicles using designated onsite roads?   | Y                    |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*   | Y                    |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?  | Y                    |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?  | Y                    |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?   | N/A                  |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?   | Y                    |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b><br><b>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b><br><b>(Form SERC-CAQ-003).</b> | N                    |   |

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:15:51 -08'00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|--|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?  | Y                    |   |
| Are speed limit signs posted at the main entrances?  | Y                    |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?   | Y                    |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?  | Y                    |   |
| Are unpaved exits graveled or treated to prevent track-out?  | Y                    |   |
| Are equipment and vehicles using designated onsite roads?  | Y                    |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*  | Y                    |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | Y                    |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?   | Y                    |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?  | N/A                  |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?  | Y                    |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? If yes, implement the dust<br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003). | N                    |   |

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ADDITIONAL NOTES:

AQCMM or Delegate name:

AQCMM or Delegate signature:

11/14/2019 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ Υ Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Υ Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Υ Are equipment and vehicles using designated onsite roads? Υ Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of N/A freeboard prior to leaving the project site? Υ Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).

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ADDITIONAL NOTES:

Form: SERC-CAQ-001

# Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:16:19 -08:00'

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Date: 2019.12.02 04:16:53

AQCMM or Delegate signature:

Date: \_\_\_\_\_

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item  | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|---|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?   | Y                    |   |
| Are speed limit signs posted at the main entrances?   | Y                    |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?  | Y                    |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?   | Y                    |   |
| Are unpaved exits graveled or treated to prevent track-out?   | Y                    |   |
| Are equipment and vehicles using designated onsite roads?   | Y                    |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*   | Y                    |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?  | Y                    |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?  | Y                    |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?   | N/A                  |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?   | Y                    |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b><br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003). | N                    |   |

\* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

Mike Malsy AQCMM or Delegate name:

AQCMM or Delegate signature:

Michael Malsy Date: 2019.12.02 04:17:52

Date: \_\_\_\_\_

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item  | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|---|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?   | Y                    |   |
| Are speed limit signs posted at the main entrances?   | Y                    |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?  | Y                    |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?   | Y                    |   |
| Are unpaved exits graveled or treated to prevent track-out?   | Y                    |   |
| Are equipment and vehicles using designated onsite roads?   | Y                    |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*   | Y                    |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?  | Y                    |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?  | Y                    |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?   | N/A                  |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?   | Y                    |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b><br><b>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b><br><b>(Form SERC-CAQ-003).</b> | N                    |   |

\* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

AQCMM or Delegate name:

AQCMM or Delegate signature:

11/19/2019 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ Υ Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Υ Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Υ Are equipment and vehicles using designated onsite roads? Υ Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of N/A freeboard prior to leaving the project site? Υ Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).

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ADDITIONAL NOTES:

Form: SERC-CAQ-001

# Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:18:18 -08:00'

AQCMM or Delegate name:

AQCMM or Delegate signature:

11/20/2019 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ Υ Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Υ Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Υ Are equipment and vehicles using designated onsite roads? Υ Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of N/A freeboard prior to leaving the project site? Υ Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).

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ADDITIONAL NOTES:

Form: SERC-CAQ-001

# Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project

| name:      | ,             |   |
|------------|---------------|---|
| signature: | Michael Malsy | Digitally signed by Michael Malsy<br>Date: 2019.12.02 04:19:30<br>-08'00' |

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Date: 2019.12.02 04:20:02 -08'00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item  | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|---|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?   | Y                    |   |
| Are speed limit signs posted at the main entrances?   | Y                    |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?  | Y                    |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?   | Y                    |   |
| Are unpaved exits graveled or treated to prevent track-out?   | Y                    |   |
| Are equipment and vehicles using designated onsite roads?   | Y                    |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*   | Y                    |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?  | Y                    |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?  | Y                    |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?   | N/A                  |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?   | Y                    |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b><br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003). | N                    |   |

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:20:37 -08:00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_\_11/22/2019

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ Υ Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Υ Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Υ Are equipment and vehicles using designated onsite roads? Υ Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of N/A freeboard prior to leaving the project site? Υ Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).

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ADDITIONAL NOTES:

AQCMM or Delegate name:

AQCMM or Delegate signature:

11/25/2019

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ Υ Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Υ Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Υ Are equipment and vehicles using designated onsite roads? Υ Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of N/A freeboard prior to leaving the project site? Υ Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).

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ADDITIONAL NOTES:

Form: SERC-CAQ-001

# Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:21:18 -08:00'

Date:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:21:43

AQCMM or Delegate signature:

11/26/2019 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ Υ Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Υ Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Υ Are equipment and vehicles using designated onsite roads? Υ Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of N/A freeboard prior to leaving the project site? Υ Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:22:31

AQCMM or Delegate signature:

11/27/2019 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ Υ Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? Υ Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? Are unpaved exits graveled or treated to prevent track-out? Υ Are equipment and vehicles using designated onsite roads? Υ Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of N/A freeboard prior to leaving the project site? Υ Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).

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ADDITIONAL NOTES:

| Month/Ye | 9.019           | Sweepi | ing Area Sweep | ing Area (Check | - Oranta Cimatura |                    |       |
|----------|-----------------|--------|----------------|-----------------|-------------------|--------------------|-------|
| Date     | Time            | Onsite | Fern           | Pacific         | Dale              | Operator Signature | Notes |
| 21-1-1   | 1               |        |                | • · · · =       |                   | the ph             |       |
| 11.1-1"  | 145             |        |                |                 |                   | lula               |       |
| 11.4     | 19/020          |        |                |                 |                   | Kill               |       |
| 115.10   | 1               |        |                |                 | -                 | Kuc/K              |       |
| 11.5.10  |                 |        | 1              |                 |                   | Karlk              |       |
| 11.6.10  | 945             |        |                |                 |                   | Math               |       |
| ( 61     | 9 200           |        |                |                 |                   | Kuft               |       |
| 11.7.1   | 1 1             |        |                |                 |                   | RA                 |       |
| 11.8.    | 9 200<br>9 1015 |        |                |                 |                   | Paul .             |       |
| 11-8-1   | 1               |        |                |                 |                   | KUL<br>KM          |       |
| 11.12.10 |                 |        |                |                 |                   | Lap                |       |
| 11.12.1  |                 |        |                | 1               | -                 | lull               |       |
|          |                 |        |                |                 |                   |                    |       |
|          |                 |        |                |                 |                   |                    |       |

#### Sweeping Log

Sweeping Log

| Month/Year:<br>NCV 2019 |         | Sweepi | ng <b>Ar</b> ea Sweep                 | ing Area (Checl | (if Swept)   |                    |                                       |
|-------------------------|---------|--------|---------------------------------------|-----------------|--|--------------------|---------------------------------------|
| Date                    | Time    | Onsite | Fern                                  | Pacific         | Dale   | Operator Signature | Notes                                 |
| 11.13.1                 | 9 1000  |        | · · · · · · · · · · · · · · · · · · · |                 | Physical activity of equipality of the state of the second   | le le              |                                       |
| 11-13-19                |         |        |                                       |                 | yangkan 2200 - an berer - an an ar a   | Carlo              |                                       |
| 11-14.1                 | 9 1030  |        |                                       |                 |  | Kelk               | · · · · · · · · · · · · · · · · · · · |
|                         | 200     |        |                                       |                 | **************************************   | Kunt               | ·····                                 |
|                         | 9 1030  |        |                                       |                 |  | Kulk               |                                       |
|                         | 200     |        |                                       |                 |  | - Martine -        |                                       |
| 11.18.                  | 19 1040 |        | · · · · · · · · · · · · · · · · · · · |                 |  | the fine           |                                       |
| 11.10.1                 |         |        |                                       |                 |  | land               |                                       |
| 11-20                   |         |        |                                       |                 |  | In1p               |                                       |
| 11-201                  |         |        |                                       |                 | And the second s | Kink               |                                       |
| <u>//·21-/</u>          | 9 1020  |        |                                       |                 | **:  | Kull               |                                       |
| <u>//·27·/</u>          | /       |        |                                       |                 | · · · · · · · · · · · · · · · · · · ·  | - A.K              |                                       |
| <u> </u>                | \$ 1020 |        |                                       |                 |  | Kulh               |                                       |
| 11:22-1                 |         |        |                                       |                 |  | tank               |                                       |
| 11:25,                  | \$ 1030 |        |                                       |                 |  | lall               |                                       |
| 11.25                   | 5 200   |        |                                       |                 |  | - Competition      |                                       |
| $\sim$                  | + -     | $\sim$ |                                       | $\sim$          | $ \frown $   |                    |                                       |

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Sweeping Log

| Month/Year:<br><i>Nov 2019</i> |                            | Sweeping Area Sweeping Area (Check if Swept) |      |         |  |                    |       |
|--------------------------------|----------------------------|--|------|---------|--|--------------------|-------|
| Date                           | Time                       | Onsite                                       | Fern | Pacific | Dale   | Operator Signature | Notes |
| 11.26.19                       | 1040<br>9-00<br>750<br>900 |  |      |         | Derignation and the second design of the second des | 1011               |       |
| 11.26.19                       | 200                        | -  |      |         | <b>6</b>   | Kail<br>Kail       |       |
| 11:27:19                       | 750                        |  |      |         | Carlo average and a second sec | Maile              |       |
| 11.27.19                       | 900                        |  |      |         | ♦ Manual Apparation States (Manual Apparation Appar     | Main               |       |
|                                |                            |  |      |         |  |                    |       |
|                                |                            |  |      |         |  |                    |       |
|                                |                            |  |      |         |  |                    |       |
|                                |                            |  |      |         |  |                    |       |
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|                                |                            |  |      |         |  |                    |       |
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|                                |                            |  |      |         |  |                    |       |
|                                |                            |  |      |         |  |                    |       |

| ·                 |      |        |                | Sweepin         | g Log     |                    |       |          |
|-------------------|------|--------|----------------|-----------------|-----------|--------------------|-------|----------|
| Month/Year<br>ルクレ |      | Sweep  | ing Area Sweep | ing Area (Check | if Swept) | Operator Signature | Notes |          |
| Date              | Time | Onsite | Fern           | Pacific         | Dale      |                    | Notes |          |
| 11-6-14           | 2:15 | L      | ~              | r               |           | Shareh             |       |          |
| 11/14/19          | 2:15 | X      | X              | Ý               |           | 1. Bottle          |       |          |
| 11-20-19          |      | V      | V              | 1               |           | A. Shack           |       |          |
|                   |      |        |                |                 | ·         | 9                  |       | _        |
|                   |      |        |                |                 |           |                    |       |          |
|                   |      |        |                |                 |           |                    |       |          |
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|                   |      |        |                |                 |           |                    |       |          |
|                   |      |        |                |                 |           |                    |       |          |

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# Attachment A2 Documentation of AQ-SC3 Compliance (SCE Site)

AQCMM or Delegate name: \_\_\_\_\_

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_\_

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|--|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?  | У                    |   |
| Are speed limit signs posted at the main entrances?  | У                    |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?   | У                    |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?  | n/a                  |   |
| Are unpaved exits graveled or treated to prevent track-out?  | n/a                  |   |
| Are equipment and vehicles using designated onsite roads?  | У                    |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*  | У                    | Sweeping on site as needed                                    |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | n/a                  |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?   | У                    |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?  | У                    | Exporting material today                                      |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?  | У                    |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? If yes, implement the dust<br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003). | n                    |   |

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ADDITIONAL NOTES:

"Due to technical problems, an e-signature could not be used. I hereby acknowledge that I authored these documents and my type-written name serves in place of my signature."

Robert Dixon

Robert Dixon AQCMM or Delegate name:

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|--|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?  | У                    |   |
| Are speed limit signs posted at the main entrances?  | У                    |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?   | У                    |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?  | n/a                  |   |
| Are unpaved exits graveled or treated to prevent track-out?  | n/a                  |   |
| Are equipment and vehicles using designated onsite roads?  | У                    |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*  | У                    | Sweeping on site as needed                                    |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | n/a                  |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?   | У                    |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?  | У                    | Exporting material today                                      |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?  | У                    |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? If yes, implement the dust<br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003). | n                    |   |

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Date: \_\_\_\_

Response - - - - -... ... . .

AQCMM or Delegate signature: <u>Robert Dixon</u>

Robert Dixon

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item  | (yes/no) | If no, describe corrective action required and/or in progress |
|---|----------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?   | У        |   |
| Are speed limit signs posted at the main entrances?   | У        |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?  | У        |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?   | n/a      |   |
| Are unpaved exits graveled or treated to prevent track-out?   | n/a      |   |
| Are equipment and vehicles using designated onsite roads?   | У        |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*   | у        | Sweeping on site as needed                                    |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?  | n/a      |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?  | У        |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?   | у        | Exporting material today                                      |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used<br>on construction areas that may be disturbed?  | У        |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b><br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003). | n        |   |

\* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

"Due to technical problems, an e-signature could not be used. I hereby acknowledge that I authored these documents and my type-written name serves in place of my signature."

AQCMM or Delegate name:

AQCMM or Delegate signature: <u>Robert Dixon</u>

Date: \_\_\_\_\_

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item  | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|---|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?   | У                    |   |
| Are speed limit signs posted at the main entrances?   | У                    |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?  | У                    |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?   | n/a                  |   |
| Are unpaved exits graveled or treated to prevent track-out?   | n/a                  |   |
| Are equipment and vehicles using designated onsite roads?   | У                    |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*   | У                    | Sweeping on site as needed                                    |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?  | n/a                  |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?  | У                    |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?   | У                    | Exporting material today                                      |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?   | У                    |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b><br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003). | n                    |   |

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ADDITIONAL NOTES:

"Due to technical problems, an e-signature could not be used. I hereby acknowledge that I authored these documents and my type-written name serves in place of my signature."

Robert Dixon

Robert Dixon AQCMM or Delegate name:

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|--|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?  | У                    |   |
| Are speed limit signs posted at the main entrances?  | У                    |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?   | У                    |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?  | n/a                  |   |
| Are unpaved exits graveled or treated to prevent track-out?  | n/a                  |   |
| Are equipment and vehicles using designated onsite roads?  | У                    |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*  | У                    | Sweeping on site as needed                                    |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | n/a                  |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?   | У                    |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?  | У                    | Exporting material today                                      |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?  | У                    |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? If yes, implement the dust<br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003). | n                    |   |

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ADDITIONAL NOTES:

Robert Dixon AQCMM or Delegate name:

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|--|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?  | у                    |   |
| Are speed limit signs posted at the main entrances?  | У                    |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?   | У                    |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?  | n/a                  |   |
| Are unpaved exits graveled or treated to prevent track-out?  | n/a                  |   |
| Are equipment and vehicles using designated onsite roads?  | У                    |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*  | У                    | Sweeping on site as needed                                    |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | n/a                  |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?   | У                    |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?  | n/a                  |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?  | У                    |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? If yes, implement the dust<br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003). | n                    |   |

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ADDITIONAL NOTES:

Robert Dixon AQCMM or Delegate name:

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item  | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|---|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?   | У                    |   |
| Are speed limit signs posted at the main entrances?   | У                    |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?  | У                    |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?   | n/a                  |   |
| Are unpaved exits graveled or treated to prevent track-out?   | n/a                  |   |
| Are equipment and vehicles using designated onsite roads?   | У                    |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*   | У                    | Sweeping on site as needed                                    |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?  | n/a                  |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?  | У                    |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?   | n/a                  |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?   | У                    |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b><br><b>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b><br><b>(Form SERC-CAQ-003).</b> | n                    |   |

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ADDITIONAL NOTES:

Jason Crumb AQCMM or Delegate name: afor ound AQCMM or Delegate signature: 11/12/19 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) [If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? yes Are speed limit signs posted at the main entrances? yes Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? ves Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? yes Are unpaved exits graveled or treated to prevent track-out? yes Are equipment and vehicles using designated onsite roads? ves Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept yes as needed?\* Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? yes Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with yes dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of yes freeboard prior to leaving the project site? Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used yes on construction areas that may be disturbed? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet no beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).

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ADDITIONAL NOTES:

Jason Crumb AQCMM or Delegate name: ason crumb AQCMM or Delegate signature: 11/13/19 Date:

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|--|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?  | yes                  |   |
| Are speed limit signs posted at the main entrances?  | yes                  |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?   | yes                  |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?  | yes                  |   |
| Are unpaved exits graveled or treated to prevent track-out?  | yes                  |   |
| Are equipment and vehicles using designated onsite roads?  | yes                  |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*  | yes                  |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | yes                  |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with<br>dust suppressant compounds?  | yes                  |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of<br>freeboard prior to leaving the project site?   | yes                  |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used<br>on construction areas that may be disturbed?   | yes                  |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? If yes, implement the dust<br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>[Form SERC-CAQ-003]. | no                   |   |

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ADDITIONAL NOTES:

Jason Crumb AQCMM or Delegate name: Josen Cump AQCMM or Delegate signature: Date: 11/14/19 1

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item  | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|---|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?   | yes                  |   |
| Are speed limit signs posted at the main entrances?   | yes                  |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?  | yes                  |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?   | yes                  |   |
| Are unpaved exits graveled or treated to prevent track-out?   | yes                  |   |
| Are equipment and vehicles using designated onsite roads?   | yes                  |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*   | yes                  |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?  | yes                  |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with<br>dust suppressant compounds?   | yes                  |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of reeboard prior to leaving the project site?  | yes                  |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used<br>on construction areas that may be disturbed?  | yes                  |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b><br>solume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>Form SERC-CAQ-003). | no                   |   |

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Jason Crumb

11/15/19 Date:

: Japan and AQCMM or Delegate signature:

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response<br>(yes/no) | If no, describe corrective action required and/or in progress |
|--|----------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?  | yes                  |   |
| Are speed limit signs posted at the main entrances?  | yes                  |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?   | yes                  |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?  | yes                  |   |
| Are unpaved exits graveled or treated to prevent track-out?  | yes                  |   |
| Are equipment and vehicles using designated onsite roads?  | yes                  |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*  | yes                  |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | yes                  |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with<br>dust suppressant compounds?  | yes                  |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of<br>freeboard prior to leaving the project site?   | yes                  |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used<br>on construction areas that may be disturbed?   | yes                  |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? If yes, implement the dust<br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003). | no                   |   |

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ADDITIONAL NOTES:

| AQCMM or Delegate name: Ignauo, Lamborn Th |
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| AQCMM or Delegate signature:               |
| Date:                                      |

Form: SERC-66KV\_CAQ-001 (subtransmission)

|   | Response      |   |
|---|---------------|---|
| Construction Fugitive Dust Control (AQ-SC3) Checklist Item  |               |   |
| Are all unpaved roads and disturbed areas watered as frequently as necessary?   | yes.          | If no, describe corrective action required and/or in progress |
| Are speed limit signs posted at the main entrances?   | yes.          |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?  | MCS -         |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?   | wes-          |   |
| Are unpaved exits graveled or treated to prevent track-out?   |               |   |
| Are equipment and vehicles using designated onsite roads?   | yes.<br>W.S.  |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*   | Ves-          |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?  | +             |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with<br>dust suppressant compounds?   | yes.<br>ness. |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of<br>freeboard prior to leaving the project site?  | nes.          |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used<br>on construction areas that may be disturbed?  | ves.          |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).  | NO.           |   |
| * The use of devices the state of the state |               |   |

The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

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| AQCMM or Delegate name:      | Iquaio Newlann Fr. |
|------------------------------|--------------------|
| AQCMM or Delegate signature: | The                |
| Date:[[15][1*[ .             |                    |

Form: SERC-66KV\_CAQ-001 (subtransmission)

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item  | Response |   |
|---|----------|---|
|   | (yes/no) | If no, describe corrective action required and/or in progress |
| Are all unpaved roads and disturbed areas watered as frequently as necessary?   | neg      |   |
| Are speed limit signs posted at the main entrances?   | - mr /   |   |
| Are vehicle time in a second | 745      |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?  | 1105     |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?   | yes      |   |
| Are unpaved exits graveled or treated to prevent track-out?   | 0        |   |
| Are equipment and vehicles using designated onsite roads?   | yes      |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*   | yes      |   |
|   | 415      |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?  | 1109     |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?  | ye5      |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?   | yes      |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used<br>on construction areas that may be disturbed?  | wes.     |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet   | - 1      |   |
| beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any  |          |   |
| regularly occupied structures not owned by the project owner? If yes, implement the durt  | 10       |   |
| plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003).   | NO       |   |
|   | 1 1      |   |

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ADDITIONAL NOTES:

Artabartana (Shekaraa ana a

| AQCMM or Delegate name:      | emocio Lambaren Ju |
|------------------------------|--------------------|
| AQCMM or Delegate signature: | Flut               |
| Date: 11 18 19               | · // ·             |

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Form: SERC-66KV\_CAQ-001 (subtransmission)

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|   | Response   |   |
|---|------------|---|
| Construction Fugitive Dust Control (AQ-SC3) Checklist Item  | (yes/no)   | If no, describe corrective action required and/or in progress |
| Are all unpaved roads and disturbed areas watered as frequently as necessary?   | 145        | in the describe confective action required and/or in progress |
| Are speed limit signs posted at the main entrances?   |            |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?  | 415        |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?   |            |   |
| Are unpaved exits graveled or treated to prevent track-out?   | yes_       |   |
| Are equipment and vehicles using designated onsite roads?   | iver .     |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*   | syes_      |   |
|   | 445        |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?  | yes        |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with<br>dust suppressant compounds?   | 0          |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of<br>freeboard prior to leaving the project site?  | yes<br>nes |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used<br>on construction areas that may be disturbed?  | 0          |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet   | yes        |   |
| beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of each   | V          |   |
| regularly occupied structures not owned by the project owner? If yes, implement the dust<br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003). | NO         |   |
| * The use of Jenset 1 h   | •          |   |

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ADDITIONAL NOTES:

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|-----------------------------|------------------------|
| AQCMM or Delegate name:     | - Ignacion Lymbaren fe |
| AQCMM or Delegate signature | Iw                     |
| Date: 11 19 29              | V                      |
| ( )                         |                        |

Form: SERC-66KV\_CAQ-001 (subtransmission)

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response                 |   |
|--|--------------------------|---|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?  | Yels                     | If no, describe corrective action required and/or in progress |
| Are speed limit signs posted at the main entrances?  |                          |   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?   | yes                      |   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?  | Ner                      |   |
| Are unpaved exits graveled or treated to prevent track-out?  | Nes                      |   |
| Are equipment and vehicles using designated onsite roads?  | $  \mathbf{f}_{\cdot}  $ |   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*  | Yes<br>Nes               |   |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | 1                        |   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?   | yer<br>yes               |   |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of<br>freeboard prior to leaving the project site?   | ye/<br>nes               |   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used<br>on construction areas that may be disturbed?   | 1                        |   |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities or (2), with the former of the construction of linear facilities or (2).  | yes                      |   |
| beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003). | NO                       |   |
| * The use of dry rotary brushes is expressly probibited excent where proceeded or economical the effective   | L                        |   |

\* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

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AQCMM or Delegate name: <u>Iquorio</u> Lamboron Iu AQCMM or Delegate signature: <u>IMP</u> Date: \_\_\_\_\_\_\_

Form: SERC-66KV\_CAQ-001 (subtransmission)

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|  | Response   |
|--|--|
| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response<br>(yes/no) If no, describe corrective action required and/or in progress |
| Are all unpaved roads and disturbed areas watered as frequently as necessary?  | au s   |
| Are speed limit signs posted at the main entrances?  | with   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?   | wes  |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?  | nes  |
| Are unpaved exits graveled or treated to prevent track-out?  | 244.5  |
| Are equipment and vehicles using designated onsite roads?  | nes  |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*  | yes  |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | wes  |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with<br>dust suppressant compounds?  |  |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of<br>freeboard prior to leaving the project site?   | 1/1.5.<br>Ne>  |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used<br>on construction areas that may be disturbed?   | yes  |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>regularly occupied structures not owned by the project owner? If yes, implement the dust<br>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>(Form SERC-CAQ-003). | NO   |

\* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

Form: SERC-66KV\_CAQ-001 (subtransmission)

| Construction Evolution Durt Control (80, CO2) of a UK and  | Response   |
|--|--|
| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | (yes/no) If no, describe corrective action required and/or in progress |
| Are all unpaved roads and disturbed areas watered as frequently as necessary?  | nes  |
| Are speed limit signs posted at the main entrances?  | yes  |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?   | 1405   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?  | nes  |
| Are unpaved exits graveled or treated to prevent track-out?  | cues (   |
| Are equipment and vehicles using designated onsite roads?  | NCS .  |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*  | 145  |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | ries   |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with<br>dust suppressant compounds?  | Nes  |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of<br>freeboard prior to leaving the project site?   | wes  |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used<br>on construction areas that may be disturbed?   | nes  |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003). | NO   |

\* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

AQCMM or Delegate name: <u>IQUALION LAMPARAN</u> IN AQCMM or Delegate signature: <u>II/M</u> Date: <u>11/25/19</u>.

Form: SERC-66KV\_CAQ-001 (subtransmission)

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response<br>(yes/no) If no, describe corrective action required and/or in progress |
|--|--|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?  | yc7  |
| Are speed limit signs posted at the main entrances?  | Veg  |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?   | yes.   |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?  | ves  |
| Are unpaved exits graveled or treated to prevent track-out?  | yes  |
| Are equipment and vehicles using designated onsite roads?  | ves.   |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*  | yee  |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | ung .  |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with<br>dust suppressant compounds?  | Weg  |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of<br>freeboard prior to leaving the project site?   | wes  |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?  | uca .  |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003). | NO   |

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ADDITIONAL NOTES:

Form: SERC-66KV\_CAQ-001 (subtransmission)

| Construction Fugitive Dust Control (AQ-SC3) Checklist Item   | Response<br>(yes/no) If no, describe corrective action required and/or in progress |
|--|--|
| Are all unpaved roads and disturbed areas watered as frequently as necessary?  | 1K7  |
| Are speed limit signs posted at the main entrances?  | 1 ylty   |
| Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?   | yes -  |
| Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?  | yes  |
| Are unpaved exits graveled or treated to prevent track-out?  | ues  |
| Are equipment and vehicles using designated onsite roads?  | wer  |
| Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept<br>as needed?*   | uer .  |
| Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?   | ver  |
| Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with<br>dust suppressant compounds?  | wes -  |
| Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of<br>reeboard prior to leaving the project site?  | riet   |
| Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used<br>on construction areas that may be disturbed?   | yes .  |
| Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet<br>beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any<br>egularly occupied structures not owned by the project owner? If yes, implement the dust<br>blume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form<br>Form SERC-CAQ-003). | NO   |

\* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.

ADDITIONAL NOTES:

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# Appendix B1 Documentation of AQ-SC5 Compliance (SERC Site)

|                |                |                                  |          |                       |                                  | Equi       | pment              |                               |               |  |               | Engine             |              |            |                     |             |             |   |                                |  |
|----------------|----------------|----------------------------------|----------|-----------------------|----------------------------------|------------|--------------------|-------------------------------|---------------|--|---------------|--------------------|--------------|------------|---------------------|-------------|-------------|---|--------------------------------|--|
| Date_          | <u>Date</u>    | <u>CARB ID</u><br><u>6 digit</u> | SERC ID  | Manufacturer          | Model/Description                | Model Year | Serial Number      | <u>Owner</u>                  | <u>Renter</u> | Manufacturer                           | Engine Family | Engine Model       | Displacement | Model Year | Serial Number       | Diesel      | <u>Tier</u> | Engine Certification on File                      | Compliance Tag                 | <u>Notes</u>   |
| <u>Arrived</u> | <u>Removed</u> | <u>(EIN)</u>                     |          |                       |                                  |            |                    |                               |               |  |               |                    |              |            |                     | <u>(hp)</u> |             |   |                                |  |
| 2/4/2019       | Onsite         | VC6G63                           | SERC_001 | Xtreme                | XR1255 Forklift<br>DCA70SSIU4F - | 2016       | XR1255031693102    | ARB                           | N/A           | FPT Industrial S.P.A                   | FFPXK03.4FSD  | 854E-E34TA         | 3.4          | 2015       | JU82679-L025417     | 122         | T4          | u-r-015-0283                                      | Green tag issued 02/04/2019    | EO not available. Tier 4 verified based  |
| 2/20/2019      | 3/21/2019      | NA                               | SERC_002 | Multiquip             | Generator                        | 2015       | NA                 | United Rentals<br>D+S BACKHOE | ARB           | lsuzu                                  | JCEXL04.5AAJ  | BR-4JJ1x           | 2.9          | 2015       | 74402993            | 95.2        | T4          | NA  | Green tag issued 02/19/2019    | in engine specs.   |
| 2/20/2019      | 10/2/2019      | BX3T54                           | SERC_003 | CASE                  | 580 SN - BackHoe                 | 2014       | JJ6N585NLECT05659  | SERVICE                       | N/A           | FPT INDUSTRIAL                         | EFPX034DD     | FSHFL4ADD          | 207 CU IN    | 2014       | 215914              | 97          | T4          | u-r-015-0283                                      | Green tag issued 02/19/2019    |  |
| 2/20/2019      | 4/25/2019      | UG9N98                           | SERC_005 | CAT                   | Cat 966M wheel loader            | 2014       | KJP000570          | Ortiz                         | Ortiz         | CAT                                    | ECPYL09.3HTF  | C9.3               | 9.3          | 2014       | SYE01292            | 303         | 4F          | u-r-001-0479                                      | Green tag issued 02/27/2019    | on EPA NRCI data   |
| 2/20/2019      | 5/20/2019      | YS5A98                           | SERC_006 | CAT                   | 56S - 84" roller                 | 2014       | L8H00587           | Ortiz                         | Ortiz         | CAT                                    | DPKXL04.4Ml1  | C4.4               | NA           | 2013       | C7N11131            | 156.9       | 41          | NA  | Green tag issued 02/27/2019    | https://www.epa.gov/compliance-and-  |
| 2/25/2019      | 3/8/2019       | YV7D79                           | SERC_007 | Volvo                 | ECR2353I - Excavator             | 2017       | 310653             | Lalonde                       | Ortiz         | Deutz                                  | GDZXL05.7053  | D6J                | 5.702        | 2016       | 11974476            | 173         | 4           | u-r-013-0523                                      | Green tag issued 02/27/2019    |  |
| 2/27/2019      | 5/6/2019       | DL9A58                           | SERC_009 | Link-Belt             | 490X4                            | 2017       | LBX490Q7NGHEX1139  | Lalonde                       | Ortiz         | Isuzu Motors Limited<br>Perkins Engine | GSZXL09.8QXA  | 6UZ1               | NA           | 2016       | 527667              | 362         | 4           | u-r-006-0421                                      | Green tag issued 02/27/2019    |  |
| 2/26/2019      | 3/1/2019       | SK8574                           | SERC_010 | САТ                   | 450F - Backhoe                   | 2016       | HJR00594           | Lalonde                       | Ortiz         | Company                                | EPKXL04.4MK1  | C4.4               | 4.4          | 2014       | C7N36796            | 127         | 4           | u-r-022-0191                                      | Green tag issued 02/27/2019    |  |
| 2/27/2019      | 5/20/2019      | JG9B74                           | SERC_011 | John Deere            | 210L Skip Loader                 | 2017       | 1T8210LXPHF894289  | Ortiz                         | Ortiz         | John Deere                             | HJDXL04.5315  | 404HT096           | 4.5          | 2017       | PE4045U052929       | 93          | 4F          | u-r-004-0537                                      | Green tag issued 02/27/2019    |  |
| 3/6/2019       | 3/19/2019      | SF7A56                           | SERC_012 | САТ                   | Rough Terrain Forklift           | 2012       | KDE00312           | ARB                           | ARB           | Perkins Engine<br>Company              | CPKXL04.4MK1  | C4.4               | 4.4          | 2012       | 44800893            | 125         | 41          | u-r-022-0176-1                                    | Green Tag issued on 3/7/2019   |  |
| 3/12/2019      | 3/18/2019      | RG5N99                           | SERC_013 | САТ                   | 966K Wheel Loader                | 2011       | TFS00270           | Ortiz                         | Ortiz         | CAT                                    | BCPXL09.3HPA  | C9.3               | 9.3          | 2011       | MME03431            | 274         | 41          | u-r-001-0409                                      | Green Tag issued on 3/15/2019  | will only be on site for a rew days  |
| 3/20/2019      | 3/25/2019      | YJ4K66                           | SERC_014 | JLG                   | Forklift - 54'                   | 2014       | 160057617          | Sunstate                      | ARB           | Cummins                                | DCEXL04.5AAE  | QSB\$.5            | 4.5          | 2014       | 73617640            | 130         | 41          | u-r-002-0586                                      | Green Tag issued on 3/22/2019  | while SERC ID: SERC_012 is offsite for   |
| 3/21/2019      | 8/30/2019      | KT3V94                           | SERC_015 | Genie                 | Forklift - Varialbe Reach        | 2014       | BR2596             | United Rentals                | Newtron       | Deutz                                  | EDZXL02.9020  | TD2.9L4            | 2.9          | 2014       | 11731188            | 74          | 4           | u-r-013-0472-1                                    | Green Tag issued on 3/22/2019  |  |
|                | Onsite         |                                  |          |                       |                                  |            |                    |                               |               | Perkins Engine                         |               |                    |              |            |                     |             |             |   |                                | Formerly SERC_012 (was removedon   |
| 3/22/2019      |                | SF7A56                           | SERC_016 | CAT                   | Rough Terrain Forklift           | 2012       | KDE00312           | ARB                           | ARB           | Company                                | CPKXL04.4MK1  | C4.4               | 4.4          | 2012       | 44800893            | 125         | 41          | u-r-022-0176-1                                    | Green Tag issued on 3/22/2019  | 3/19 for repairs and returned on 3/22)   |
| 3/28/2019      | 4/25/2019      | LG4L96                           | SERC_017 | Genie                 | Aerial Lift                      | 2001       | 50845              | United Rentals                | Newtron       | Deutz AG                               | DDZXL02.9021  | D2.9L4             | 2.925        | 2014       | 11511469            | 49          | T4          | u-r-013-0443                                      | Green Tag Issued on 4/1/2019   |  |
| 4/5/2019       | Onsite         | JW5N58                           | SERC_018 | Genie                 | 5K Reach Fork                    | 2015       | 10366180           | United Rentals                | Newtron       | Deutz AG                               | FDZXI02.9020  | TD2.9L4            | 2.9          | 2015       | h                   | 74          | 4           | u-r-013-0496                                      | Green Tag issued on 4/11/2019  |  |
| 4/10/2019      | 4/23/2019      | BG8T73                           | SERC_019 | John Deere            | JD650JLTDozer                    | 2009       | T0650JX172684      | Savala Equipment<br>Rentals   | Ortiz         | John Deere                             | 8JDXL06.8105  | 4045HT057          |              | 2008       | PE4045L068083       | 115         | 3           | u-r-004-0313                                      | Yellow Tag issued on 4/11/2019 |  |
| 4/26/2019      | 5/15/2019      | BS9V43                           | SERC_020 | John Deere            | JD550K XLT Dozer                 | 2015       | 1T0550KXHEE273832  | Savala Equipment<br>Rentals   | Ortiz         | John Deere                             | FJDXL04.5211  | 4045 HT070 A,B,C,D | 4.5          | 2015       | R534172-В           | 85          | 4           | u-r-004-0499                                      | Green Tag issued on 4/30/2019  |  |
| 5/8/2019       | 5/22/2019      | WW5G33                           | SERC_021 | Bobcat                | T 590 Skid Steer                 | 2017       | ALJU23845          | United Rentals                | ARB           | Doosan                                 | HDICL02.4LEA  | D24NAP             | 2.392        | 2017       | D24NAP7105046LE     | 66          | 4           | u-r-019-0145                                      | Green Tag Issued 5/14/2019     |  |
| 5/14/2019      | 5/20/2019      | DF9E37                           | SERC_022 | Case                  | 721G Wheel Loader                | 2017       | NGF240121          | United Rentals                | Ortiz         | Fiat Power Train                       | GFPXL06.7SDB  | F4HFE613TB         | 4.5/6.7      | 2016       | 1444310             | 145         | 4F          | u-r-015-0322                                      | Green Tag Issued 5/14/2019     |  |
| 5/22/2019      | 9/23/2019      | NG3U86                           | SERC_023 | САТ                   | 259D Skid Steer Loader           | 2018       | FTL14586           | ARB                           | ARB           | Kubota                                 | HKBXL03.3EKD  | C#.3B              | 3.3          | 2017       | 8HQ0121             | 73.2        | 4           | u-r-025-0733                                      | Green Tag Issued 5/24/2019     |  |
| 6/18/2019      | Onsite         | WK9J63                           | SERC_024 | Deere                 | 210l Skip Loader                 | 2016       | 1T8210ELLGJ893464  | ARB                           | N/A           | John Deere Power<br>Systems            | FJDXL04.5212  | 4045HT072          | 4.52         | 2016       | PE4045R108158       | 70          | 4           | ARB EO not available. Verified<br>using EPA data. | Green tag issued 06/19/2019    |  |
| 7/9/2019       | 8/7/2019       | TF6J89                           | SERC_025 | Extreme Manufacturing | XR2045 Forklift                  | 2018       | XR2045-11-17119380 | Ellis                         | ARB           | Deutz AG                               | HDZXL03.6050  | TCD3.6L4           | 3.621        | 2017       | 12076911            | 134         | 4           | u-r-013-0536                                      | Green tag issued 7/16/2019     |  |
| 7/22/2019      | 7/26/2019      | TP8N95                           | SERC_026 | Case                  | 580 Super N Back Hoe             | 2014       | JJGN58SNKEC705265  | Tom's Back Hoe                | ARB           | FPT                                    | EFPX L03.4ADD | F5HFL413C*A        | 3.4          | 2014       | 000189488           | 97          | 4           | u-r-015-0259-1                                    | Green Tag Issued 7/26/2019     | Removed from on date green tag was issued.   |
| 8/7/2019       | Onsite         | VT6H48                           | SERC_027 | Xtreme Manufacturing  | XR2045 Forklift                  | 2018       | XR2045-11-18039329 | Ellis                         | ARB           | Deutz AG                               | HDZXL03.6060  | TCD 3.6 L4         | 3.621        | 2017       | 12103041            | 134         | 4           | u-r-013-0536                                      | Green Tag Issued 8/13/2019     |  |
| 8/14/2019      | 8/27/2019      | RS6W99                           | SERC_28  | Cummins               | 6K Reach Forklift                | 2014       | 10362305           | United Rentals                | Newtron       | Cummins                                | ECEXL06.7AAH  | QSB3.s             | 6.7          | 2014       | 68619362            | 129         | 41          | u-r-002-0006-1                                    | Blue Tag Issued 8/14/2019      | Removed from Site 8/27/2019. Green<br>tag not issued   |
| 8/27/2019      | Onsite         | RV7M68                           | SERC_29  | JCB                   | 507-42                           | 2016       | 2435467            | United Rentals                | Newtron       | JCB Power Systems                      | GJCBL04.4TA5  | 444TA4-55L1        | 4.4          | 2016       | SL320/40925U0865716 | 74          | 4           | u-r-049-0042                                      | Green Tag Issued 9/5/2019      |  |
| 8/28/2019      | Onsite         | LR7P73                           | SERC_30  | JLG                   | 60' Boom Lift                    | 2018       | 10755669           | United Rentals                | Newtron       | Deutz Corp                             | JDZXL02.9020  | TD 2.9 L4          | 2.9          | 2018       | 12147294            | 67          | 4           | u-r-013-0553                                      | Green Tag Issued 9/5/2019      |  |
| 9/2/2019       | 11/21/2019     | TX5P83                           | SERC_31  | Manitowoc             | Manitowoc 999                    | 2002       | 9991103            | Maxim Crane Works             | ARB           | Cummins                                | 2CEXL0661AAF  | QSM11              | 11           | 2008       | 35055789            | 350         | 2           | u-r-002-0144                                      | Green Tag Issued 9/5/2019      | Tier relief requested. CEC received<br>notification from Hong Zhuang<br>(AQCMM) on 9/3/2019. |
| 9/10/2019      | Onsite         | HN6U33                           | SERC_032 | JLG                   | 6042 T4F<br>6K Reach Forklift    | 2016       | 160073851          | United Rentals                | Newtron       | Cummns                                 | FCEXL03.8AAA  | QSF3.8             | 3.8          | 2015       | 89276073            | 89          | 4           | U-R-002-0620                                      | Green Tag Issued 9/12/2019     |  |
| 9/13/2019      | 9/18/2019      | 166565                           | SERC_033 | Catapillar            | XQ200                            | 2014       | CAT00C71KMRP00571  | Quinn Power                   | MSTS          | Catapillar                             | DPKXL7.01BL1  | C7.1               | 7.01         | 2014       | E7B00723            |             | 4           |   | Blue Tag Issued 9/13/2019      | Removed from site 9/18/2019. Green   |
| 9/16/2019      | 10/25/2019     | WP9E86                           | SERC_034 | JLG                   | Generator<br>660SJ Manlift       | 2015       | 300206993          | Sunstate                      | ARB           | Deutz                                  | FDZXL02.9020  | TD2.9L4            | 2.925        | 2015       | 11777630            | 67          | 4           | u-r-013-0496                                      | Green tag issued 9/20/2019     | tag not issued   |
| 9/23/2019      | Onsite         | XG7V58                           | SERC_035 | Grove                 | GRT880<br>Crane                  | 2017       | 235778             | ARB                           | ARB           | Cummins                                | GCEXL06.7AAK  | QSB6.7             | 6.7          | 2016       | 74026109            | 275         | 4           | u-r-002-0639                                      | Green Tag Issued 10/01/2019    |  |
| 10/8/2019      | Onsite         | NL7M56                           | SERC_036 | JLG                   | 600AJ                            | 2014       | 10281594           | United Rentals                | ARB           | DEUTZ                                  | EDZXL02.9020  | TD2.9L4            | 2.19         | 2014       | 11598545            | 67          | 4           | U-R-013-0472                                      | Green Tag Issued 10/22/2019    |  |
| 10/25/2019     | 11/4/2019      | SG9H76                           | SERC_037 | JLG                   | Articulating Boom Lift<br>860SJ  | 2017       | 300233300          | Sunstate Rentals              | ARB           | Deutz                                  | HDZXL02.9020  | TD2.94L            | 2.925        | 2017       | 12033372            | 67          | 4           | u-r-013-0527                                      | Green Tag Issued 10/31/2019    |  |
| 11/4/2019      | Onsite         | DA7T55                           |          | САТ                   | 85' Boom lift<br>308E2           | 2014       | FXJ01664           | ARB                           | ARB           | Kubota                                 | EKBXL03.3EKD  | C3.3B              | 3.3          | 2014       | 8EE2909             | 65          | 4           | u-r-025-0614                                      | Green Tag issued 11/21/2019    |  |
| 11/4/2019      | Onsite         | XM8N56                           | SERC_039 | JLG                   | Excavator<br>Boom Lift           | 2016       | 300216443          | SunState                      | ARB           | DeutZ                                  | GDZXL02.9020  | TD2.9L4            | 2.92         | 2016       | 11867769            | 67          | 4           | u-r-013-0506                                      | Green Tag issued 11/21/2019    |  |
| 11/19/2019     | Onsite         | JX4T34                           |          | САТ                   | 259D                             | 2019       | FTL20141           | Quinn Heavy Rents             | ARB           | Kubota                                 | JKBXL03.3EKD  | C3.3B              | 3.33         | 2018       | 8JQ3031             | 73          | 4           | u-r-025-0786                                      | Green Tag issued 11/21/2019    |  |
| ,,,,,          | 2              |                                  |          |                       | Skid Steer loader                |            |                    |                               |               |  |               |                    |              |            |                     |             |             |   |                                |  |

#### SERC Offroad Diesel Equipment Inventory November 2019

|                               |                               |   |                |                     |                    | Equip      | oment                |                |               | Engine              |               |              |                            |            |                      |                       |             |                              |                             |              |
|-------------------------------|-------------------------------|---|----------------|---------------------|--------------------|------------|----------------------|----------------|---------------|---------------------|---------------|--------------|----------------------------|------------|----------------------|-----------------------|-------------|------------------------------|-----------------------------|--------------|
| <u>Date</u><br><u>Arrived</u> | <u>Date</u><br><u>Removed</u> | <u>CARB ID</u><br><u>6 digit</u><br>(EIN) | <u>SERC ID</u> | <u>Manufacturer</u> | Model/Description  | Model Year | <u>Serial Number</u> | <u>Owner</u>   | <u>Renter</u> | <u>Manufacturer</u> | Engine Family | Engine Model | <u>Displacement</u><br>(L) | Model Year | <u>Serial Number</u> | <u>Diesel</u><br>(hp) | <u>Tier</u> | Engine Certification on File | Compliance Tag              | <u>Notes</u> |
| 11/20/2019                    | Onsite                        | SX6J96                                    | SERC_041       | JLG                 | 800AJ Boom Lift    | 2018       | 10790746             | United Rentals | Newtron       | Deutz               | JDZXL02.9020  | TD2.94L4     | 2.9                        | 2018       | 12165591             | 67                    | 4           | u-r-013-0553                 | Green Tag issued 11/21/2019 |              |
| 11/21/2019                    | Onsite                        | JJ6V59                                    | SERC_042       | JLG<br>Boom Lift    | 660SJ<br>Boom Lift | 2018       | 300246305            | Sunstate       | ARB           | Deutz               | JDZXL02.9020  | TD2.9L4      | 2.92                       | 2018       | 12163940             | 67                    | 4           | u-r-013-0553                 | Green Tag issued 11/21/2019 |              |

#### SERC Offroad Diesel Equipment Inventory November 2019

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: \_\_\_\_\_\_\_

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | Ν                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
| Has any off-road diesel equipment been removed from the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | Y                    | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
| Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?                | Y                    | If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.   |
| Are off-road engine fluid leaks visible?  | N                    | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.  |

ADDITIONAL NOTES:

AQCMM or Delegate name: \_\_\_\_\_\_Jon Kimble

AQCMM or Delegate signature: Jon Kimble

Date: November 4, 2019

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | Y                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
| Has any off-road diesel equipment been removed from the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | Y                    | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
| Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?                | Y                    | If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.   |
| Are off-road engine fluid leaks visible?  | Ν                    | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.  |

ADDITIONAL NOTES:

Large Excavator delivered today.

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
| Has any off-road diesel equipment been removed from the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | Y                    | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
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ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: \_\_\_\_\_\_\_

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| Has any off-road diesel equipment been removed from the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | Y                    | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
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Date: \_\_\_\_\_\_

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| Has any off-road diesel equipment been removed from the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | Y                    | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
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|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
| Has any off-road diesel equipment been removed from the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | Y                    | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
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Date: \_\_\_\_\_

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| Has any off-road diesel equipment been removed from the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | Y                    | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
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| Are off-road engine fluid leaks visible?  | Ν                    | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.  |

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: \_\_\_\_\_11/12/2019

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
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| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | Y                    | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
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Date: \_\_\_\_\_11/13/2019

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| Has any off-road diesel equipment been delivered to the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
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ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

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Date: 11/14/2019

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |  |  |
|---|----------------------|---|--|--|
| Has any off-road diesel equipment been delivered to the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |  |  |
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Date: \_\_\_\_\_\_

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AQCMM or Delegate name: Mike Malsy

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Date: \_\_\_\_\_

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Date: \_\_\_\_\_\_

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Date: \_\_\_\_\_

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ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: \_\_\_\_\_11/21/2019

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |  |  |
|---|----------------------|---|--|--|
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ADDITIONAL NOTES:

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Date: \_\_\_\_\_\_

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Date: \_\_\_\_\_\_

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Date: \_\_\_\_\_\_

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ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: \_\_\_\_\_11/27/2019

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
| Has any off-road diesel equipment been removed from the site today?                               | N                    | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | Y                    | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
| Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?                | Y                    | If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.   |
| Are off-road engine fluid leaks visible?  | Ν                    | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.  |

ADDITIONAL NOTES:



December 1, 2019

W Power, LLC – Stanton Energy Reliability Center 10711 Dale Avenue Stanton, Ca 90680

Attn: Tim Bofman Project Compliance

RE: Maintenance and Inspection of Equipment

Dear Mr. Bofman:

This letter confirms that ARB performs daily inspections and required maintenance at the regularly scheduled intervals for the previous month for all on-site equipment. See attached *AQCMP Equipment Log* for ARB equipment currently on-site.

| Date<br>Arrived | Date<br>Removed | CARB ID<br>6 digit<br>(EIN) | SERC ID  | Manufacturer            | Model/Description               | Model<br>Year | Serial Number          | Owner                   | Renter |
|-----------------|-----------------|-----------------------------|----------|-------------------------|---------------------------------|---------------|------------------------|-------------------------|--------|
| 2/4/2019        | onsite          | VC6G63                      | SERC_001 | Xtreme                  | XR1255 Forklift                 | 2016          | XR1255031693102        | ARB                     | N/A    |
| 3/22/2019       | onsite          | SF7A56                      | SERC_016 | CAT                     | Rough Terrain<br>Forklift       | 2012          | KDE00312               | ARB                     | ARB    |
| 6/18/2019       | Onsite          | WK9J63                      | SERC_024 | Deere                   | 210l Skip Loader                | 2016          | 1T8210ELLGJ893464      | ARB                     | N/A    |
| 8/7/2019        | Onsite          | VT6H48                      | SERC_027 | Xtreme<br>Manufacturing | reme XR2045 Earklift            |               | XR2045-11-<br>18039329 | Ellis                   | ARB    |
|                 |                 |                             |          |                         |                                 |               |                        |                         |        |
| 9/23/2019       | Onsite          | XG7V58                      | SERC_035 | Grove                   | GRT880<br>Crane                 | 2017          | 235778                 | ARB                     | ARB    |
| 10/8/2019       | Onsite          | NL7M56                      | SERC_036 | JLG                     | 600AJ Articulation<br>Boom Lift | 2014          | 10281594               | Sunstate                | ARB    |
| 10/25/2019      | Onsite          | SG9H76                      | SERC_037 | JLG                     | 860SJ 85' Boom<br>Lift          | 2017          | 300233300              | Sunstate                | ARB    |
| 11/4/2019       | Onsite          | DA7T55                      | SERC_038 | САТ                     | 308E2<br>Excavator              | 2014          | FXJ01664               | ARB                     | ARB    |
| 11/4/2019       | Onsite          | XM8N56                      | SERC_039 | JLG                     | Boom Lift                       | 2016          | 300216443              | SunState                | ARB    |
| 11/19/2019      | Onsite          | JX4T34                      | SERC_040 | CAT                     | 259D<br>Skid Steer loader       | 2019          | FTL20141               | Quinn<br>Heavy<br>Rents | ARB    |
| 11/21/2019      | Onsite          | JJ6V59                      | SERC_042 | JLG<br>Boom Lift        | 660SJ<br>Boom Lift              | 2018          | 300246305              | Sunstate                | ARB    |



Respectfully,

1 55

Steven Fischer ARB, Inc. Project Manager



September 1, 2019

ARB, Inc. – Stanton Energy Reliability Center 26000 Commercentre Drive Lake Forest, Ca 92630

Attn: Nick Tasich ARB, Inc.

RE: Maintenance and Inspection of Equipment

Dear Mr. Tasich:

This letter confirms that Maxim performs daily inspections and required maintenance at the regularly scheduled intervals for the previous month for all on-site equipment. See below for Maxim equipment currently on-site.

| Date<br>Arrived | Date<br>Removed | CARB ID<br>6 digit<br>(EIN) | Manufacturer | Model/Description | Model<br>Year | Serial Number | Owner | Renter |
|-----------------|-----------------|-----------------------------|--------------|-------------------|---------------|---------------|-------|--------|
|                 |                 |                             | Manitowoc    |                   |               |               |       |        |
| 8/31/2019       | onsite          | TX5P83                      | 999          | Crawler Crane     | 2002          | 9991103       | Maxim | Maxim  |

Respectfully,

Charlie Giovanni Maxim Crane Project Manager



From: United Rentals, Inc.

To: ARB/Newtron LLC.

Subject: LETTER OF MAINTENANCE VERIFICATION

The intention of this letter is to verify that all preventative maintenance and/or service bulletins are current in accordance with the manufacturer's and ARB's / Newtron's recommendations during the month of November 2019.

This is for the equipment listed below at:

10711 DALE ST

**STANTON, CA. 90680** 

| 6                               |            |               |
|---------------------------------|------------|---------------|
| DESCRIPTION                     | EIN NUMBER | SERIAL NUMBER |
| GENIE VARIABLE REACH FORKLIFT   | JW5N58     | 10366180      |
| JLG BOOM LIFT 60' ART           | LR7P73     | 10755669      |
| SKYTRAK VARIABLE REACH FORKLIFT | HN6U33     | 10478100      |
| JCB 7K VARIABLE REACH FORKLIFT  | RV7M68     | 10507929      |
| JLG BOOM LIFT 80' ART           | SX6J96     | 10790746      |

All info verified by: United Rentals, Inc. Sergio Gonzalez Territory Manager





# Appendix B2 Documentation of AQ-SC5 Compliance (SCE Site)

|                               |                               |  |                |                     |                   | Equip      | oment                |                 |               |                           |               | Engine       |                     |            |                 |                            |                              |  |                   |
|-------------------------------|-------------------------------|--|----------------|---------------------|-------------------|------------|----------------------|-----------------|---------------|---------------------------|---------------|--------------|---------------------|------------|-----------------|----------------------------|------------------------------|--|-------------------|
| <u>Date</u><br><u>Arrived</u> | <u>Date</u><br><u>Removed</u> | <u>CARB ID</u><br><u>6 digit</u><br><u>(EIN)</u> | <u>SERC ID</u> | <u>Manufacturer</u> | Model/Description | Model Year | <u>Serial Number</u> | <u>Owner</u>    | <u>Renter</u> | Manufacturer              | Engine Family | Engine Model | Displacement<br>(L) | Model Year | Serial Number   | Diesel<br>(hp) <u>Tier</u> | Engine Certification on File | Compliance Tag                                 | <u>Notes</u>      |
| 10/21/2019                    | 11/15/2019                    | VD5L46   | SERC_66KV_01   | Bobcat              | \$770             | 2017       | AT5A12704            | RJ ALLEN        |               | Doosan                    | HDICL03.4LEA  | D34P         | 3.4                 | 2017       | 34P7031263LEL02 | 92 4F                      | u-r-019-0147-1               | Green tag issued 10/22/2019                    |                   |
| 10/21/2019                    | 11/15/2019                    | UU6G94   | SERC_66KV_02   | Caterpillar         | 450F              | 2018       | HJR00830             | RJ ALLEN        |               | Perkins Engine<br>Company | EPKL04.4MK1   | C4.4         | 4.4                 | 2014       | C7N38974        | 127 41                     | u-r-022-0191                 | Green tag issued 10/22/2019                    |                   |
| 10/21/2019                    | 11/15/2019                    | JX8N65   | SERC_66KV_03   | Bobcat              | E32               | 2014       | B2VV11390            | RJ ALLEN        |               | Doosan                    | EDICL01.8LEA  | D18NAP       | 1.8                 | 2014       | D18NAP4001190E0 | 33 4F                      | u-r-019-0130                 | Green tag issued 10/22/2019                    |                   |
| 10/21/2019                    | 11/15/2019                    | MU4K93   | SERC_66KV_04   | Caterpillar         | 450               | 2019       | 0KJH00203            | RJ ALLEN        |               | Perkins Engine<br>Company | KPKXL04.4MT1  | C4.4         | 4.4                 | 2019       | W7N61238        | 134 4F                     | u-r-22-0218                  | Green tag issued 10/22/2019                    |                   |
| 10/24/2019                    | 10/28/2019                    | LP5P36   | SERC_66KV_05   | Lodril/John Deer    | 135G              | 2015       | 1FF135GXVEE400860    | Howell Drilling | SCE           | ISUZU                     | ESZXL03.0MXA  | AM-4JJ1X     | 3                   | 2014       | 1ZU4JJ1183849   | 103 41                     | u-r-006-0386                 | Yellow tag issued 10/25, vehicle removed 10/28 | No longer in use. |
| 10/25/2019                    | 11/15/2019                    | EX9H48   | SERC_66KV_05   | SNORKEL             | AB60J             | 2015       | AB60J-04-000074      | SUNBELT/KING    | SCE           | KUBOTA                    | CKBSL02.4HAD  | V2403        |                     | 2015       | 7FC9905         | NA 4I                      | u-r-025-0664                 | Green tag issued 11/12/2019                    |                   |
| 10/25/2019                    | 11/15/2019                    | JY8C64   | SERC_66KV_06   | SNORKEL             | AB-85R            | 2014       | AB85J-04-000024      | SUNBELT/KING    | SCE           | DEUTZ                     | CDZXL03.6081  | D2011L041    | 3.26L               | 2014       | 11340859        | NA 4I                      | u-r-013-0487                 | Green tag issued 11/12/2019                    |                   |
| 10/25/2019                    | 11/15/2019                    | YL6547   | SERC_66KV_07   | JLG                 | 1732              | 2019       | 160095409            | SUNBELT/KING    | SCE           | DEUTZ                     | KDZXL03       | TCD3.6L4     | 3.6L                | 2019       | 12347466        | NA 4F                      | u-r-013-0576/7/8/9           | Green tag issued 11/12/2019                    |                   |
| 10/25/2019                    | 11/15/2019                    | NW8R57   | SERC_66KV_08   | GEHL                | RS5-19            | 2019       | 35329                | SUNBELT/KING    | SCE           | YANMAR                    | JYDXL3.32NDA  | 4TNV98C-NGT  | 3.3L                | 2018       | 83043           | 59 4F                      | u-r-028-0828                 | Green tag issued 11/12/2019                    |                   |
| 10/25/2019                    | 11/15/2019                    | GP3K57   | SERC_66KV_09   | SNORKEL             | A46JRT            | 2014       | A46JRT-04-000106     | SUNBELT/KING    | SCE           | КИВОТА                    | EKBXL01.5BPD  | V1505        | 1.5L                | 2014       | KN2047          | 30 4F                      | u-r-025-0619                 | Green tag issued 11/12/2019                    |                   |
| 10/25/2019                    | 11/15/2019                    | NL4F64   | SERC_66KV_10   | SNORKEL             | A46JRT            | 2014       | A46JRT-04-000104     | SUNBELT/KING    | SCE           | КИВОТА                    | EKBXL01.5BPD  | V1505        | 1.5L                | 2014       | 1CN2791         | 30 41                      | u-r-025-0619                 | Green tag issued 11/12/2019                    |                   |

#### SERC 66 KV Interconnection - Offroad Diesel Equipment Inventory November 2019 (Substation)

SERC Offroad Diesel Equipment Inventory November 2019 (Sub-transmission)

|                               |                               |  |                |                     |                                  | Equipmer                    | nt                |              |               |                     |                   | Engine       |                                    |                             |                      |                       |             |                                 |                                |                 |
|-------------------------------|-------------------------------|--|----------------|---------------------|----------------------------------|-----------------------------|-------------------|--------------|---------------|---------------------|-------------------|--------------|------------------------------------|-----------------------------|----------------------|-----------------------|-------------|---------------------------------|--------------------------------|-----------------|
| <u>Date</u><br><u>Arrived</u> | <u>Date</u><br><u>Removed</u> | <u>CARB ID</u><br><u>6 digit</u><br><u>(EIN)</u> | <u>SERC ID</u> | <u>Manufacturer</u> | Model/Description                | <u>Model</u><br><u>Year</u> | Serial Number     | <u>Owner</u> | <u>Renter</u> | <u>Manufacturer</u> | Engine Family     | Engine Model | <u>Displacem</u><br><u>ent (L)</u> | <u>Model</u><br><u>Year</u> | <u>Serial Number</u> | <u>Diesel</u><br>(hp) | <u>Tier</u> | Engine Certification<br>on File | Compliance Tag                 | <u>Notes</u>    |
| 11/12/2019                    | Onsite                        | TL8K73   | SERC_66KV_11   | CATERPILLAR         | 450 / BACKHOE                    | 2019                        | KJH00159          | ILB          | N/A           | Perkins             | ₽<br>JPKXL04.4MT1 | C4.4         | 4.4                                | 2019                        | W7N48759             | 142.1                 | T4F         | u-r-022-0215                    | Green tag issued<br>11/21/2019 | ILB UNIT# 6262S |
| Not arrived                   | Not arrived                   | TX7D55   | SERC_66KV_12   | WIRTGEN             | W60 Ri / COLD<br>MILLING MACHINE | 2019                        | 1505.1287         | ILB          | N/A           | DEUTZ AG            | JDZXL04.1056      | TCD 4.1 L4   | 4.038                              | 2018                        | 12286820             | 141                   | T4F         | u-r-013-0547                    | Green tag issued<br>11/21/2019 | ILB UNIT# 6299S |
| Not arrived                   | Not arrived                   | PW4E96   | SERC_66KV_13   | DYNAPAC             | F1200C / PAVING<br>MACHINE       | 2016                        | 10002122VHG002147 | ILB          | N/A           | DEUTZ AG            | GDZXL02.9020      | TD2.9L4      | 2.925                              | 2016                        | 11963909             | 72                    | T4F         | u-r-013-0506                    | Green tag issued<br>12/09/2019 | ILB UNIT# 6194S |
| Not arrived                   | Not arrived                   | RN8K492  | SERC_66KV_14   | CATERPILLAR         | CB34B / ROLLER                   | 2017                        | XB400347          | ILB          | N/A           | IHI Shibaura        | GH3XL2.22NFV      | C2.2         | 2.216                              | 2017                        | ව<br>NSD00968        | 48.8                  | T4F         | u-r-026-0444                    | Green tag issued<br>11/21/2019 | ILB UNIT# 6173S |
| 12/5/2019                     | Onsite                        | CF7H64   | SERC_66KV_15   | CATERPILLAR         | 450F / BACKHOE                   | 2017                        | HJR00724          | ILB          | N/A           | CATERPILLAR         | EPKXL04.4MK1      | C4.4         | 4.4                                | 2014                        | C7N38596             | 142                   | T4F         | u-r-022-0191                    | Green tag issued<br>12/09/2019 | ILB UNIT# 6185S |

AQCMM or Delegate name: \_\_\_\_\_Robert Dixon

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_\_11-1-19

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | n                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
| Has any off-road diesel equipment been removed from the site today?                               | n                    | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | У                    | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
| Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?                | У                    | If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.   |
| Are off-road engine fluid leaks visible?  | n                    | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.  |

ADDITIONAL NOTES:

AQCMM or Delegate name: \_\_\_\_\_Robert Dixon

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_\_11-2-19

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               |                      | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
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| Are off-road engine fluid leaks visible?  | n                    | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.  |

ADDITIONAL NOTES:

| AQCMM or Delegate name: | Robert Dixon |
|-------------------------|--------------|
|                         |              |

AQCMM or Delegate signature:

Robert Dixon

Date: \_\_\_\_\_

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | n                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
| Has any off-road diesel equipment been removed from the site today?                               | n                    | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
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| Are off-road engine fluid leaks visible?  | n                    | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.  |

ADDITIONAL NOTES:

| AQCMM or Delegate name: | Robert Dixon |
|-------------------------|--------------|
|                         |              |

Robert Dixon

AQCMM or Delegate signature: \_\_\_\_

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | n                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
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| Are off-road engine fluid leaks visible?  | n                    | If yes, the onsite Delegate shall notify equipment owner immediately about the need for<br>maintenance.   |

ADDITIONAL NOTES:

AQCMM or Delegate name: \_\_\_\_\_Robert Dixon

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_\_11-6-19

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | n                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
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ADDITIONAL NOTES:

AQCMM or Delegate name: \_\_\_\_\_Robert Dixon

AQCMM or Delegate signature: Robert Dixon

Date: 11-7-19

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | n                    | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
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ADDITIONAL NOTES:

AQCMM or Delegate name: \_\_\_\_\_Robert Dixon

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_\_

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               |                      | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
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| Are off-road engine fluid leaks visible?  | n                    | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.  |

ADDITIONAL NOTES:

Jason crumb AQCMM or Delegate name: cump AQCMM or Delegate signature: a 11/12/19 Date:

Response Diesel-Fueled Engine Control Checklist Item (AQ-SC5) (yes/no) Action Has any off-road diesel equipment been delivered to the site today? If yes, the onsite Delegate shall: no 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment. Has any off-road diesel equipment been removed from the site today? If yes, the onsite Delegate shall: no 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM. Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? If no, the onsite Delegate shall: yes 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment. Are heavy duty diesel engines idling less than 5 minutes, to the extent practical? If no, the onsite Delegate shall notify the equipment owner and/or operator of the yes requirement to limit idling to the extent practical. Are off-road engine fluid leaks visible? If yes, the onsite Delegate shall notify equipment owner immediately about the need for no maintenance.

ADDITIONAL NOTES:

Jason Crumb AQCMM or Delegate name: AQCMM or Delegate signature: ran 2100 Date: 11/13/19

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | no                   | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
| Has any off-road diesel equipment been removed from the site today?                               | no                   | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | yes                  | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
| Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?                | yes                  | If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.   |
| Are off-road engine fluid leaks visible?  | no                   | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.  |

ADDITIONAL NOTES:

Jason Crumb AQCMM or Delegate name: bfon cumt AQCMM or Delegate signature: Date: 11/14/19

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | no                   | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
| Has any off-road diesel equipment been removed from the site today?                               | no                   | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | yes                  | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
| Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?                | yes                  | If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.   |
| Are off-road engine fluid leaks visible?  | no                   | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.  |

ADDITIONAL NOTES:

AQCMM or Delegate name: Jason Crumb AQCMM or Delegate signature: Jagan Cruft Date: 11/15/19

| Direct Surging Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)<br>Has any off-road diesel equipment been delivered to the site today? | no                   | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
| Has any off-road diesel equipment been removed from the site today?   | no                   | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?                           | yes                  | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
| Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?  | yes                  | If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.   |
| Are off-road engine fluid leaks visible?  | no                   | If yes, the onsite Delegate shall notify equipment owner immediately about the need for<br>maintenance.   |

ADDITIONAL NOTES:

AQCMM or Delegate name: <u>Iquouio</u> Lamboron Jn AQCMM or Delegate signature: <u>Ihm</u> Date: <u>11/14/19</u>

Form: SERC-66KV\_CAQ-003 (subtransmission)

| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)  | Response<br>(yes/no) | Action  |
|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | 410                  | If yes, the onsite Delegate shall:<br>1.} Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
| Has any off-road diesel equipment been removed from the site today?                               | NO                   | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | 169                  | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
| Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?                | V                    | If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.   |
| Are off-road engine fluid leaks visible?  | NO                   | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance   |

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| AQCMM or Dele | egate name:     | Iqueiup | Lamberen | Ju |
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|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | NO                   | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
| Has any off-road diesel equipment been removed from the site today?                               | NO                   | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
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| Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?                |                      | If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.   |
| Are off-road engine fluid leaks visible?  | 1.10                 | If yes, the onsite Delegate shall notify equipment owner immediately about the need for<br>maintenance.   |

ADDITIONAL NOTES:

| AQCMM or Delega | ate name:     | Tayloria | Lawbaren Ju |
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|---|----------------------|---|
| Has any off-road diesel equipment been delivered to the site today?                               | NO                   | If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
| Has any off-road diesel equipment been removed from the site today?                               | 40                   | If yes, the onsite Delegate shall:<br>1.) Collect verification tag and<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.  |
| Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite? | 111.5                | If no, the onsite Delegate shall:<br>1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory.<br>2.) Fill out tag and attach to equipment.  |
| Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?                | U                    | If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.   |
| Are off-road engine fluid leaks visible?  | NO                   | If yes, the onsite Delegate shall notify equipment owner immediately about the need for<br>maintenance.   |

ADDITIONAL NOTES:

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| AQCMM or Delegate name:      | Iguaio | Lambaren |
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| Diesel-Fueled Engine Control Checklist Item (AQ-SC5)   | Response<br>(yes/no) | · ·   |
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| Has any off-road diesel equipment been delivered to the site today?                              | NO                   | Action<br>If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
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| re off-road engine fluid leaks visible?  | NO                   | If yes, the onsite Delegate shall notify equipment owner immediately about the need for<br>maintenance.   |

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| Has any off-road diesel equipment been delivered to the site today?                               | NO                 | Action<br>If yes, the onsite Delegate shall:<br>1.) Contact the equipment owner and request the required equipment/engine data,<br>2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and<br>3.) Attach equipment verification tag to equipment. |
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| AQCMM or Delegate name:      |    |   | gnu | 0 | bembaren to |
| AQCMM or Delegate signature: | I/ | M | ¥.  |   |             |
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| Are off-road engine fluid leaks visible?  | NO                   | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.  |

ADDITIONAL NOTES:

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AQCMM or Delegate name: <u>Iquació boundoron</u> AQCMM or Delegate signature: <u>Iquació</u> Date: <u>11/25/19</u>

Form: SERC-66KV\_CAQ-003 (subtransmission)

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| Are off-road engine fluid leaks visible?  | NO                   | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.  |

ADDITIONAL NOTES:

Ignacio famboren Tv AQCMM or Delegate name: 

Form: SERC-66KV\_CAQ-003 (subtransmission)

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|--|----------------------|---|
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| Are off-road engine fluid leaks visible?   | NO                   | If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.  |

ADDITIONAL NOTES:

P.O. Box 3039 Riverside, CA 92519-3039

Phone: 951.682.2982 Fax: 951.788.0686

www.ilbinc.com CA CCB# 782515

December 4, 2019

**INTERNATIONAL** 

LINE BUILDERS INC

W Power, LLC- Stanton Energy Reliability Center 10670 Dale Avenue Stanton, CA 90680.

Attn: Dustin Swenson Project Compliance

Re: Maintenance and Inspection of Equipment

Dear Mr. Swenson,

This letter confirms that ILB performs daily inspections and required maintenance at the regularly scheduled intervals, as required by each manufacturer for all on-site equipment below.

| Date<br>Arrived | Date<br>Removed | CARB ID<br>6 digit<br>(EIN) | SERC ID | Manufacturer | Model/Description                   | Model<br>Year | Serial Number     | <u>Owner</u> | Renter |
|-----------------|-----------------|-----------------------------|---------|--------------|-------------------------------------|---------------|-------------------|--------------|--------|
| 11/14/2019      | Onsite          | TL8K73                      |         | CATERPILLAR  | 450 / BACKHOE                       | 2019          | КЈН00159          | ILB          | N/A    |
| Future<br>Date  | Future<br>Date  | TX7D55                      |         | WIRTGEN      | W60 Ri / COLD<br>MILLING<br>MACHINE | 2019          | 1505.1287         | ILB          | N/A    |
| Future<br>Date  | Future<br>Date  | PW4E96                      |         | DYNAPAC      | F1200C /<br>PAVING MACHINE          | 2016          | 10002122VHG002147 | ILB          | N/A    |
| Future<br>Date  | Future<br>Date  | RN8K49                      |         | CATERPILLAR  | CB34B / ROLLER                      | 2017          | XB400347          | ILB          | N/A    |
| 12/5/2019       | Onsite          | CF7H64                      |         | CATERPILLAR  | 450F / BACKHOE                      | 2017          | HJR00724          | ILB          | N/A    |

Respectfully,

Sal Guzman, Jr. Div. Manager/Fleet Manager International Line Builders, Inc. Southern California Division. 2520 Rubidoux Blvd, Riverside, CA 92509 Cell (951)202-6163 | E-Mail Sal.Guzman@ilbinc.com | www.ilbinc.com Attachment 4 – Biological Resources



# Memorandum

2600 Michelson Drive, Suite 500 Irvine, CA 92612 United States www.jacobs.com

| Subject | Stanton Energy Reliability Center (16-AFC-1)<br>Biological Resources Monthly Compliance Report<br>November 2019 |
|---------|---|
| То:     | Tim Bofman, SERC, LLC   |
| From:   | Ava Edens, Jacobs<br>SERC CEC Designated Biologist  |
| Date:   | December 6, 2019  |
| Copies: | Sharon Stureman, SERC, LLC<br>Doug Davy, Jacobs<br>Karen Parker, Jacobs   |

# 1. Introduction

This November 2019 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from November 1 through November 30, 2019 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C). The MCR is in accordance with the current (October 2018) Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological resources California Energy Commission (CEC) License Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

- BIO-2: Designated Biologist Duties
- BIO-5: Worker Environmental Awareness Program (WEAP)
- BIO-6: Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP)
- BIO-7: General Impact Avoidance Mitigation Measures
- BIO-8: Pre-construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds

# 2. Monitoring Summary

This section summarizes biological monitoring activities conducted during the November 2019 reporting period. Construction started at the SERC site (located at 10711 Dale Avenue, Stanton, Orange County, California) on February 19, 2019 after the Energy Commission issued the Notice to Proceed.

During the November 2019 reporting period biological monitoring was conducted on the SERC site weekly. Daily Biological Resources Compliance Monitoring Logs are provided in Appendix A. A list of wildlife species observed during the monitoring events are included in Appendix B.



# 2.1 Activities Monitored

SERC construction activities were monitored weekly from November 1 through November 30, 2019. Locations monitored included the SERC site (western and eastern parcels), Bethel Romanian Pentecostal Apostolic Church parking lot (located at 10801 Dale Avenue, Stanton), Southern California Edison Laydown Yards (western and eastern), St. John the Baptist Greek Orthodox Church SoCal Gas Laydown Yard, Natural Gas Pipeline (along Dale Avenue from La Palma to West Orange Avenue), and SCE Gen-Tie Line activities at Barre Substation (located at 8662 Cerritos Avenue, Anaheim).

Construction activities at the SERC site included ongoing pipe fabrication and above-ground infrastructure work. Construction on the natural gas pipeline started on August 19, 2019. Pipeline construction activities included asphalt cutting/grinding and removal, installation and welding of steel plates, trench excavation and shoring, potholing, and use of the laydown yard at St. John the Baptist Greek Orthodox Church. Gen-tie line activities began on the SCE Barre Substation on October 21, 2019 and included excavation and pipe installation.

# 2.2 Nesting Birds

No protected active nests were observed during the November 2019 reporting period. Bird species observed during biological monitoring are included in Appendix B.

# 2.3 Special-Status Species

No special status species were observed in the project vicinity or on the project site during November 2019. A list of wildlife species observed during monitoring is included in Appendix B.

# 2.4 Wildlife Injuries and Mortalities

No injured or dead wildlife species were observed within the SERC project locations during the November 2019 reporting period.

# 2.5 Hazardous Material Spills

No hazardous material spills occurred at the project site during the November 2019 reporting period.

# 2.6 Non-Compliance Report

No formal non-compliance notifications or incident reports were issued during the November 2019 reporting period.



# 3. WEAP Training

All on-site staff received WEAP training prior to starting work on site. A total of 57 persons completed the SERC WEAP training in November 2019. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix C.

Appendix A Biological Resources Compliance Monitoring Logs

# Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

| Date                |                              |         |                         | Time (Begin-End) |           |                  |
|---------------------|------------------------------|---------|-------------------------|------------------|-----------|------------------|
| 11/4/2019           | 11/4/2019 Will Molland-Simms |         |                         |                  | 0615-1500 |                  |
| Temperature<br>(°F) | Win                          | d (mph) | Precipitation<br>amount | Visibility       | We        | eather Comment   |
| 54 @0630            | 0630 0-5                     |         | 0.0                     | Unlimited        | Cle       | ear, light winds |

## Location(s) of Work Site Activities Monitored

Work occurred today exclusively at the Barre substation.

0615- Biologist Will Molland-Simms arrived at Barre substation and met with SCE foremen, Jason Crumb and Robert Dixon. Mr. Crumb advised that four new crew members needed training today.

0630- Mr. Molland-Simms performed a pre-construction survey of the work area prior to the onset of construction activities. No special-status species or compliance concerns were observed, and the crew was advised they were clear to proceed from the biological perspective. All excavations more than a foot deep were either covered, had wooden ramps leading from the excavations, or contained dirt berms allowing for potentially trapped wildlife to exit the trench.

0645- Mr. Crumb conducted a tailboard going over the work plan for the day and relevant safety concerns. He, along with Mr. Dixon, advised the crew would be continue excavating in multiple spots within the substation as well as pouring cement in excavations that were completed. He advised that cement trucks would be making multiple trips throughout the day. Mr. Dixon was reminded that all new excavations should be ramped or covered. Mr. Crumb advised that crews would be working on electrical systems throughout the substation today. Two additional crew members, SWPPP inspectors, came forward and advised they needed WEAP training.

0700- A WEAP training was carried out for the six new crew members to the site.

0705- The crew began work for the day. At the main excavation site, an excavator was utilized to extract soil from the existing trench. The soil was placed outside of the work area before being removed from the site with a bobcat. Once the area was cleared, the crew worked on installing conduit and other piping in the trench. The crew worked in this manner throughout the day. Other SCE crews framed and otherwise worked with the electrical structures throughout the site.

0745- Designated Biologist, Ava Edens, was contacted and advised that only 8 WEAP stickers remained on-site. She advised that she would obtain more stickers and bring them to the site tomorrow, 11/5.

0930- The first cement truck arrived on-site, and cement was poured into the excavations. Cement trucks came to the site for the duration of the morning.

1100- The crews broke for lunch.

1200- The crew continued working on excavations and installing conduit.

1330- Project Manager, Travis Tolliver, contacted Mr. Molland-Simms and requested to know if the crew would be working next Monday, November 11<sup>th</sup>, due to the Veterans Day holiday. Mr. Molland-Simms asked SCE foreman, Jason Crumb, and he advised the crews would not be working on Monday in honor of the holiday.

1455- The crew finished work for the day and began to pack up. Exit ramps were verified in the excavations and no compliance concerns were observed.

1500- Mr. Molland-Simms left the site for the day.

#### Special-Status Species Observed: None

Nesting Bird Observations: None

Other Biological Resources Observations: Significant bird activity observed in substation. Likely utilized heavily in spring for nesting.

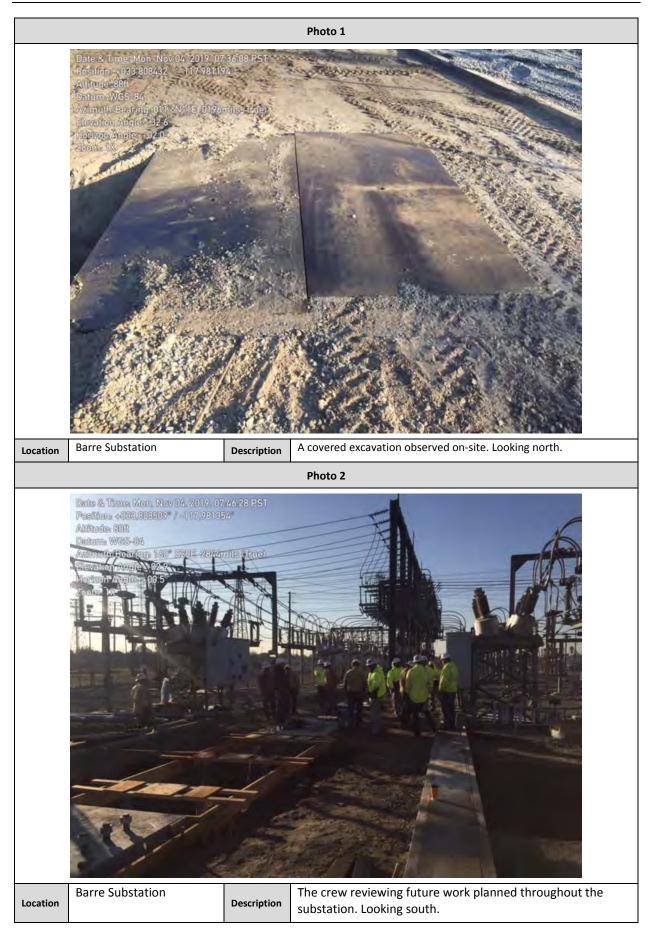
Other Observations/Comments: None

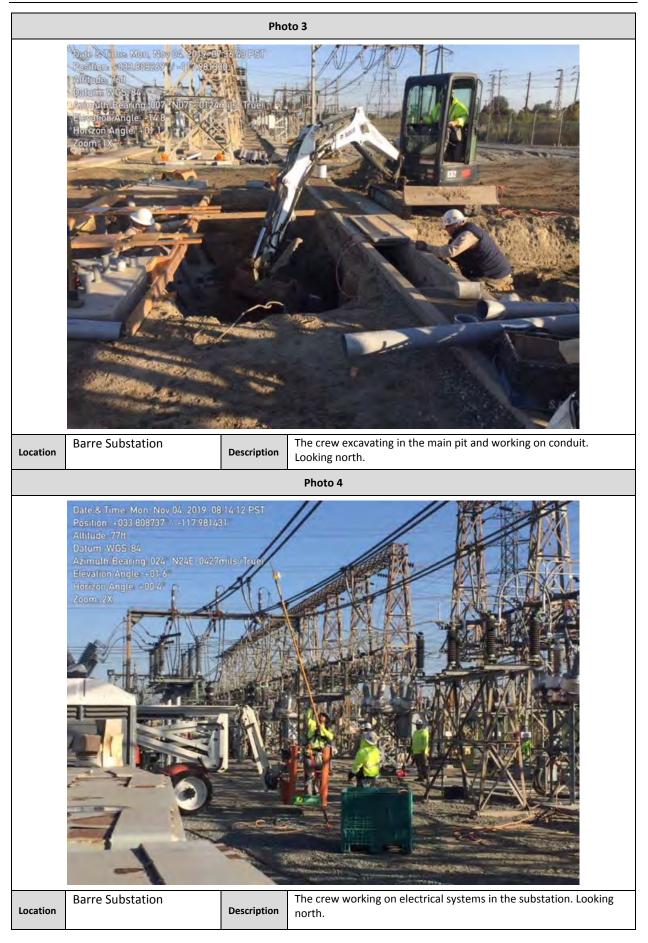
Items Requiring Action/Follow-up

None

Wildlife Species Observed:

Red-tailed hawk, Eurasian collared dove, Black phoebe, house finch, western kingbird, Anna's (?) hummingbird, common raven, American crow, house sparrow, mourning dove, rock pigeon, northern mockingbird.







# Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

| Date |                     |     |         |                         | Time (Begin-End) |    |                |
|------|---------------------|-----|---------|-------------------------|------------------|----|----------------|
|      | November 5, 2       | 019 |         | Ava Edens (DB)          |                  |    | 1230-1545      |
|      | Temperature<br>(°F) | Win | d (mph) | Precipitation<br>amount | Visibility       | We | eather Comment |
|      | 76 – 77             | 0   | ) - 5   | 0 in                    | Good             | CI | ear and sunny  |

# Location(s) of Work Site Activities Monitored

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.

## SERC Site:

**Western Parcel** – Activities included dust suppression, pipe fabrication, above-ground infrastructure work, staff offices and parking, a shaded lunch area, restrooms/hand washing stations, and receiving and movement of equipment/materials.

**Eastern Parcel** – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.

**Bethel Church Parking Lot** (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.

Western Laydown – Activities included parking and storage of equipment/materials.

**Eastern Laydown** – Activities include equipment storage, including electrical, and restrooms/hand washing stations and shaded rest/lunch areas surveyed.

## SoCal Gas Sites:

Greek Orthodox Church Laydown - Equipment storage and office trailers.

**Dale Avenue Natural Gas Pipeline** – Monitored active sections, from West Savoy Place (north) to West Ravenswood Drive (south). Activities included trenching, pipe installation, and saw cutting concrete.

# SCE:

Gen-Tie Line - Monitored excavation and construction on gen-tie line at Barre Substation.

## Summary of Biological Resources Monitoring Observations

Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.

## **Special-Status Species Observed:**

None

Nesting Bird Observations:

- None
- **Other Biological Resources Observations:** 
  - None

## **Other Observations/Comments:**

• Six stray cats observed at the end of the day near the SERC entrance off Fern Ave. Cat food is being left out side of the project area, along the sidewalk. It is unknown who is feeding the cats.

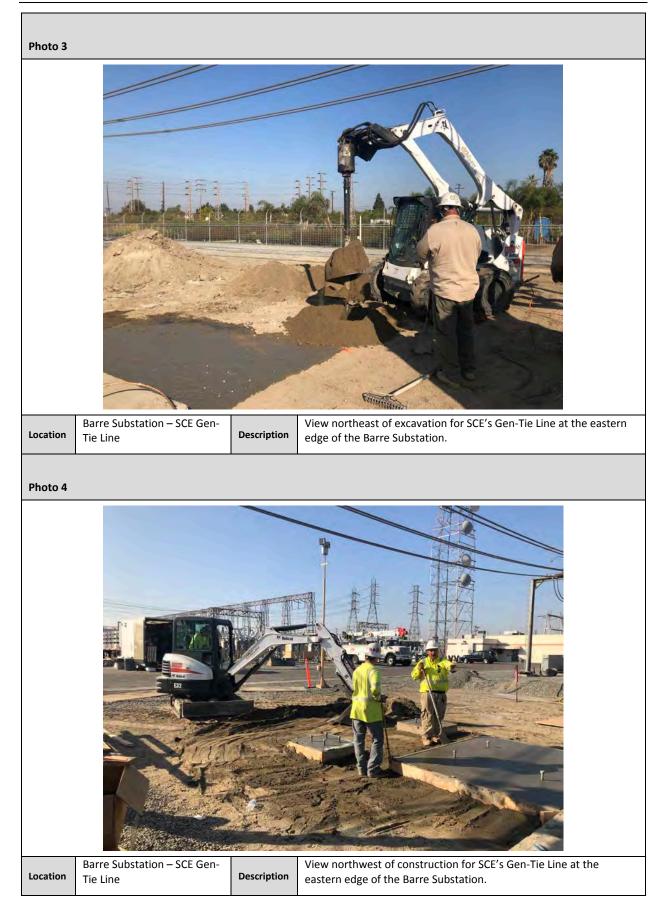
#### Items Requiring Action/Follow-up

• No specific items requiring follow-up. Monitoring of work will continue during Project construction activities.

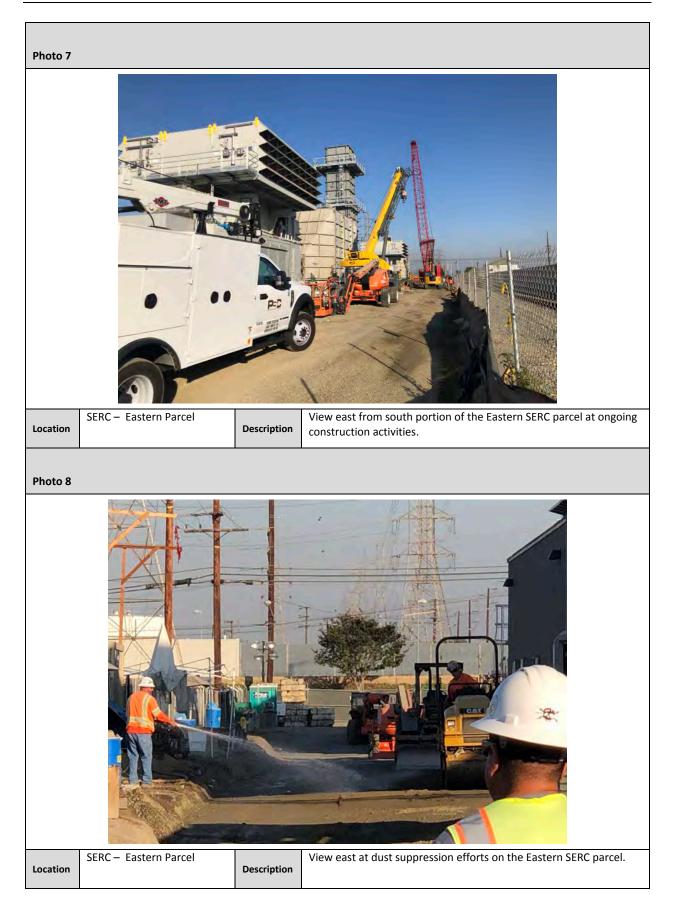
## Wildlife Species Observed:

Morning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), American crow (*Corvus brachyrhynchos*), American Kestrel (*Falco sparverius*), northern mockingbird (*Mimus polyglottos*), and house finch (*Haemorhous mexicanus*).







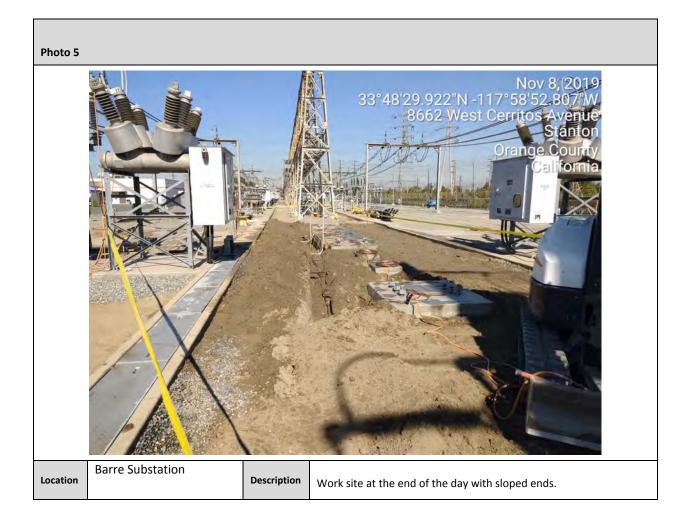


| Photo 9  |                       |             |  |
|----------|-----------------------|-------------|--|
|          |                       |             | <image/>   |
| Location | SERC – Western Parcel | Description | View southwest of break/lunch area at the end of the work day.<br>Trash is covered and no food trash was observed.   |
| Photo 10 |                       |             |  |
|          |                       |             |  |
| Location | SERC – Western Parcel | Description | View north-northwest of SERC entrance off Fern Avenue at the end<br>of the workday. Stray cats observed in the area and are being fed by<br>public off-site. |

| Stanton Energy Reliability Center (SERC)  |            |             |                         |                     |                        |                         |  |  |  |
|---|------------|-------------|-------------------------|---------------------|------------------------|-------------------------|--|--|--|
| BIOLOGICAL RESOURCES<br>COMPLIANCE MONITORING LOG   |            |             |                         |                     |                        |                         |  |  |  |
| Date Monitor Time (Begin-End)   |            |             |                         |                     |                        |                         |  |  |  |
| 11/8/19   |            |             | V                       | Villiam Roberts     |                        | 0630-1230               |  |  |  |
| Temperature<br>(°F)   | Wind       | l (mph)     | Precipitation<br>amount | Visibility          | We                     | eather Comment          |  |  |  |
| 57-84   | C          | alm         | n/a                     | Clear               |                        |                         |  |  |  |
| Location(s) of Wor  | k Site Ac  | tivities Mo | nitored                 |                     |                        |                         |  |  |  |
| Location(s) of Work Site Activities Monitored         Barre Substation         0630 Biologist arrived on-site and met with foreman Bob Dixon. He told the biologist that underground work was expected to be finished in the substation today after ground cables were attached and the trenches backfilled.         0645 A tailboard was held with Bob Dixon and Jason Crumb discussing the plan for the day. Work in the trenches would continue near the racks along with above ground electrical work throughout the substation. The biologist advised crews to ramp open trenches at the end of the day.         0700 Work began with a mini-ex trenching a small area near the recently poured concrete. Electrical work commenced to the north of the excavations.         1130 All ground cables were connected and a mini-ex began backfilling the trenches.         1200 Work began to wrap up because the electrician spotter for the digging crew left for the day. The trenches were backfilled except for an approximately 15 ft long section that will need to be finished on Tuesday. The trench was about a foot deep and very gently sloped on all sides.         1230 The site was checked by the biologist and no compliance concerns were observed. The biologist left the site. |            |             |                         |                     |                        |                         |  |  |  |
|   |            |             |                         |                     |                        |                         |  |  |  |
| Summary of Biolog   | gical Reso | ources Mor  | nitoring Observatio     | ns                  |                        |                         |  |  |  |
| Special-Status Sp<br>Nesting Bird Obs   |            |             | none                    |                     |                        |                         |  |  |  |
| Other Biological  |            |             | vations: none           |                     |                        |                         |  |  |  |
| Other Observation   | ons/Cor    | nments: 1   | The trench on site      | e had been sloped   | to allow animals to es | cape.                   |  |  |  |
| Items Requiring Ac  | tion/Fol   | low-up      |                         |                     |                        |                         |  |  |  |
| • N/A   |            |             |                         |                     |                        |                         |  |  |  |
| Wildlife Species Of   | oserved:   |             |                         |                     |                        |                         |  |  |  |
| common Raven,<br>mourning dove, I   |            |             |                         | sian collared dove, | black phoebe, house f  | inch, western kingbird, |  |  |  |







# Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

| Date                |                                  |         |                         | Monitor    | Time (Begin-End) |                |
|---------------------|----------------------------------|---------|-------------------------|------------|------------------|----------------|
| November 12, 2      | November 12, 2019 Ava Edens (DB) |         |                         |            | 1000-1300        |                |
| Temperature<br>(°F) | Win                              | d (mph) | Precipitation<br>amount | Visibility | We               | eather Comment |
| 67 - 68             | 68 0 - 5                         |         | 0 in                    | Good       | Clear and sunny  |                |

## Location(s) of Work Site Activities Monitored

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.

## SERC Site:

**Western Parcel** – Activities included dust suppression, pipe fabrication, above-ground infrastructure work, staff offices and parking, a shaded lunch area, restrooms/hand washing stations, and receiving and movement of equipment/materials.

**Eastern Parcel** – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.

Western Laydown – Activities include equipment storage, including electrical, and restrooms/hand washing stations and shaded rest/lunch areas surveyed.

Eastern Laydown – Activities included parking and storage of equipment/materials.

**Bethel Church Parking Lot** (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.

## SoCal Gas Sites:

Greek Orthodox Church Laydown - Equipment storage and office trailers.

**Dale Avenue Natural Gas Pipeline** – Monitored active sections, from West Savoy Place (north) to West Ravenswood Drive (south). Activities included trenching, pipe installation, and saw cutting concrete.

SCE:

Gen-Tie Line – Monitored construction on gen-tie line at Barre Substation.

## Summary of Biological Resources Monitoring Observations

Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.

## **Special-Status Species Observed:**

- None
- Nesting Bird Observations:
  - None
- **Other Biological Resources Observations:** 
  - None

Other Observations/Comments:

None

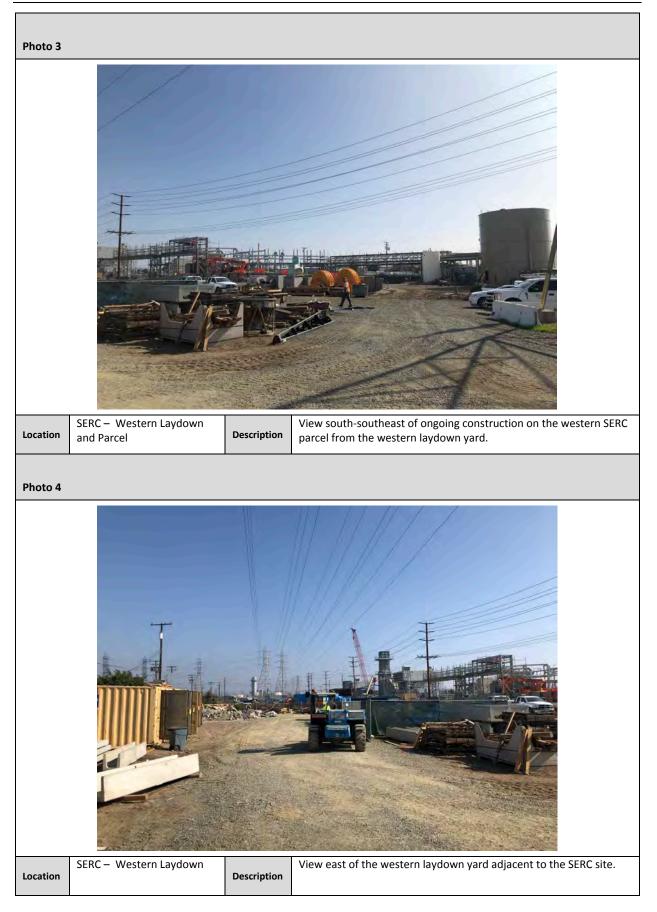
## Items Requiring Action/Follow-up

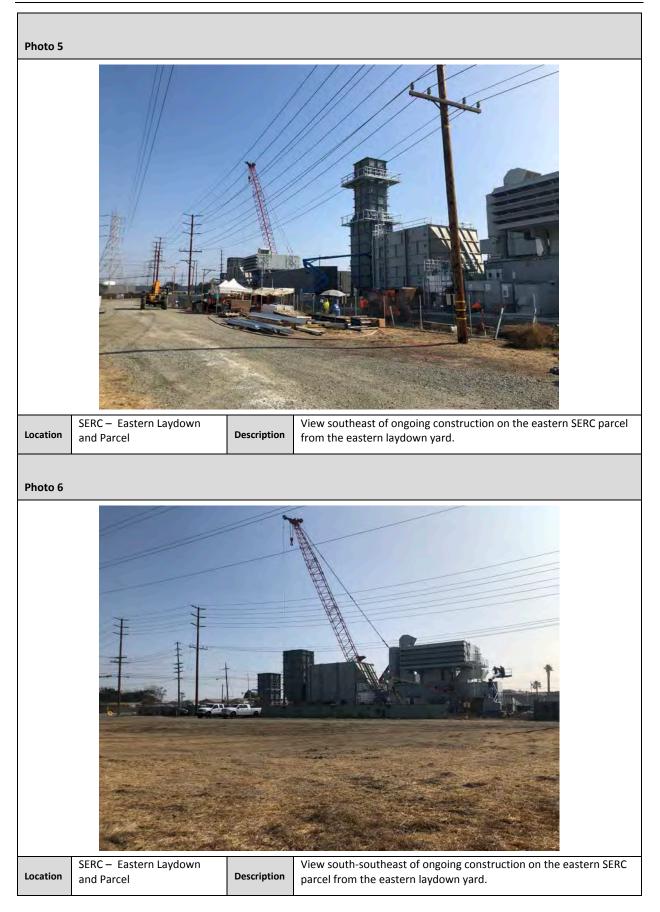
• No specific items requiring follow-up. Monitoring of work will continue during Project construction activities.

#### Wildlife Species Observed:

Morning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), American crow (*Corvus brachyrhynchos*), northern mockingbird (*Mimus polyglottos*), and house finch (*Haemorhous mexicanus*).

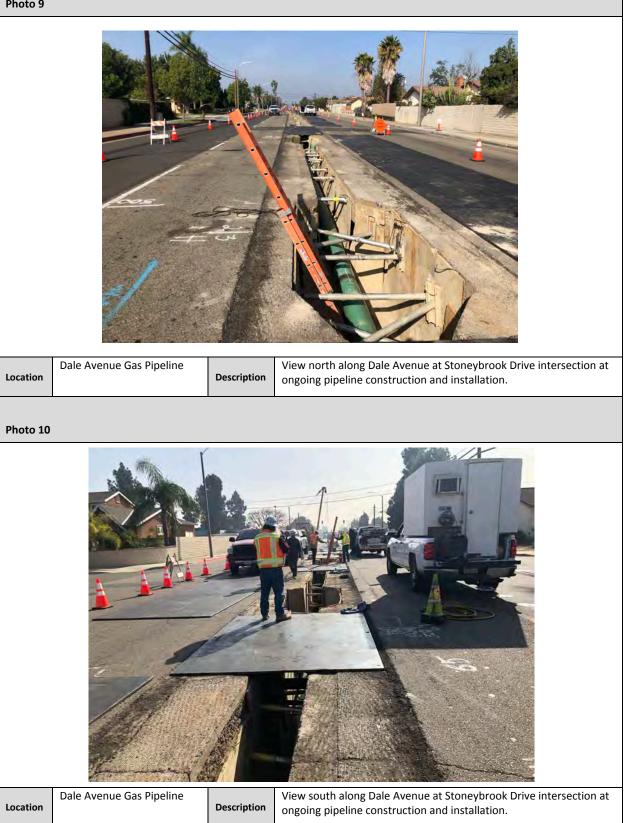






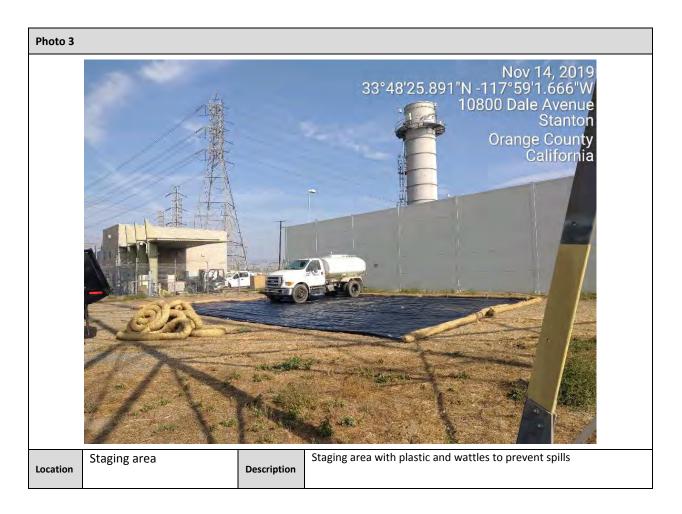
| Photo 7  |                       |             |   |
|----------|-----------------------|-------------|---|
|          |                       |             |   |
| Location | SERC – Western Parcel | Description | View west of the parking and trailers on the Western SERC parcel. |
| Photo 8  |                       |             |   |
|          |                       |             |   |
|          | Greek Orthodox Church |             | View south of the Greek Orthodox Church Laydown Yard being used   |

#### Photo 9



| Stanton Energy Reliability Center (SERC)  |                               |                         |                   |    |               |  |  |  |  |
|---|-------------------------------|-------------------------|-------------------|----|---------------|--|--|--|--|
|   |                               |                         | LOGICAL RESC      |    |               |  |  |  |  |
| Date  | Date Monitor Time (Begin-End) |                         |                   |    |               |  |  |  |  |
| 11/14/19  |                               | v                       | Villiam Roberts   |    | 0630-1320     |  |  |  |  |
| Temperature<br>(°F)   | Wind (mph)                    | Precipitation<br>amount | Visibility        | We | ather Comment |  |  |  |  |
| 57-71   | Calm                          | n/a                     | Cloudy then clear |    |               |  |  |  |  |
| Location(s) of Wor  | k Site Activities M           | onitored                |                   |    |               |  |  |  |  |
| <ul> <li>Barre Substation</li> <li>0630 Biologist arrived on-site and set up for a WEAP presentation.</li> <li>0700 8 employees of International Line Builders (ILB) were trained and received their WEAP stickers</li> <li>0900 2 employees of SCE were trained and received their WEAP stickers</li> <li>1000 A job walk occurred along the proposed trenching line with the 2 SCE employees and 5 of the ILB employees including superintendent Ignacio Lambara and the foreman on site, Gregory Tellez. Plans to avoid underground utilities along with the location of the staging area were discussed. An area just north of the railroad tracks, off of Dale st was chosen for its convenience but also the presence of security cameras.</li> <li>1100 The ILB foreman along with 3 workers laid down plastic and put wattles around the edges to create an area that will contain spills, for storing equipment. Other equipment such as a backhoe, generator, and traffic signs were dropped off at the site.</li> <li>1320 Work was complete for the date and the site was checked by the biologist. No compliance concerns were observed. The biologist left the site.</li> </ul> |                               |                         |                   |    |               |  |  |  |  |
| Summary of Biological Resources Monitoring Observations Special-Status Species Observed: none Nesting Bird Observations: none Other Biological Resources Observations: none   |                               |                         |                   |    |               |  |  |  |  |
| Other Observations/Comments: The trench on site had been sloped to allow animals to escape.   |                               |                         |                   |    |               |  |  |  |  |
| • N/A   | uon/ronow-up                  |                         |                   |    |               |  |  |  |  |
| Wildlife Species O  | bserved:                      |                         |                   |    |               |  |  |  |  |
| common Raven, American crow, rock pigeon, Eurasian collared dove, black phoebe, red-tailed hawk, house finch, western kingbird, mourning dove   |                               |                         |                   |    |               |  |  |  |  |





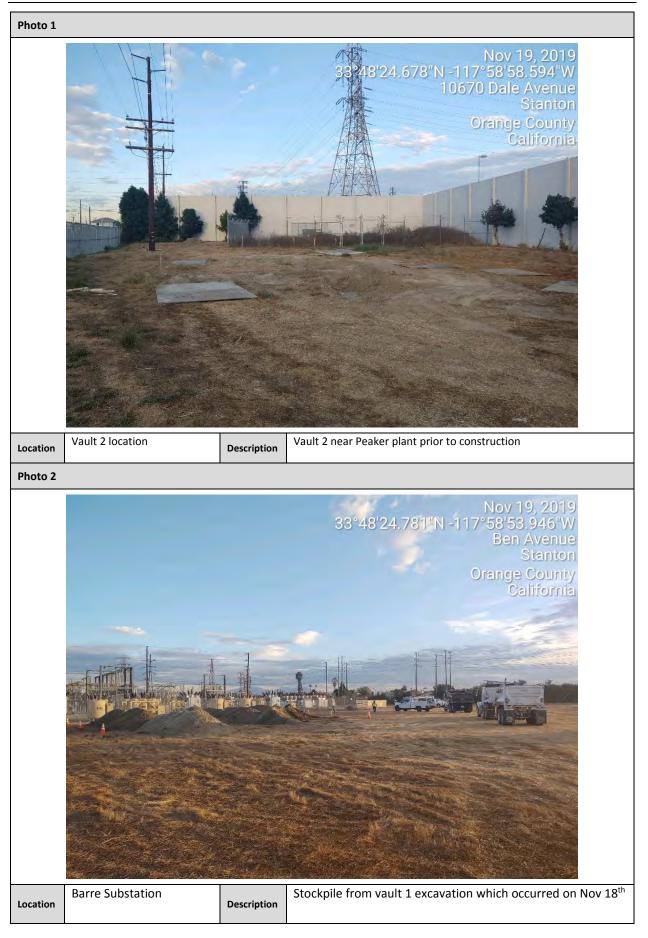
| Stanton Energy Reliability Center (SERC)   |              |           |                         |                     |                        |                               |  |  |  |
|--|--------------|-----------|-------------------------|---------------------|------------------------|-------------------------------|--|--|--|
| BIOLOGICAL RESOURCES<br>COMPLIANCE MONITORING LOG  |              |           |                         |                     |                        |                               |  |  |  |
| Date Monitor Time (Begin-End)  |              |           |                         |                     |                        |                               |  |  |  |
| 11/15/19   |              |           | V                       | Villiam Roberts     |                        | 0630-1530                     |  |  |  |
| Temperature<br>(°F)  | Wind (r      | mph)      | Precipitation<br>amount | Visibility          | We                     | eather Comment                |  |  |  |
| 57-69  | Calr         | m         | n/a                     | Cloudy then clear   |                        |                               |  |  |  |
| Location(s) of Wor   | k Site Activ | vities Mo | nitored                 |                     |                        |                               |  |  |  |
| <ul> <li>Barre Substation</li> <li>0630 Biologist arrived on-site and met with Gregory Tellez and his crew for a tailboard. Gregory outlined the plan for the day which was to pothole in 4 locations including both vaults. He also emphasized to his crew the need to ramp or cover any trenches.</li> <li>0700 3 ILB workers began potholing with a backhoe at vault location #2 (closer to Peaker) while two others began potholing with hand tools alongside the Barre substation, next to the nursery. At the same time, Sunmin Choi, an employee of Paleo solutions, received WEAP training.</li> <li>1000 The backhoe was temporarily finished at vault location #2 and it moved to vault location #1 (closer to Barre). Workers with hand tools finished working alongside the fence, backfilled the holes they dug, and moved to vault location #2.</li> <li>1330 With the other work complete the crew moved back to vault #2 to finish one more pothole. The pothole at vault location #1 was backfilled upon completion. Due to the crew finding copper wiring in a location near vault #2 extra potholes were needed which were dug with the backhoe.</li> <li>1515 Potholing was finished and all the holes except one were backfilled. The one not backfilled was covered with plywood.</li> <li>1530 Work was complete for the date and the site was checked by the biologist. No compliance concerns were observed.</li> </ul> |              |           |                         |                     |                        |                               |  |  |  |
| The biologist left   |              |           | iteria Oleanaia         |                     |                        |                               |  |  |  |
| Summary of Biolog  | ical Kesoul  | rces wor  | intoring Observatio     | 115                 |                        |                               |  |  |  |
| Special-Status Sp  | ecies Obs    | served:   | none                    |                     |                        |                               |  |  |  |
| Nesting Bird Obs   | ervations    | s: none   |                         |                     |                        |                               |  |  |  |
| Other Biological   | Resource     | s Observ  | vations: none           |                     |                        |                               |  |  |  |
| Other Observation  | ons/Comn     | ments: T  | he trench on site       | e had been sloped   | to allow animals to es | cape.                         |  |  |  |
| Items Requiring Ac   | tion/Follov  | w-up      |                         |                     |                        |                               |  |  |  |
| • N/A  |              |           |                         |                     |                        |                               |  |  |  |
| Wildlife Species Ob  | oserved:     |           |                         |                     |                        |                               |  |  |  |
| common Raven,<br>kingbird, mourniı   |              |           |                         | sian collared dove, | black phoebe, red-tail | ed hawk, house finch, western |  |  |  |

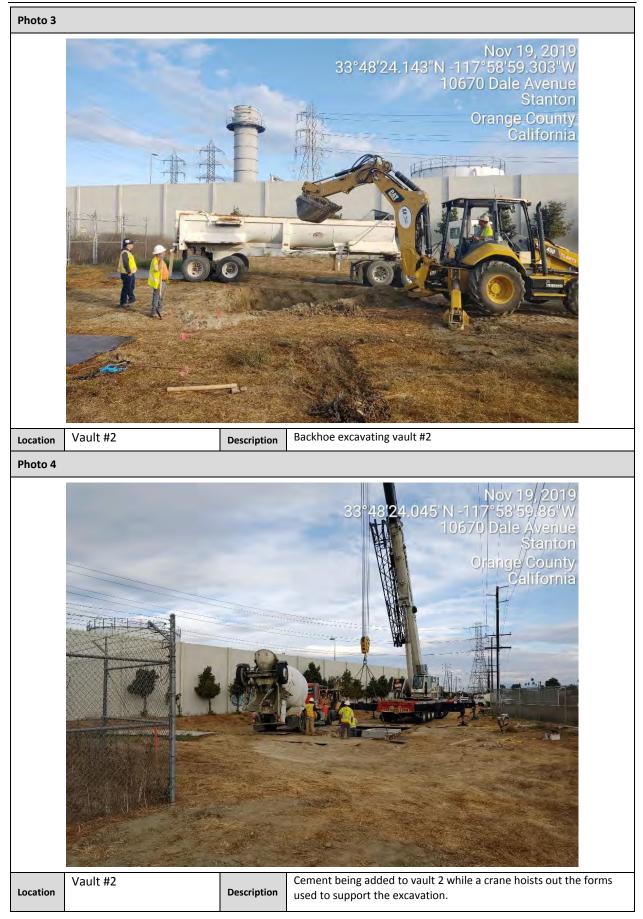


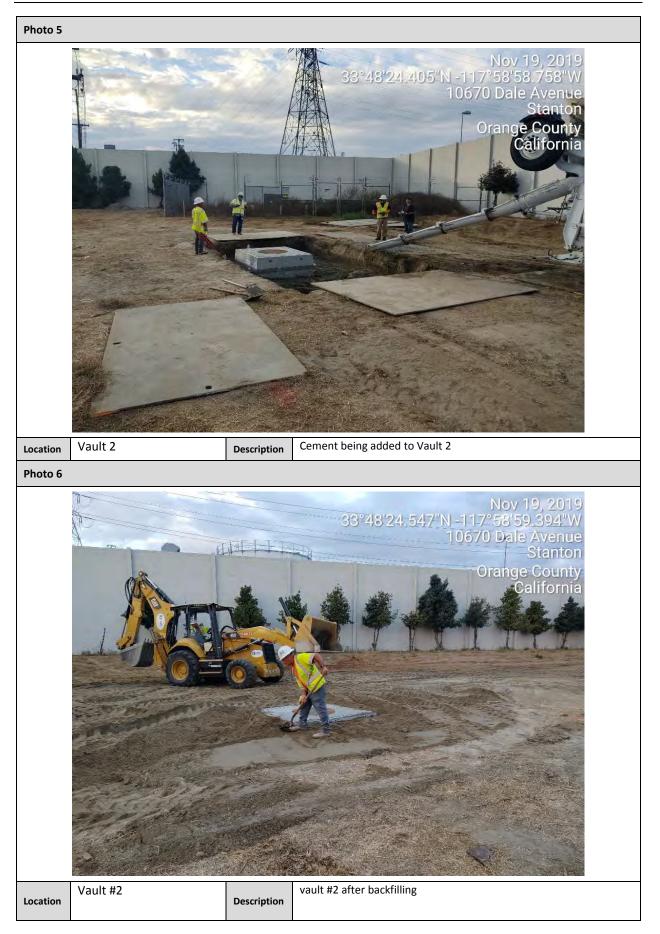




| Stanton Energy Reliability Center (SERC)<br>BIOLOGICAL RESOURCES<br>COMPLIANCE MONITORING LOG   |   |             |                         |                     |                        |                               |  |  |  |
|---|---|-------------|-------------------------|---------------------|------------------------|-------------------------------|--|--|--|
| Date Monitor Time (Begin-End)   |   |             |                         |                     |                        |                               |  |  |  |
| 11/19/19  |   |             | ۷                       | Villiam Roberts     |                        | 0630-1700                     |  |  |  |
| Temperature<br>(°F)   | Win   | d (mph)     | Precipitation<br>amount | Visibility          | We                     | eather Comment                |  |  |  |
| 60-74   | C   | alm         | n/a                     | Partly cloudy       |                        |                               |  |  |  |
| Location(s) of Wor  | k Site Ad   | tivities Mo | nitored                 |                     |                        |                               |  |  |  |
| #2.<br>0700 Work began<br>excavation. A wa<br>0800 A backhoe I<br>the east. The du<br>0845 WEAP train<br>1000 WEAP train<br>1200 The excavat<br>1300 The vault w<br>1615 The cement<br>truck, backfilled t  | 0645 A tailboard was held during which ILB foreman Gregory Tellez went over the plan for the day which was to install vault |             |                         |                     |                        |                               |  |  |  |
| Summary of Biolog   | ical Res  | ources Mor  | nitoring Observatio     | ns                  |                        |                               |  |  |  |
| Summary of Biological Resources Monitoring Observations         Special-Status Species Observed: none         Nesting Bird Observations: none         Other Biological Resources Observations: none         Other Observations/Comments: One open trench was covered with plywood.         Items Requiring Action/Follow-up |   |             |                         |                     |                        |                               |  |  |  |
| • N/A   |   |             |                         |                     |                        |                               |  |  |  |
| Wildlife Species Ob   | oserved:  |             |                         |                     |                        |                               |  |  |  |
| common Raven,<br>kingbird, mournii  |   |             |                         | sian collared dove, | Say's phoebe, red-tail | ed hawk, house finch, western |  |  |  |



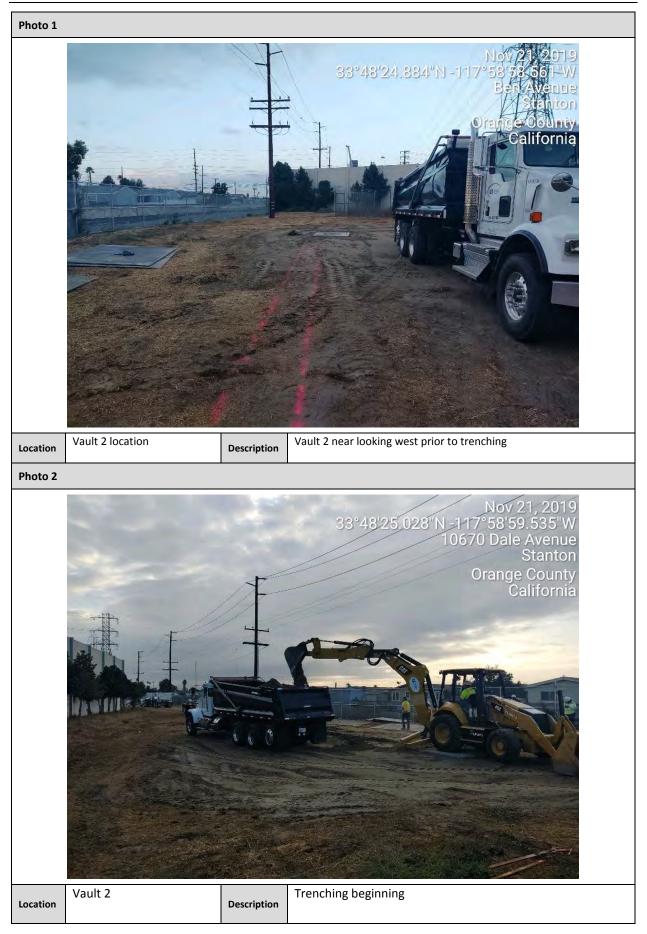




| Stanton Energy Reliability Center (SERC)<br>BIOLOGICAL RESOURCES<br>COMPLIANCE MONITORING LOG |                          |                          |                                       |   |                         |  |
|---|--------------------------|--------------------------|---------------------------------------|---|-------------------------|--|
| Date  |                          |                          |                                       | Monitor                                     |                         | Time (Begin-End)   |
| 11/21/19  |                          |                          | V                                     | Villiam Roberts                             |                         | 0630-1700  |
| Temperature<br>(°F)   | Wind                     | (mph)                    | Precipitation<br>amount               | Visibility                                  | We                      | eather Comment   |
| 52-65   | 0-                       | -3                       | n/a                                   | Partly cloudy                               |                         |  |
| Location(s) of Worl   | k Site Acti              | ivities Mo               | nitored                               |   |                         |  |
| trenching, beginr<br>0700 Work begar  | ning from<br>n with a b  | n vault 2 a<br>backhoe l | and moving east.<br>being used to mo  | ve conduit from a f                         | latbed truck to sectior | ne day which was to begin<br>ns along the proposed trenching                                     |
| 0715 One more II  | LB worke<br>aded into    | er was W<br>o dump tr    | EAP trained. Mea                      | anwhile the backho<br>o the stockpile to tl |                         | iching at vault 2. Fill from the ture of the ground, which is                                    |
| This allowed wor  | kers to sa<br>s pulled t | afely ente<br>through t  | er the trench and them. During this   | begin the process<br>time another flate     | of installing conduit.  | nd supported with metal braces<br>As segments of the conduit were<br>workers began disassembling |
| 1100 The forms ι  | used for t               | the vault                | excavations were                      | e removed from site                         | 2.                      |  |
|   |                          |                          |                                       |   |                         | Illed. Cement trucks continued s where the conduit was still                                     |
| the trench with p<br>approximately a f  | lywood l<br>foot fron    | boards aı<br>n ground    | nd metal sheets.<br>level and was lef | The section in the topen. The concre        | middle that had concre  | prevent animals from becoming  |
| Two deep sectior  | ns of the                | trench w                 | vere covered, and                     | escape ramps wer                            |                         | nce concerns were observed.<br>v portions. The conduit that wa<br>ite.                           |
| Summary of Biolog   | ical Reso                | urces Mor                | nitoring Observatio                   | ns  |                         |  |
| Special-Status Sp   | ecies Ob                 | oserved:                 | none                                  |   |                         |  |
| Nesting Bird Obs  | ervation                 | is: none                 |                                       |   |                         |  |
| Other Biological  | Resource                 | es Observ                | vations: none                         |   |                         |  |
|   |                          |                          |                                       |   |                         |  |

Wildlife Species Observed:

Eurasian collared dove, common Raven, American crow, house wren, rock pigeon, , Say's phoebe, red-tailed hawk, house finch, western kingbird, mourning dove, California gull, black phoebe







## Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

| Date                |     | Monitor |                         |            | Time (Begin-End) |                    |
|---------------------|-----|---------|-------------------------|------------|------------------|--------------------|
| November 22, 2019   |     |         | Cara Snellen            |            | 1030-1300        |                    |
| Temperature<br>(°F) | Win | d (mph) | Precipitation<br>amount | Visibility | We               | eather Comment     |
| 67 - 69             | 1   | - 2     | 0.0 in                  | Good       | Clea             | r to partly cloudy |

#### Location(s) of Work Site Activities Monitored

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.

#### SERC Site:

**Western Parcel** – Activities included pipe fabrication and movement of equipment/materials. No construction occurring during spot check; drip pans present under idle equipment.

**Eastern Parcel** – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.

Western Laydown – Activities include equipment storage and movement of equipment/materials.

Eastern Laydown – Activities included parking and storage of equipment/materials.

**Bethel Church Parking Lot** (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.

#### SoCal Gas Sites:

**Greek Orthodox Church Laydown** – Activities include movement and storage of materials and office management (office trailers).

**Dale Avenue Natural Gas Pipeline** – Active sections extended from Dale Jr. High School (north of Ball St.) to halfway between Chanticleer and Cerritos Ave (south). Activities included trenching, pipe installation, and saw cutting concrete.

#### SCE:

Gen-Tie Line – Activities include construction on gen-tie line at Barre Substation.

#### Summary of Biological Resources Monitoring Observations

Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.

#### Special-Status Species Observed:

None

**Nesting Bird Observations:** 

• None

**Other Biological Resources Observations:** 

• None

#### **Other Observations/Comments:**

• None

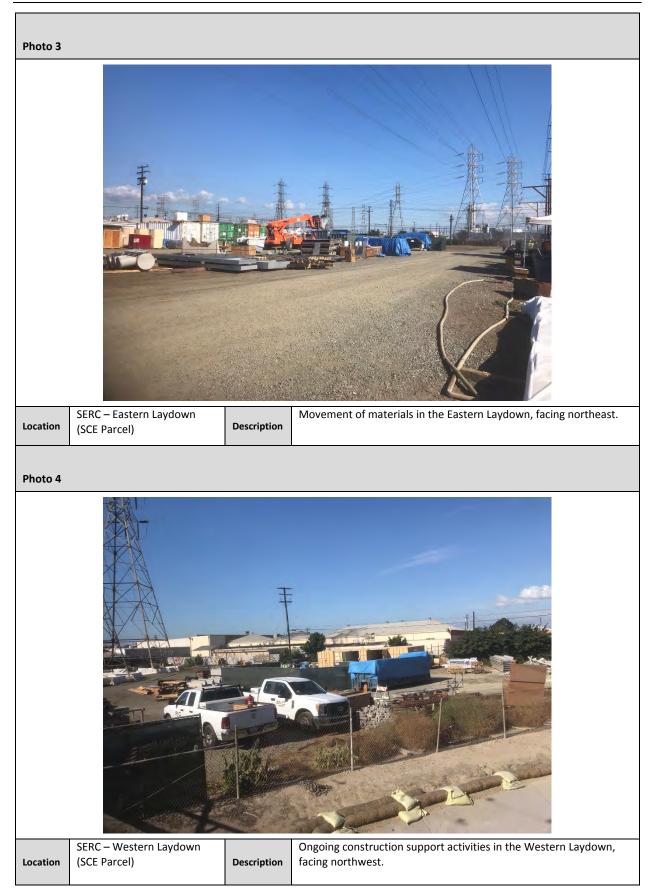
#### Items Requiring Action/Follow-up

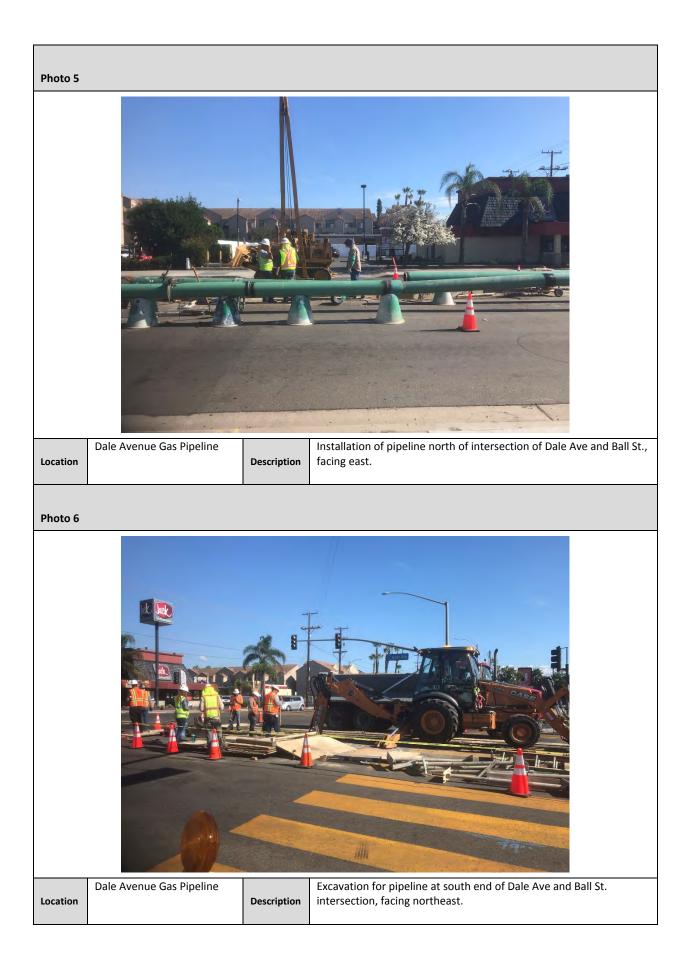
• No specific items requiring follow-up Monitoring of work will continue during Project construction activities.

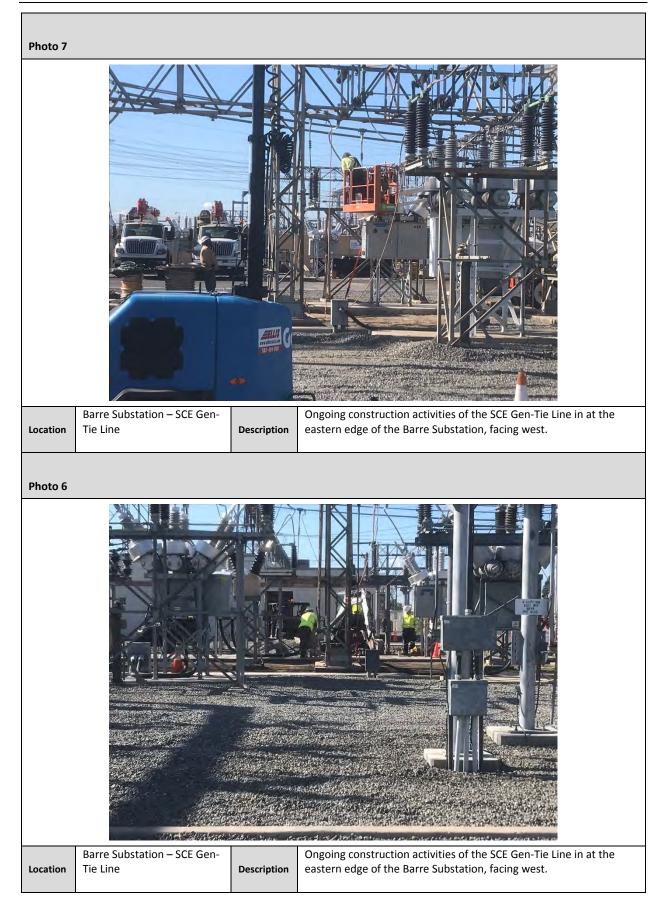
#### Wildlife Species Observed:

**Birds:** Northern mockingbird (*Mimus polyglottos*), Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*)









## Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

| Date |                     |      | Monitor |                         |            | Time (Begin-End) |                    |           |
|------|---------------------|------|---------|-------------------------|------------|------------------|--------------------|-----------|
|      | November 25, 2      | 2019 |         | Cara Snellen            |            | Cara Snellen     |                    | 1200-1445 |
|      | Temperature<br>(°F) | Wind | d (mph) | Precipitation<br>amount | Visibility | We               | eather Comment     |           |
|      | 66 - 68             | 5    | - 10    | 0.0 in                  | Good       | Clea             | r to partly cloudy |           |

#### Location(s) of Work Site Activities Monitored

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.

#### SERC Site:

Western Parcel – Activities included pipe fabrication, electrical work, and movement of equipment/materials.

**Eastern Parcel** – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.

Western Laydown - Activities include parking, equipment storage, and movement of equipment/materials.

Eastern Laydown - Activities include parking, pipe/materials fabrication, and storage of equipment/materials.

**Bethel Church Parking Lot** (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.

#### SoCal Gas Sites:

**Greek Orthodox Church Laydown** – Activities include pipe fabrication, movement and storage of materials, and office management (office trailers).

**Dale Avenue Natural Gas Pipeline** – Active sections extended from south of Crescent Ave./Greek Orthodox Church Laydown (north) to north of Lincoln Ave. (south) and Dale Jr. High School (north of Ball St.) to Winston Ave. (south). Activities included asphalt paving concrete (Crescent section), concrete pour, trenching, and pipe installation.

#### SCE:

**Gen-Tie Line** – Activities include construction on gen-tie line at Barre Substation and trenching south of the nursery (east of the substation fenceline).

#### Summary of Biological Resources Monitoring Observations

Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.

#### Special-Status Species Observed:

None

#### **Nesting Bird Observations:**

- None
- **Other Biological Resources Observations:** 
  - None

#### **Other Observations/Comments:**

None

#### Items Requiring Action/Follow-up

• No specific items requiring follow-up Monitoring of work will continue during Project construction activities.

#### Wildlife Species Observed:

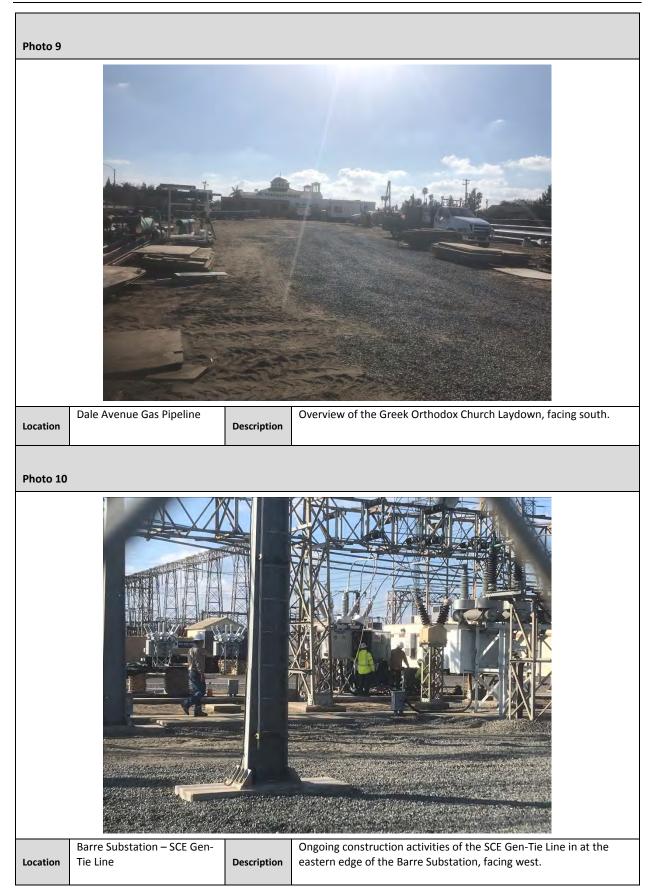
**Birds:** American crow (*Corvus brachyrhynchos*), Northern mockingbird (*Mimus polyglottos*), Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), red-tailed hawk (*Buteo jamaicensis*), side blotched lizard (*Uta stansburiana*)

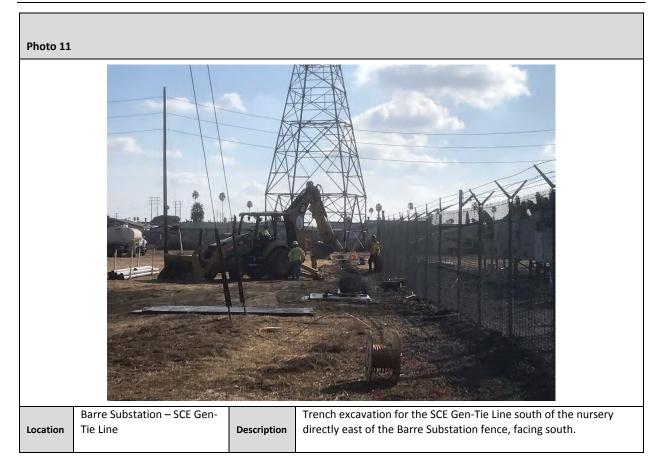






| Photo 7  |                          |             |  |
|----------|--------------------------|-------------|--|
|          |                          |             |  |
| Location | Dale Avenue Gas Pipeline | Description | Trench excavation at intersection of Ball St. and Dale Ave., facing northeast. |
| _        |                          |             |  |
| Photo 8  |                          |             |  |
| Photo 8  | Dale Avenue Gas Pipeline |             | Pipe installation in trench south of Ball St./Dale Ave. intersection.,         |



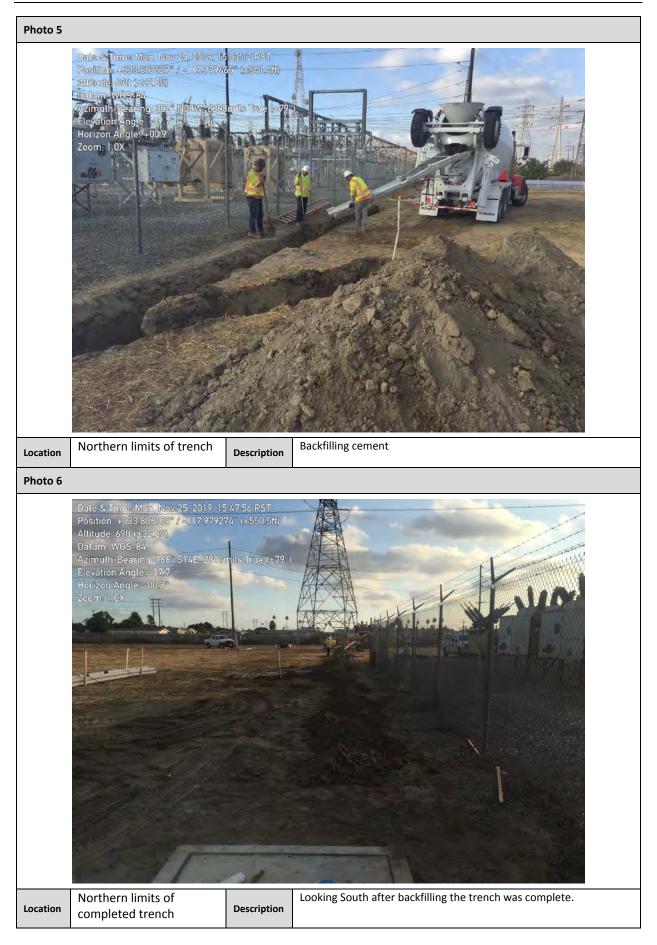


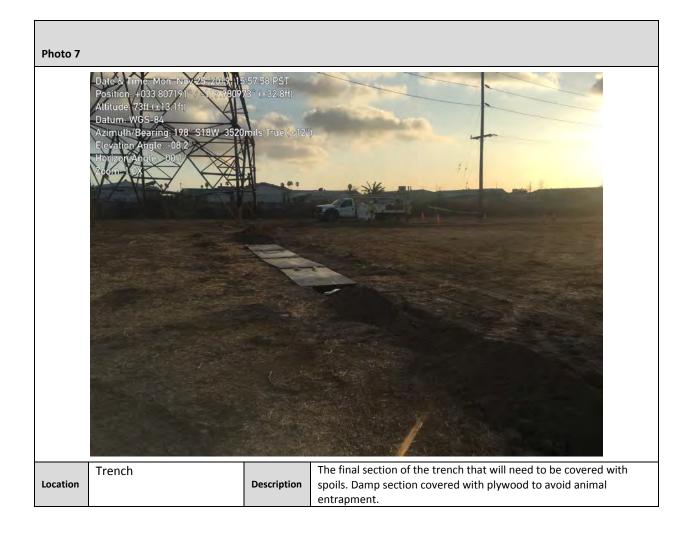
| Stanton Energy Reliability Center (SERC)<br>BIOLOGICAL RESOURCES<br>COMPLIANCE MONITORING LOG  |   |                             |                 |    |                  |  |  |
|--|---|-----------------------------|-----------------|----|------------------|--|--|
| Date   |   |                             | Monitor         |    | Time (Begin-End) |  |  |
| 11/25/19   |   | Jo                          | onathan Gunther |    | 0645-1600        |  |  |
| Temperature<br>(°F)  | Wind (mp                                      | oh) Precipitation<br>amount | Visibility      | We | eather Comment   |  |  |
| 50-68  | 0-7   | n/a                         | Partly cloudy   |    |                  |  |  |
| Location(s) of Wor   | k Site Activiti                               | es Monitored                |                 |    |                  |  |  |
| laying conduit an<br>0700 a flatbed tru<br>was installed furt<br>0800 Excavation<br>trenching progre<br>allowed workers<br>installed wire wa<br>0900 A cement tr<br>1100 One new IL<br>1230 After lunch<br>1600 Work was co<br>but one small sec<br>section which wa | Location(s) of Work Site Activities Monitored |                             |                 |    |                  |  |  |
| Summary of Biological Resources Monitoring Observations Special-Status Species Observed: none Nesting Bird Observations: none Other Biological Resources Observations: none Other Observations/Comments: none  |   |                             |                 |    |                  |  |  |
| Items Requiring Ac<br>• N/A<br>Wildlife Species Ob   |   | up                          |                 |    |                  |  |  |
| Eurasian collared dove, house sparrow, rock nigeon, Say's phoebe, red-tailed hawk, house finch, mourning dove, black   |   |                             |                 |    |                  |  |  |

Eurasian collared dove, house sparrow, rock pigeon, Say's phoebe, red-tailed hawk, house finch, mourning dove, black phoebe, white-crowned sparrow, yellow-rumped warbler, American kestrel, palm warbler, blue-gray gnatcatcher, California scrub-jay, Northern mockingbird, lesser goldfinch









Appendix B Wildlife Species List

#### Observed Wildlife Species List November 1 – November 30, 2019 Stanton Energy Reliability Center

| Common Name            | Scientific Name        | Status<br>Federal/State/Other |
|------------------------|------------------------|-------------------------------|
| Birds                  |                        |                               |
| American crow          | Corvus brachyrhynchos  | //                            |
| American kestrel       | Falco sparverius       | //                            |
| Anna's hummingbird     | Calypte anna           | //                            |
| Black phoebe           | Sayornis nigricans     | //                            |
| Blue-gray gnatcatcher  | Polioptila caerulea    | //                            |
| California gull        | Larus californicus     | //                            |
| California scrub-jay   | Aphelocoma californica | //                            |
| Cassin's kingbird      | Tyrannus vociferans    | //                            |
| Common raven           | Corvus corax           | //                            |
| Eurasian collared dove | Streptopelia decaocto  | //NP                          |
| European starling      | Sturnus vulgaris       | //NP                          |
| House finch            | Haemorhous mexicanus   | //                            |
| House sparrow          | Passer domesticus      | //NP                          |
| Lesser goldfinch       | Spinus psaltria        | //                            |
| Mourning dove          | Zenaida macroura       | //                            |
| Northern mockingbird   | Mimus polyglottos      | //                            |
| Palm warbler           | Setophaga palmarum     | //                            |
| Red-tailed hawk        | Buteo jamaicensis      | //                            |
| Rock pigeon            | Columba livia          | //NP                          |
| Say's phoebe           | Sayornis saya          | //                            |
| Western kingbird       | Tyrannus verticalis    | //                            |
| White-crowned sparrow  | Zonotrichia leucophrys | //                            |
| Yellow-rumped warbler  | Setophaga coronata     | //                            |

#### Status Codes:

If status codes are not provided, the species is not a special-status species.

Federal:

FE = Federally listed Endangered: species in danger of extinction throughout a significant portion of its range FT = Federally listed Threatened: species likely to become endangered within the foreseeable future

BCC = Birds of Conservation Concern

#### State:

SE = State listed as Endangered

ST = State listed as Threatened

FP = Fully Protected

SSC = Species of Special Concern - Species of special concern to California Department of Fish and Wildlife (CDFW) due to declining population levels, limited ranges, and/or continuing threats have made them vulnerable to extinction.

S = Sensitive

WL = Watch List

SP = Special Animals List

#### Other:

Bureau of Land Management (BLM), United States Department of Interior - Sensitive (S)

California Department of Forestry and Fire Protection (CDF) classifies "sensitive species" as those species that warrant special protection during timber operations.

United States Forest Service (USFS) – Sensitive (S)

NP = Not Protected (Introduced Species)

Appendix C WEAP Training Log

Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

| No.    | Employee Name                         | Company                               | Signature 🔿                            | Date ,    |
|--------|---------------------------------------|---------------------------------------|--|-----------|
| 1.     | HUMBERTO LOPEZ                        | ARB                                   | Cionto Lano                            | 10/28/19  |
| 2.     | OSCUN PUJILER                         | neutron                               | 1000                                   | 10/20/19  |
| 3.     | Kile Sterry                           | Newtron                               | 1 cm                                   | 10/34/19  |
| 4.     | JESUS LORREA                          | NEW TRAN                              |  | 10/31/19  |
| 5.     | Men Zheng                             | AXRLAD                                | Mu                                     | 11/1/19   |
| 6.     | Anthony Stumpt                        | Gregg Drilling                        | CALL.                                  | 11-1-19   |
| 7.     | Christian Renter. G                   | W J                                   |  |           |
| 8.     | prey togenhuizen                      | PCL                                   | 2012                                   | 11-1-2019 |
| 9.     | eter Lee                              | Rubicon                               | Tet a                                  | 11-1-2019 |
| 10.    | Alex no reino                         | hybicon                               | allom                                  | 11-1-2010 |
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

| No.        | Employee Name         | Company<br>کے بک | Signature   | Date    |
|------------|-----------------------|------------------|-------------|---------|
| 1.         | Cody Porter           | GE               | addate-     | 11-6-19 |
| 2.         | Timothy witzel        | ARB<br>ARB       |             | 11-7-19 |
| 2.<br>3.   | Eric / Colato         | ARB              | - gale      | 11-8-19 |
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

| No.    | Employee Name                         | Company     | Signature         | Date                            |
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| 1.     | Aavan Anderson                        | Nolan Power | A-tal ana         | 11/11/19                        |
| 2.     | ROMMIN REELE                          | No an Power | R-1(+R-().        | 11/11/19                        |
| 3.     | THOMAE T-LOURNON                      | NEWTRON     | TITI              | 113-19                          |
| 4.     | GERMAN RAMINER                        | NEWTRON     | 127 D             | 11/13/19                        |
| 5.     | C.F Quinn                             | Nentron     |                   | 11/10/19                        |
| 6.     | Chins Herms                           | SERC        | Monthes           | 11/13/19                        |
| 7.     | RICHARD VERSTURA                      | NEWTERON    | Builtich          | 11/14/19                        |
| 8.     | GERSED RETES                          | MEUMA       | jump-             | 11/11/19                        |
| 9.     | Dougd A Churet                        | CMC         | David A. Chame    | 11/19/19                        |
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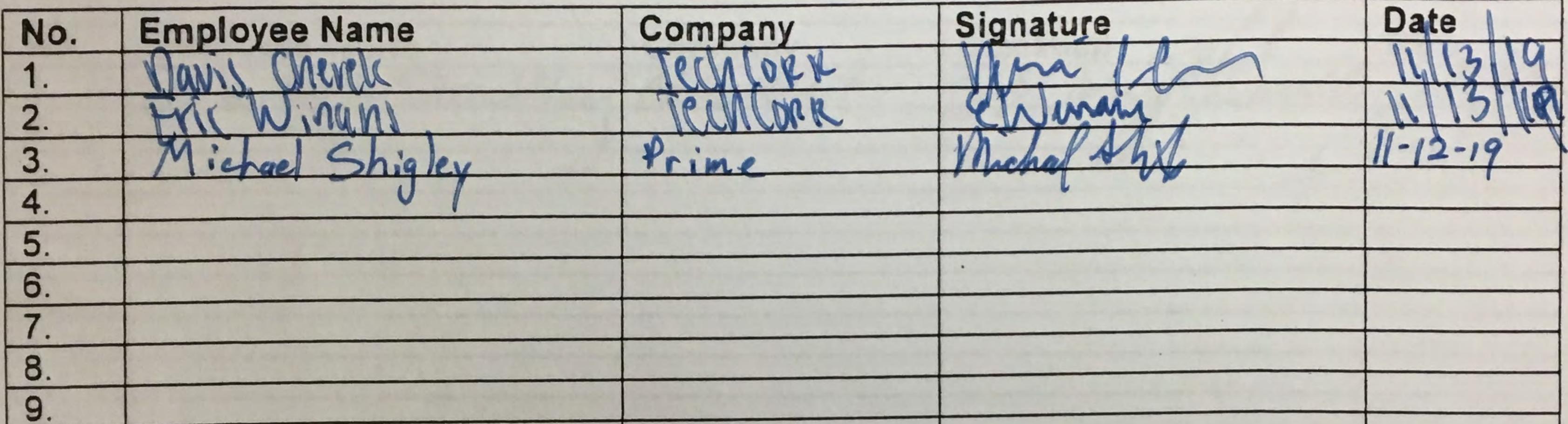
Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

| No.   | Employee Name                         | Company                               | Signature     | Date     |
|-------|---------------------------------------|---------------------------------------|---------------|----------|
| 1.    | DEMMIS DOROSLAMA                      | NEUTRON                               | Dert          | 11/18/19 |
| 2.    | EC JIMISON                            | Wellhead                              | ECT           | 11-18-19 |
| 3.    | Margarite Bank                        | MEB                                   | John Man      | 11/18/19 |
| 4.    | TUSTIN DERINA                         | ARR                                   | - XXX         | 11-18-19 |
| 5.    | Sorralla New Yord                     | ALUNTON                               | - Optil you   | 11.18.15 |
| 6.    | KEVIN DIKEMD                          | NEWTRICK                              | KD            | 11-20-19 |
| 7.    | DUSTIN MORROW                         | NEWITZON                              | Outhing       | 11-20-19 |
| 8.    | OSCAR ESPERANZA                       | anc                                   | Carlester     | 11/2/119 |
| 9.    | OSCAR ESPERAUZA                       | CMC                                   | - The         | 11/2/19_ |
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees



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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

|     |                  |         |           | 6             |       |        |
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| No. | Employee Name    | Company | Signature | all.          | Date  | 1/2 01 |
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

| No.                                    | Employee Name   | Company         | Signature                  | Date     |
|--|---|-----------------|----------------------------|----------|
| 1.<br>2.                               | Megan Dokam   | Jacobs/Pahowest | Signature<br>WWW WML       | 11/20/19 |
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

| No.  | Kyan VerJuss   | Company  | Signature | Date<br>11/25   |
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# 3

# Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education (Environmental Awareness) Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

| No. | Employee Name                      | Company | Signature  | Date,     |
|-----|------------------------------------|---------|------------|-----------|
| 1.  | CARLOS JoHN SON                    | SCE     | and        | 11/4/19   |
| 2.  | Rolando Bermudez                   | SLE     | Aluto Burn | + ululis  |
| 3.  | Andrew Manos                       | SCE     | the the    | 11/04/19  |
| 4.  | Chris GONZAIEZ                     | SCE     | Gin        | - 11/04/1 |
| 5.  | CURRES GONZAIEZ<br>CURRES Prenti-5 | ERM     | custa      | 11/01/19  |
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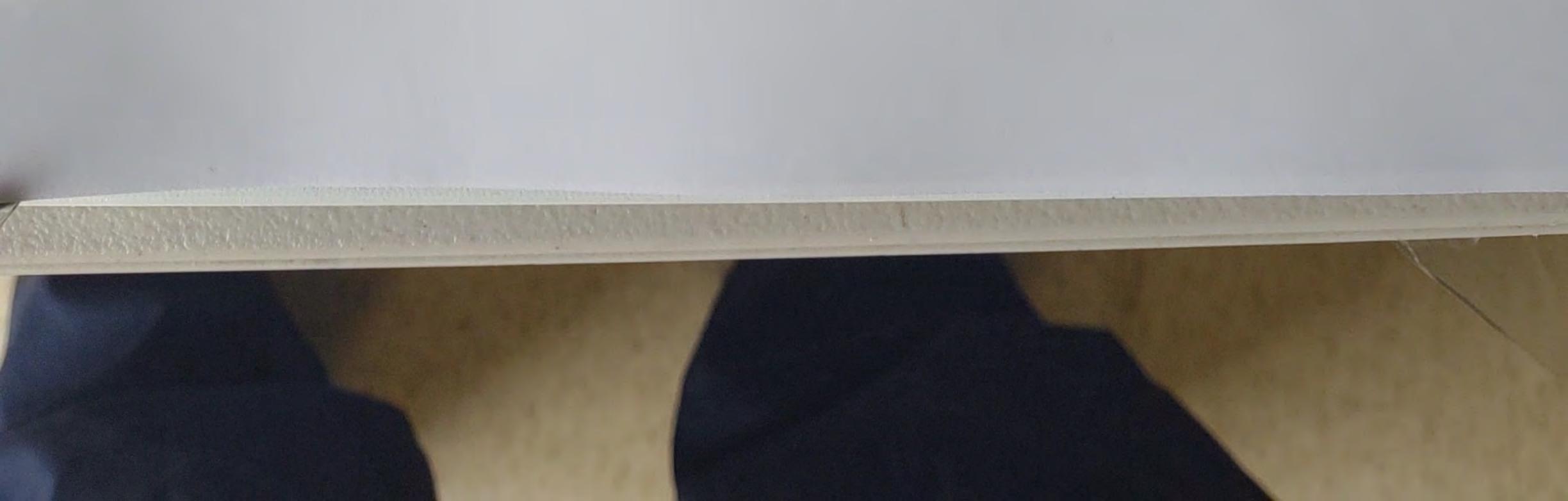


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| No. | Employee Name   | Company         | Signature     | Date       |
|-----|---|-----------------|---------------|------------|
| 1.  | Ignacio Lambaven In   | T.L.B.          | The           | 11/14/19 . |
| 2.  | BEN WERVER  | ILB .           | Billy         | 11/14/19   |
| 3.  | A. Adala  | IIB             | A.A.          | 11/19/19   |
| 4.  | Salvador A' B, forres 05  | -+LB            | Oh.           | 11-14-19   |
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| 6.  | Josue Teller  | ILB             | Josu allo     | 11-14-19   |
| 7.  | ANONIC VOLERSEZ   | TIB             | ENGNIO YEEREN | 21-54-15   |
| 8.  | MANTE OGNELAS   | UM/SCEINSTELTOK | mychins       | 11-14-19   |
| 9.  | Judy ARTINO   | SCE             | gudy an       | 11-14-19   |
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Date: // 1/4/19 Trainer: Will Roberts Signature: Man



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Date

| No. | Employee Name                 | Company  | Signature                             | Date<br>11/1 19</th |
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

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| 10.      | Employee Name              | Company | Signature   | 11-19-19 |
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|          | Lee Cowan                  | LLB     | Au forma    | 11-19-19 |
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| No.                      | Employee Name                        | Company | Signature | Date   |
|--------------------------|--------------------------------------|---------|-----------|--------|
| 1.                       | Employee Name<br>NICHCIAS ISVESSMENT | FLB     | June      | 11-arm |
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Trainer: Will Roberts Signature: Con Date: 1/ 12/ 119



Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education <u>(Environmental Awareness)</u> Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

| No.                        | Employee Name | Company | Signature | Date |
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Trainer: Jonathan Gunthe Signature:

Date: 11 / 25/ 2019

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Attachment 5 – CIVIL



# MEMORANDUM – DCBO APPROVAL

**DATE:** October 16, 2019

TO: Engineering Manager Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Jennifer Peterson, PE, Civil Engineer NV5, Inc. jennifer.peterson@nv5.com 858-385-2130 Digitally signed by Jennifer Peterson Reason: Reviewed for Code Compliance Date: 2019.10.16 11:43:25 -07'00'

CC: Eric Rodriguez, Lead Engineer NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_CIVIL-1-1.0\_GRADING & DRAINAGE\_191011\_PCF

### **MEMORANDUM:**

This memorandum is to inform you that NV5, the Delegate CBO for the **STANTON ENERGY RELIABILITY CENTER (16-AFC-01)**, has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

Attachment 6 – Cultural Resources

# Cultural Resources Monitoring Activities Monthly Compliance Report for the Stanton Energy Reliability Center Project (16-AFC-1C) November 2019

| Prepared For:         | John Heiser/California Energy Commission<br>Tim Bofman/SERC, LLC                               |
|-----------------------|--|
| Copies:               | Sharon Stureman, SERC, LLC<br>Doug Davy/Jacobs<br>Karen Parker/Jacobs<br>Phil Reid, CRS/Jacobs |
| Prepared By:          | Gloriella Cardenas, Alternate CRS / PaleoWest  |
| Reporting For Period: | November 2019  |

This November 2019 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from November 1 through November 30, 2019 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. Excavations in October included a structure 4A box vault excavation in Parcel 1 of the SERC Plant and the off-site Southern California Gas (SoCalGas) pipeline. The MCR is prepared in accordance with the current (November 2018) Cultural Resources Mitigation and Monitoring Plan (CRMMP) and as required by California Energy Commission license Condition of Certification CUL-6.

An additional work component is being conducted by Southern California Edison with cultural resources monitors from Paleo Solutions. This work consists of footings and trenching for duct bank installation to complete the tie in from the SERC plant to the Barre Substation and the wider electrical grid.

SERC Plant Site and SoCalGas Pipeline

Personnel Active in Monitoring This Period

PaleoWest Archaeology personnel active in monitoring this period were: Alternate Cultural Resources Specialists Gloriella Cardenas and Natalie Lawson, as well as Cultural Resources Monitors (CRMs) Ryan Rolston, Jennifer McElhoes, Cynthia Morales, John McDermott, Ryan Nordness, and Mary Hillis Shockley monitored the SERC plant site and SoCalGas pipeline during this reporting period.

Native American Monitors (NAM) for this reporting period were Robert Dorame and Megan Dorame.



### TABLE 1

| Date               | CRMs | NAMs |
|--------------------|------|------|
| 11/1/19            | 4    | 1    |
| 11/04/19           | 4    | 1    |
| 11/5/19            | 4    | 2    |
| 11/6/19            | 4    | 1    |
| 11/7/19            | 4    | 1    |
| 11/8/19            | 4    | 1    |
| 11/12/19           | 4    | 1    |
| 11/13/19           | 4    | 1    |
| 11/14/19           | 4    | 1    |
| 11/15/19           | 4    | 1    |
| 11/18/19           | 4    | 1    |
| 11/21/19           | 4    | 1    |
| 11/22/19           | 4    | 1    |
| 11/25/19           | 4    | 1    |
| 11/26/19           | 4    | 1    |
| Total CRM/NAM-Days | 60   | 15   |

# Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Friday November 1, 2019. Activities monitored included trench excavations for the gas pipeline and hand excavated potholing for utility location. Work occurred in various locations within stations 00+00 to 114+50 along Dale Avenue and extended up to 9 ft below the current street surface.

Native sediments were observed at various pipeline trench stations at approximately 2 ft to 9 ft below the surface of the asphalt. Observed sediments were loosely compacted to uncompacted light brown sands with small, sparse angular inclusions. The sidewalls were prone to collapse and much of the pipeline trench was shored with wood plating.

Cultural Resources Discoveries This Period

No new discoveries of cultural resources were made during this reporting period.

Southern California Edison Work - SERC Tie-In to Barre Substation

SCE contractor Paleo Solutions is conducting cultural resources monitoring of the SERC tie-in to the Barre Substation for SCE. Personnel active during this reporting period were Sun Min Choi and Morgan Bender.

NAM for this reporting period was Robert Dorame.

Ground disturbing activities subject to cultural monitoring commenced November 2, 2019 and consisted of drilling for bases and I-Beams, utility vault excavations and



trenching for piping.

| Date               | CRMs | NAMs |
|--------------------|------|------|
| 11/2/19            | 1    | 1    |
| 11/4/19            | 1    | 1    |
| 11/5/19            | 1    | 1    |
| 11/18/19           | 1    | 1    |
| 11/19/19           | 1    | 1    |
| 11/21/19           | 1    | 1    |
| 11/22/19           | 1    | 1    |
| 11/25/19           | 1    | 1    |
| 11/26/19           | 1    | 1    |
| Total CRM/NAM-Days | 9    | 9    |

No cultural resources were discovered as a result of this work.

Fulfillment Requirements of Each Cultural Resource Mitigation Measure

Table 2 describes the fulfillment requirements of each cultural resources mitigation measure (Condition of Certification) and lists the state of compliance with the measure. For complete text of the measures, please see the Commission Decision.

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Fulfillment Requirements of Each Cultural Resources Mitigation Measure

| Measure   | Requirements  | State of Compliance  |
|---|---|--|
| CUL-1: Appointment and<br>Qualifications of Cultural<br>Resources Personnel | <ul> <li>Owner must appoint a designated Cultural Resources<br/>Specialist (CRS) and Alternate CRSs. CRS will manage<br/>monitoring and reporting and make recommendations<br/>regarding eligibility of finds for California Register of<br/>Historical Resources</li> <li>CRS may obtain services of Cultural Resources<br/>Monitors (CRMs) and Native American Monitors<br/>(NAMs)</li> <li>CRS may obtain services of additional technical<br/>specialists as needed.</li> </ul> | <ul> <li>In compliance</li> <li>Owner has appointed CRS and<br/>Alternate CRS. CRS is directing<br/>monitoring.</li> <li>CRS has obtained services of CRMs<br/>and NAMs</li> <li>No additional technical specialists<br/>have been required</li> </ul> |
| CUL-2: Information to be<br>Provided to CRS                                 | <ul> <li>Owner must provide CRS with project information<br/>including the Application for Certification, cultural<br/>resources reports, data request responses, Final Staff<br/>Assessment, and Commission Decision, and project<br/>designs and maps.</li> <li>Owner must provide CRS with a weekly construction<br/>schedule</li> <li>Owner must notify CRS of any changes to construction<br/>phases.</li> </ul>   | <ul> <li>In compliance</li> <li>Owner has provided CRS with project information and maps</li> <li>Owner provides three-week lookahead schedule weekly</li> <li>There have been no changes to the construction phases.</li> </ul>                       |
| CUL-3: Cultural Resources<br>Mitigation and Monitoring                      | <ul> <li>The CRS must prepare a CRMMP, including a research<br/>design, implementation schedule, identification of<br/>cultural resources personnel, plan for Native American</li> </ul>  | In compliance     The CRMMP has been prepared  |



| TABLE 2  |
|--|
| Fulfillment Requirements of Each Cultural Resources Mitigation Measure |

| Measure  | Requirements   | State of Compliance   |
|--|--|---|
| Plan (CRMMP)   | participation, description of impact avoidance<br>measures, plan for curation, and LORS compliance plan<br>for human remains.  | and approved by the CPM   |
| CUL-4: Final Cultural<br>Resources Report  | The CRS must prepare a final Cultural Resources Report<br>after construction is complete summarizing all field<br>activities and including copies of all DPR forms and<br>cultural resources reports associated with project<br>construction.  | Not applicable – construction is not completed.   |
| CUL-5: Cultural Resources<br>Worker Environmental<br>Awareness Program<br>(WEAP) | <ul> <li>The CRS must prepare a WEAP training module and brochure describing the potential for cultural resources discovery, procedures to follow in case of emergency discovery, and penalties for non-compliance.</li> <li>All workers must receive the training during their first week on on-site employment and must sign a sheet documenting that they have received the training</li> </ul>   | <ul> <li>In compliance</li> <li>All workers on site have viewed the video/PowerPoint training and signed the documentation sheet (found in the Biological Resources Compliance report).</li> </ul>  |
| CUL-6: Cultural Resources<br>Monitoring  | <ul> <li>The CRS, Alt CRS, or CRMs must be onsite to monitor ground disturbance in native (non-fill) soils.</li> <li>The CRS must obtain the services of a NAM to monitor ground disturbance in non-fill sediments.</li> <li>CRMs and NAMs must prepare a daily field report, to be submitted daily by the CRS.</li> <li>The CRS must prepare a Monthly Compliance Report summarizing activities of CRS, CRMs, and NAMs.</li> <li>The CRS must report incidents of non-compliance with LORS</li> </ul> | <ul> <li>In compliance</li> <li>The CRS or CRM has monitored ground disturbance.</li> <li>A NAM monitored ground disturbance</li> <li>The CRS has submitted the daily field reports</li> <li>The CRS has prepared this Monthly Compliance Report</li> <li>There have been no incidents of non-compliance with LORS</li> </ul> |
| CUL-7: Powers of<br>CRS/Cultural Resources<br>Discovery Protocol                 | <ul> <li>The CRS has authority to halt construction in the event of a cultural resource find</li> <li>The CRS or CRM must record the find on Form DPR-523 and notify the CPM</li> <li>If human remains are found, the CRS must notify the Native American Heritage Commission.</li> <li>If the find would be of interest to Native Americans, the CRS must notify Native American groups that have expressed an interest in notification.</li> </ul>   | <ul> <li>In compliance</li> <li>No cultural resources have been found</li> <li>No human remains have been found</li> <li>No finds of interest to Native Americans have been made</li> </ul>   |
| CUL-8: Fill Soils  | If the project will use fill from a non-commercial borrow<br>site or deposit sediments in a non-commercial fill site,<br>the CRS must conduct a pre-construction cultural<br>resources survey of the site.   | <ul> <li>In compliance</li> <li>No new sources of non-commercial fill or disposal were identified for use this month.</li> </ul>  |

# WEAP Training This Period

All on-site staff received cultural resources Worker Environmental Awareness Program (WEAP) training prior to starting work on site this month. From November 1 through



November 26, 2019, a total of 57 persons completed the SERC WEAP training. The hard copy training logs for the November 2019 reporting period are included in the Biological Resources Monthly Compliance Report.

Anticipated Changes in the Next Period

Pipeline trench excavations and potholing for utilities are expected to continue. Additionally, limited work at the SERC plant site is proposed along the storm sewer system in December. Work by SCE at the Barre Substation will also continue in December. CRMs will be onsite to monitor excavations with the potential to impact native soils and to respond to discoveries if they occur.

Comments, Issues or Concerns

None.

Attachment 7 - Paleontology

# Monthly Report of Paleontological Resources Monitoring Activities for the Stanton Energy Reliability Center Condition of Certification PAL-6 November 2019

| Prepared For: | Doug Davy/Jacobs    |
|---------------|---------------------|
|               | Karen Parker/Jacobs |

Prepared By: Niranjala Kottachchi/PaleoWest

This report covers paleontological resources monitoring activities at the Stanton Energy Reliability Center Project (Project) for the month of November 2019, as required by California Energy Commission license Condition of Certification PAL-6.

## Personnel Active in Paleontological Monitoring This Period

PaleoWest's Principal Investigator, Niranjala Kottachchi conducted the paleontological monitoring program for the Project. David Alexander was the primary Paleontological Resources Monitor (PRM) for this month. Additional paleontological monitors on site during this reporting period included Tara Redinger, Patrick Riseley, and Richard Serrano.

Pipeline construction by SoCal Gas requiring paleontological monitoring continued throughout the month of November. Trenching crews worked at different locations along Dale Avenue. These locations or stations are presented in Table 1 below week by week. The presence of unconsolidated native sands in the trench required shoring during most of the month, thus slowing down excavations. Southern California Edison (SCE) continued excavations at the Barre substation. Paleontological monitoring was conducted by Daniel Nolan of PaleoSolutions. These activities are incorporated in the table below.

| Week | Station #                  | Activity  | Stratigraphy  |
|------|----------------------------|---|---|
| 1    | 91+56,<br>144+00,<br>90+10 | Trenching for gas line<br>measured 4.5 feet wide to<br>a maximum depth of 7 feet<br>to 10 feet at all locations | Below 6-10 inches of asphalt and 2-3 feet of<br>disturbed sediment, have unconsolidated, native<br>Holocene silt and sand down to 5 feet. Below 5<br>feet have clay rich layer with high organics, at 7<br>feet, silty sand appears with increasing sand<br>with depth. |

# Table 1. Monitoring and Associated Activities This Period

| Week | Station #  | Activity   | Stratigraphy  |
|------|--|--|---|
| 2    | $\begin{array}{c} 91+90 & {\rm to} \\ 92+70, \\ 90+50 & {\rm to} \\ 90+80, \\ 0+00 & {\rm to} \\ 0+25, \\ 92+70 & {\rm to} \\ 93+00, \\ 94+00 & {\rm to} \\ 94+25, \\ 93+00 & {\rm to} \\ 93+67, \\ 94+25 & {\rm to} \\ 93+67, \\ 0+00 & {\rm to} \\ 0+12, \\ 93+67 & {\rm to} \\ 93+90, \\ 95+45 & {\rm to} \\ 93+90, \\ 95+45 & {\rm to} \\ 97+60, \\ 0+20 & {\rm to} \\ 0+20 & {\rm to} \\ 0+30, \\ 97+50 & {\rm to} \\ 97+65, \\ 98+00 & {\rm to} \\ 101+00 & {\rm to} \\ 07+65, \\ 98+00 & {\rm to} \\ 101+00 & {\rm to} \\ 00+20, \\ 03+52 & {\rm to} \\ 03+77 & {\rm (bell} \\ {\rm hole}), \\ \end{array}$ | Trenching for gas line<br>measured 4.5 feet wide to<br>a maximum depth of 7 feet<br>to 10 feet at all locations                          | Below 6-10 inches of asphalt and 2-3 feet of<br>disturbed sediment, have unconsolidated, native<br>Holocene alluvium consisting unconsolidated,<br>tannish-gray coarse sands with pebbles.  |
| 3    | 97+65 to<br>98+60,<br>99+00 to<br>100+15,<br>Dale Ave<br>and   | Trenching for gas line<br>measured 4.5 feet wide to<br>a maximum depth of 6 feet<br>to 10 feet at all locations<br>Bell hole excavations | Below 6-10 inches of asphalt and 2-3 feet of<br>disturbed sediment, have unconsolidated, native<br>Holocene alluvium consisting unconsolidated,<br>tannish-gray coarse sands with pebbles.<br>Below 6-10 inches of asphalt and 2-3 feet of<br>disturbed sediment, have unconsolidated, native |
|      | Uncoln<br>Rd<br>97+80 to<br>98+30,<br>100+15 to<br>100+95,   | Trenching for gas line<br>measured 4.5 feet wide to<br>a maximum depth of 6 feet<br>to 10 feet at all locations                          | Holocene alluvium consisting unconsolidated,<br>tannish-gray coarse sands with pebbles.<br>Below 6-10 inches of asphalt and 2-3 feet of<br>disturbed sediment, have unconsolidated, native<br>Holocene alluvium consisting unconsolidated,<br>tannish-gray coarse sands with pebbles.         |
|      | 102+40 to<br>102+70,<br>103+90 to  |  | Cannon gray oouroo sando with pebbles.  |

| Week | Station #  | Activity  | Stratigraphy   |
|------|--|---|--|
|      | 104+20<br>Dale Ave<br>and Ball<br>Rd<br>South of<br>Barre<br>substation<br>(SCE)   | Trenching for gas line<br>measured 4.5 feet wide to<br>a maximum depth of 6 feet<br>to 10 feet at all locations<br>Excavation and potholing<br>of vaults 100 feet x 1.5<br>feet x 14 feet | Upper 8 feet appears to consist of disturbed<br>sediment. Below 8 feet, have Holocene<br>sediments light grayish brown, fine to medium<br>sands, silts, and clays down to 14 feet depth.   |
| 4    | $\begin{array}{ccccc} 104+20, \\ 105+50 & to \\ 107+00, \\ 104+60 & to \\ 105+35, \\ 106+20 & to \\ 107+00, \\ 105+30 & to \\ 105+30 & to \\ 105+85, \\ 106+20 & to \\ 106+60, \\ 105+50 & to \\ 106+95, \\ 108+15 & to \\ 108+30, \\ 110+00 & to \\ 111+00, \\ 106+60 & to \\ 106+70, \\ 110+50 & to \\ 111+00, \\ 107+50 & to \\ 112+25 \end{array}$ | Trenching for gas line<br>measured 4.5 feet wide to<br>a maximum depth of 6 feet<br>to 10 feet at all locations   | Below 6-10 inches of asphalt and 2-3 feet of<br>disturbed sediment, have unconsolidated, native<br>Holocene alluvium consisting unconsolidated,<br>tannish-gray coarse sands with pebbles. |
|      | South of<br>Barr<br>substation<br>(SCE)  | Excavation of vault 20 feet<br>x 10 feet x 14 feet, and a<br>vault 50 feet x 2 feet x 6-<br>12 feet   | Holocene brown to dark brown, fine to medium sands, silts, and clays down to 12-14 foot depth  |

| Week | Station #   | Activity   | Stratigraphy   |
|------|---|--|--|
| 5    | 111+10       to         111+90,       to         112+30       to         112+60,       105+45         105+45       to         107+50,       111+90         114+05,       106+75         108+85       108+85 | Trenching for gas line<br>measured 4.5 feet wide to<br>a maximum depth of 7 feet<br>to 9 feet at all locations | Below 6-10 inches of asphalt and 2-3 feet of<br>disturbed sediment, have unconsolidated, native<br>Holocene alluvium consisting unconsolidated,<br>tannish-gray coarse sands with pebbles. |
|      | South of<br>Barre<br>substation   | Excavation of trench 70<br>feet x 2 feet x 6-12 feet<br>and a trench 50 feet x 2<br>feet x 6-12 feet           | Holocene brown, fine to medium sands and silts to a depth of 12 feet.  |

Paleontological Resources Discoveries This Period

No paleontological resources were discovered during the month of November 2019.

Anticipated Work and/or Changes in the Next Period

Excavations for the pipeline by SoCal Gas and SCE excavations at the substation will continue in December. In addition, ARB will resume excavations at the main plant facility.

Comments, Issues or Concerns

None to report.

Attachment A Daily Monitoring Logs



| Project Name:       | Stanton energy reliability            | Date: 11/1/2019 8:54:13 AM |  |
|---------------------|---------------------------------------|----------------------------|--|
| Project Location:   | Dale and stonybrook                   | Weather:                   |  |
| Monitor(s): dale    | exander                               | Clear and sunny            |  |
| Work Start Time:    | 0700                                  | Work End Time: 1530        |  |
| Construction Cor    | npany: SE pipeline co.                | Contact(s): Alain          |  |
| Did the (sub)cont   | ractors work more than 8 hours (Y/N)? | Yes X No                   |  |
| Was the Safety B    | riefing Attended/Signed:              | X Yes No                   |  |
| Project Description | on:                                   |                            |  |
| Station #01+56 to   |                                       |                            |  |

Station #91+56 to

Scope of Construction Work Monitored/Equipment Used:

Backhoe

## Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide by feet deep gas pipeline trench .

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

**Observations of Paleontological Resources:** 

Additional Comments:

Plan for tomorrow: Monitoring as needed on Monday

Attachments (Y/N):

Photograph Record:



| Project Name: Stanton energy reliability               | Date: 11/1/2019 6:46 AM         |
|--|---------------------------------|
| Project Location: On Dale at Standustrial, 144         | Weather:                        |
| Monitor(s): tredinger                                  | Crisp in the morning 45 degrees |
| Work Start Time: 7:00                                  | Work End Time: 15:30            |
| <b>Construction Company:</b> Southeast construction.   | Contact(s): Allen               |
| Did the (sub)contractors work more than 8 hours (Y/N)? | Yes X No                        |
| Was the Safety Briefing Attended/Signed:               | X Yes No                        |
| Project Description:                                   |                                 |

On Dale at Standustrial, 144+00. Also, 2 machines at Dale and Bella at 90+10.

# Scope of Construction Work Monitored/Equipment Used:

## Backhoe

# Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Started digging at station 90+10 with Steve 1 they were digging down to 7ft depth. The other Steve crew had moved down to the HDD insertion point at standustrial to dig 3ft more back from the insert point. His went down to a maximum of 14.5 ft. They finished a hour after they started digging at 9;30 so I went back up to Bella to watch the other crews continue digging for the rest of the day.

# Approximate Dimensions of Construction Area Monitored/Survey Area:

# Geologic Unit(s) Observed:

At the cross section of Dale and standustrial the sediment is this: top 3 ft appears to be silty sandy fill mixed with road building rocks and cement, below that the sediment transitioned slowly into native mixed silt and sand down to 5 ft depth, at 5.5 ft there is a distinct dark brown contact line with the lower unit. This darker contact is mostly clay with high organics. Below that the percentage of fie grained sand increases. At 7 ft it is silty sand while at the bottom at 15 ft it is mostly entirely fine sand. At 9 t depth there is a two foot section that contains thin orange lines of

# Lithologic Description(s):

# **Observations of Paleontological Resources:**

None

Additional Comments: Monitored with John, Jen, and Ryan

Plan for tomorrow: Continue digging down Dale

Attachments (Y/N): X Yes No

# Photograph Record:

11/1/2019 10:26:45 AM 11/1/2019 1:08:21 PM



North, at standustrial at the HDD entry way. They had to extend the trench 3 ft north.



North, finished pipeline work by Steve's crew.



| Project Name: Stanton energy reliability          | Date: 11/4/2019 9:53:08 AM |
|---|----------------------------|
| Project Location: Dale Ave and stonybrook dr      | Weather:                   |
| Monitor(s): dalexander                            | Clear and sunny            |
| Work Start Time: 0700                             | Work End Time: 1530        |
| Construction Company: SE Pipeline                 | Contact(s): Alain          |
| Did the (sub)contractors work more than 8 hours ( | Y/N)? Yes X No             |
| Was the Safety Briefing Attended/Signed:          | X Yes No                   |
| Project Description:                              |                            |
| Station #91+90 to92+70 and 90+50 to 90+80         |                            |
|   |                            |

Scope of Construction Work Monitored/Equipment Used: Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc): Monitoring excavation activities for paleontological resources

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

**Observations of Paleontological Resources:** 

No paleontological resources were discovered

**Additional Comments:** 

Plan for tomorrow: Continue trenching

Attachments (Y/N): X Yes No

Photograph Record: 11/4/2019 9:57:20 AM



Bell hole station 92+00



| Project Name: Stanton Energy Reliability Project       | Date: 11/4/2019 9:07:20 AM          |
|--|-------------------------------------|
| Project Location: Buena Park<br>Monitor(s): priseley   | Weather:<br>Clear calm 80 degrees F |
| Work Start Time: 0700 hrs                              | Work End Time: 1630 hrs             |
| <b>Construction Company:</b> SE Pipeline Construction  | Contact(s): Alain Miers             |
| Did the (sub)contractors work more than 8 hours (Y/N)? | X Yes No                            |
| Was the Safety Briefing Attended/Signed:               | X Yes No                            |
| Project Description:                                   |                                     |
| Station $0+00$ to $0+25$                               |                                     |

Station 0+00 to 0+25

# Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F rubbertired backhoe and tandem axle dump trucks. Concrete saw.

## Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Tie-in at 30 inch diameter gas main. Dig 18 inches below bottom of 30 inch main then to planter in middle of La Palma Avenue. Excavation began some time after 1300hrs and contractor requested that extra hours be granted to complete one-bell hole at station 0+00. The rest of the day was spent cutting and grinding the pavement.

## Approximate Dimensions of Construction Area Monitored/Survey Area:

### Geologic Unit(s) Observed:

Safety meeting emphasized vigilance regarding traffic making illegal left turns. Excavation encountered 10" AC, 6" AB and approximately 8 feet of loose light gray-tan fine to coarse sand fill with miscellaneous clods of dark-brown oil-impregnated sand.

# Lithologic Description(s):

### **Observations of Paleontological Resources:**

I had intent to take a 50 lb microvertebrate test of silty f to coarse sand which I have observed further to the south

### Additional Comments:

### Plan for tomorrow:

Continue digging bell hole at gas linear station 0+00'. Acquire 50lb matrix sample at bottom of excavation.

Attachments (Y/N): X Yes No

# Photograph Record:

11/4/2019 1:05 PM 11/4/2019 2:28:40 PM



Gas pipeline linear excavation to date at station 0+00,' tie in to 30" main. View south from 0408854mE and 3745611mN



Natural gas linear at 30" main tie-in with upper 4 feet backfill stratigraphy in view featuring numerous clouds of oil-impregnated sand. View toward north from 0408860mE and 3745607mN



| Project Name:                            | Stanton energy reliability             | Date: 11/5/2019 9:57:34 AM |  |  |
|--|--|----------------------------|--|--|
| Project Location:                        | Dale Ave and stonybrook                | Weather:                   |  |  |
| Monitor(s): dale                         | exander                                | Clear and sunny            |  |  |
| Work Start Time:                         | 0700                                   | Work End Time: 1530        |  |  |
| Construction Con                         | npany: SE pipeline                     | Contact(s): Alain          |  |  |
| Did the (sub)cont                        | tractors work more than 8 hours (Y/N)? | Yes X No                   |  |  |
| Was the Safety Briefing Attended/Signed: |  | X Yes No                   |  |  |
| Project Description                      | on:                                    |                            |  |  |
| Station #92+70 to 9                      | 93+00 and 94+00:to 94 +25;             |                            |  |  |

# Scope of Construction Work Monitored/Equipment Used:

2 Backhoes

# Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide up to 9 feet deep gas pipeline trench.

# Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

# **Observations of Paleontological Resources:**

None

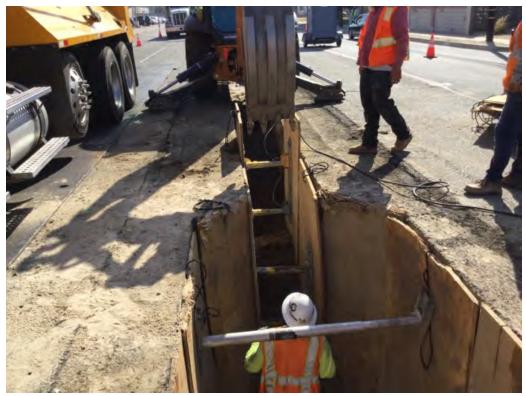
**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/5/2019 12:52:36 PM



Backhoe trench startion 92+90 7 CTG deep



| Project Name:  | Stanton energy reliability | Date: 11/6/2019 10:12:49 AM |  |  |
|--|----------------------------|-----------------------------|--|--|
| Project Location:                                      | ,                          | Weather:<br>Clear and sunny |  |  |
| Monitor(s): dale<br>Work Start Time:                   | exander<br>0700            | Work End Time: 1530         |  |  |
| Construction Con                                       | npany: SE pipeline         | Contact(s): Alain           |  |  |
| Did the (sub)contractors work more than 8 hours (Y/N)? |                            | Yes No                      |  |  |
| Was the Safety Briefing Attended/Signed:               |                            | Yes No                      |  |  |
| Project Description                                    | on:                        |                             |  |  |
| Station # 93+00 to                                     | 93+67And 94+25 to 95+45    |                             |  |  |

# Scope of Construction Work Monitored/Equipment Used:

2 backhoes

# Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. 2 backhoes excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

# Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

# **Observations of Paleontological Resources:**

None

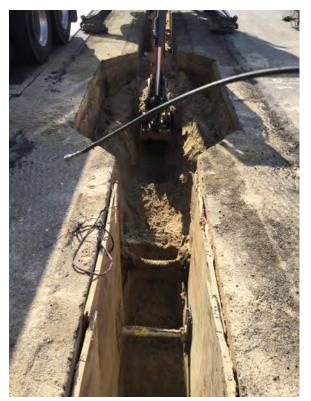
**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/6/2019 10:28:49 AM



Bell hole station #93+35



| Project Name:                            | Stanton e | nergy reliability project    | Date:   | 11/6/2019         | 10:12:49 AM |
|--|-----------|------------------------------|---------|-------------------|-------------|
| Project Location: Buena Park             |           | Weather:                     |         |                   |             |
| Monitor(s): pris                         | eley      |                              | Fog the | n hazy 80 c       | legrees F   |
| Work Start Time:                         | 0700      |                              | Work E  | Ind Time:         | 15:30       |
| Construction Con                         | npany:    | S E Pipeline Construction    | Contac  | <b>:t(s):</b> Ala | in Mvers    |
| Did the (sub)cont                        | ractors w | ork more than 8 hours (Y/N)? |         | Yes               | × No        |
| Was the Safety Briefing Attended/Signed: |           | X Yes No                     |         |                   |             |
| Project Description                      | on:       |                              |         |                   |             |
| 0+00' to 0+12'                           |           |                              |         |                   |             |

# Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F backhoe asphalt grinding vehicle with truck loading conveyor tandem axle dump trucks bars and transfer shovels

# Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Excavation for gas pipeline linear. Grinding surface coat of asphalt concrete (AC).

# Approximate Dimensions of Construction Area Monitored/Survey Area:

# Geologic Unit(s) Observed:

10" of AC over 6 inches of asphalt base (AB) over an additional 92" of uniform to cross laminated light gray-tan fine to coarse sand with trace of surrounded to rounded pebbles.

# Lithologic Description(s):

# **Observations of Paleontological Resources:**

No large fossils were observed in the excavation today.

# Additional Comments:

Plan for tomorrow: Continued paleontological monitoring as needed

Attachments (Y/N):

Photograph Record:



| Project Name: Stanton energy reliability                             | Date: 11/7/2019 8:47:33 AM              |  |  |
|--|---|--|--|
| Project Location: Dale Ave and stonybrook,<br>Monitor(s): dalexander | Weather:<br>Overcast to clear and sunny |  |  |
| Work Start Time: 0700  | Work End Time: 1530                     |  |  |
| Construction Company: SE pipe  | Contact(s): Alain                       |  |  |
| Did the (sub)contractors work more than 8 hours (Y/N)?               | Yes X No                                |  |  |
| Was the Safety Briefing Attended/Signed:                             | X Yes No                                |  |  |
| Project Description:   |   |  |  |
| Station # 93+67 to 93+90 And 95+45 to97+60                           |   |  |  |

# Scope of Construction Work Monitored/Equipment Used:

2 Backhoes

# Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. 2 backhoes excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

# Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

# **Observations of Paleontological Resources:**

None

**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/7/2019 9:52:41 AM



Borehole st #93+75



F

# **Daily Monitoring Report - Paleontology**

| Project Name:                            | Stanton e  | energy reliability project   | Date: 11/7/2019 7:17:37 AM |         |                 |
|--|------------|------------------------------|----------------------------|---------|-----------------|
| Project Location:                        | Buer       | na Park                      | Weather:                   |         |                 |
| Monitor(s): pris                         | eley       |                              | Overcas                    | st then | hazy 73 degrees |
| Work Start Time:                         | 0700       |                              | Work E                     | nd Tir  | <b>ne:</b> 1530 |
| Construction Con                         | npany:     | S E Pipeline Construction    | Contac                     | t(s):   | Alain Mvers     |
| Did the (sub)cont                        | tractors w | ork more than 8 hours (Y/N)? |                            | Y       | ′es × No        |
| Was the Safety Briefing Attended/Signed: |            | X Yes No                     |                            |         |                 |
| Project Description                      | on:        |                              |                            |         |                 |
| Station 0+20' to 0+                      | 30'        |                              |                            |         |                 |

# Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F backhoe concrete saw shovels tandem axle dump trucks

# Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Excavation to total depth of 8 feet pursuant to installation of natural gas linear.

## Approximate Dimensions of Construction Area Monitored/Survey Area:

### Geologic Unit(s) Observed:

Light gray-tan homogeneous fine to coarse sand with trace of pebbles. Re-excavated slurry.

# Lithologic Description(s):

### **Observations of Paleontological Resources:**

No large fossils were observed in the excavation today.

### Additional Comments:

Excavation ceases at station 0+20 by approximately 1315hrs. Spot-checked stratigraphy at station 97+25 photo 2. 8"AC over 6" AB then downward progressing into bell hole as follows 1) 18" dark brown clayey silt fine to coarse sand with pebbles marl, 2) 36" medium brown silty fine to coarse sand with clay and trace of pebbles, 3) 4" light gray-tan loose fine to coarse sand with clay and trace of pebbles, 4) 12" medium brown silty fine to coarse sand with clay and trace of pebbles, and 5) light gray-tan loose fine to coarse sand with trace of pebbles to bottom of bell hole

### Plan for tomorrow:

Another plug will be re-excavated tomorrow. Paleo monitoring as needed on Dale street between La Palma Avenue and Crescent (?) street.

Attachments (Y/N): X Yes No

# Photograph Record:

11/7/2019 10:57:04 AM 11/7/2019 1:39:25 PM



Northward view of homogeneous light gray-tan sand at station 00+20' and 2 to 7 foot depth, objective NAD 83/84 zone 11S UTM is 0408858mE and 3745598mN.



Stratigraphic profile of west wall of gas-linear trench at station 97+25. View sw. objective at NAD 83/84 ZONE 11S UTM 0408879mE and 3742664mN.



AM

### **Daily Monitoring Report - Paleontology**

| Project Name:          | Stanton e    | nergy reliability            | Date:                 | 11/8/2019 11:21:36  |  |
|------------------------|--------------|------------------------------|-----------------------|---------------------|--|
| Project Location:      | Dale         | Ave and DeVoy                | Weath                 |                     |  |
| Monitor(s): dalexander |              |                              | Clear and sunny, warm |                     |  |
| Work Start Time:       | 0700         |                              | Work E                | End Time: 1530      |  |
| Construction Con       | npany:       | SE pipeline                  | Contac                | <b>ct(s):</b> Alain |  |
| Did the (sub)cont      | tractors wo  | ork more than 8 hours (Y/N)? |                       | Yes X No            |  |
| Was the Safety B       | Briefing Att | ended/Signed:                |                       | X Yes No            |  |
| Project Description    | on:          |                              |                       |                     |  |
| 01.1.1.1.107.501.1     |              |                              | 01.00                 |                     |  |

Station #97+50 to 97+65 and potholing various spots 98+00-101+00

### Scope of Construction Work Monitored/Equipment Used:

#### 2 backhoes

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources 2 backhoes excavating 28 inch wide and up 7 feet deep gas pipeline trench.

### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

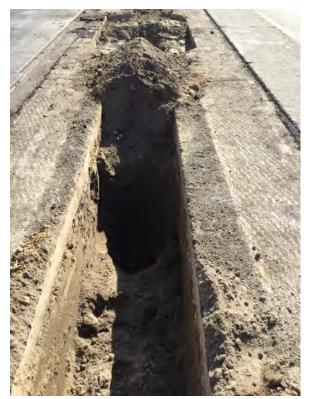
**Additional Comments:** 

Plan for tomorrow: Monitoring Tuesday

Attachments (Y/N): X Yes No

Photograph Record:

11/8/2019 1:05:13 PM



Pothole at station 100+25



| Project Name: Stanton Energy Reliability Project       | Date: 11/8/2019 10:27 AM             |  |
|--|--------------------------------------|--|
| Project Location: Buena Park Monitor(s): priseley      | <b>Weather:</b><br>Hazy 85 degrees F |  |
| Work Start Time: 0700                                  | Work End Time: 1530                  |  |
| <b>Construction Company:</b> S E Pipeline Construction | Contact(s): Alain Mvers              |  |
| Did the (sub)contractors work more than 8 hours (Y/N)? | Yes X No                             |  |
| Was the Safety Briefing Attended/Signed:               | X Yes No                             |  |
| Project Description:                                   |                                      |  |

Station 00+10' to 00+20' and Station 03+52' to 03+77'

### Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F backhoe, shovels, asphalt grinder and saws, and tandem axle dump trucks

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Excavation of bell hole for future live pressure test at 3+52+ and remove plug of Holocene alluvium between stations 00+10' and 00+20' for installation of future gas linear.

### Approximate Dimensions of Construction Area Monitored/Survey Area:

#### Geologic Unit(s) Observed:

10" asphalt concrete over 6" asphalt base, 2 feet of previously disturbed gray - tan f-c sand with trace of pebbles then an additional 6 feet of plane laminated native light gray-tan fine to coarse sand with granules and pebbles. 50lb Spot microvertebrate test sample (1 bucket) was acquired at station 00+17' and 8.5 foot depth as PWR 08-11-19 -01.

### Lithologic Description(s):

### **Observations of Paleontological Resources:**

PWR 08-11-19-01 was dried and sifted in field to +#12 mesh matrix and -#12 matrix was discarded. The +#12

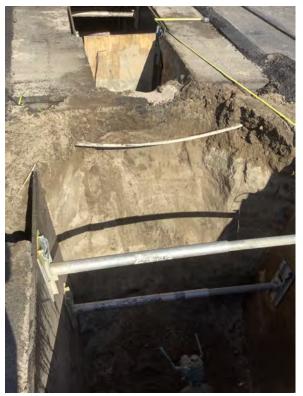
### Additional Comments:

Plan for tomorrow: Continued paleontological monitoring as needed

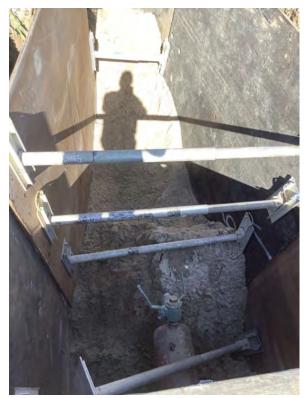
Attachments (Y/N): X Yes No

### Photograph Record:

11/8/2019 10:43:03 AM 11/8/2019 11:56:26 AM



16: North view of pug of Holocene alluvium between gas-linear stations 00+10' and 00 +20' above projected microvertebrate spot test sample PWR 08-11-19-01 taken from objective at NAD 83/84 Zone 11S UTM 0458857mE and 3745601mN.



17: PWR 08-11-19-01 sub grade lithology/sample location station 00+18' and 8 1/2 feet deep in light gray-tan moist fine to coarse sand with trace of gravel.



| Project Name:                            | Stanton energy reliability             | Date: 11/12/2019 8:46:59 AM |  |  |
|--|--|-----------------------------|--|--|
| Project Location:                        | DeVoy dr. And Dale Ave,                | Weather:                    |  |  |
| Monitor(s): dale                         | exander                                | Overcast to clear and sunny |  |  |
| Work Start Time:                         | 0700                                   | Work End Time: 1530         |  |  |
| Construction Con                         | npany: SE pipeline                     | Contact(s): Alain           |  |  |
| Did the (sub)cont                        | tractors work more than 8 hours (Y/N)? | Yes X No                    |  |  |
| Was the Safety Briefing Attended/Signed: |  | X Yes No                    |  |  |
| Project Description                      | on:                                    |                             |  |  |
| Station # 97+65 to                       | 98+60 And 99+00 to 100+15              |                             |  |  |
|  |  |                             |  |  |

### Scope of Construction Work Monitored/Equipment Used:

2 Backhoes

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide and up 8 feet deep gas pipeline trench.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/12/2019 9:33:27 AM



Bell hole station 99+05



| Project Name: SERC   | Date:     | 11/12/2019 2:44:43 PM |
|--|-----------|-----------------------|
| Project Location: Dale & Lincoln   | Weath     | ••••                  |
| Monitor(s): jmcelhoes  | Clear m   | nild temp.            |
| Work Start Time: 7 AM  | Work E    | End Time: 3 PM        |
| Construction Company:  | Contac    | ct(s):                |
| Did the (sub)contractors work more than 8 hours (Y/N)?                               |           | Yes X No              |
| Was the Safety Briefing Attended/Signed:   |           | X Yes No              |
| Project Description:   |           |                       |
| Buena Park, Ca. / Dale & Lncoln  |           |                       |
| Scope of Construction Work Monitored/Equipment Used:<br>CAT 420F back hoe            |           |                       |
| Monitoring Methods (spot check, screening, bulk, sample<br>Excavation for bell hole. | e collect | ing, etc):            |
| Approximate Dimensions of Construction Area Monitored                                | d/Surve   | y Area:               |
| <b>Geologic Unit(s) Observed:</b><br>N/A   |           |                       |
| Lithologic Description(s):   |           |                       |
| Observations of Paleontological Resources:   |           |                       |
| None noted.  |           |                       |
| Additional Comments:<br>Written by Richard Serrano.                                  |           |                       |
| Plan for tomorrow:<br>Continue excavation,   |           |                       |
| Attachments (Y/N):   |           |                       |
| Photograph Record:   |           |                       |



| Project Name:                            | Stanton energy reliability             | Date: 11/13/2019 9:14:07 AM |
|--|--|-----------------------------|
| Project Location:                        | DeVoy dr. and Dale Ave.                | Weather:                    |
| Monitor(s): dale                         | exander                                | Overcast to clear and sunny |
| Work Start Time:                         | 0700                                   | Work End Time: 1530         |
| Construction Cor                         | mpany: SE pipeline                     | Contact(s): Alain Mevers    |
| Did the (sub)cont                        | tractors work more than 8 hours (Y/N)? | Yes X No                    |
| Was the Safety Briefing Attended/Signed: |  |                             |
| Project Description                      | on:                                    |                             |
| Station # 97+80 to.                      | .98+30 And 100+15 to.100+95 And 102+40 | ) to 102+70                 |

Scope of Construction Work Monitored/Equipment Used:

2 Backhoes

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. 2 Backhoes excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

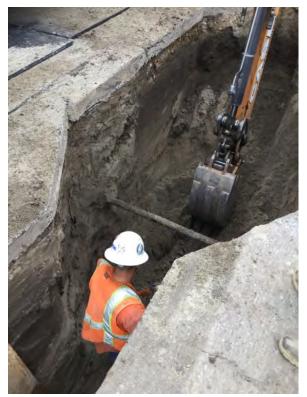
**Observations of Paleontological Resources:** 

Additional Comments:

Plan for tomorrow: Monitoring as needed.

Attachments (Y/N): X Yes No

Photograph Record: 11/13/2019 9:57:48 AM



Bore hole station # 100+42



| Project Name: SERC   | Date: 11/13/2019 2:33:07 PM |
|--|-----------------------------|
| Project Location: Buena Park, Ca.  | Weather:                    |
| Monitor(s): jmcelhoes  | Slightly overcast           |
| Work Start Time: 8 am  | Work End Time: 3:30         |
| Construction Company: SE Pipe Line Const.  | Contact(s):                 |
| Did the (sub)contractors work more than 8 hours (Y/N)?                             | Yes No                      |
| Was the Safety Briefing Attended/Signed:   | X Yes No                    |
| Project Description:<br>Intersection of Dale and La Palma                          |                             |
| Scope of Construction Work Monitored/Equipment Used:<br>CAT 420F back hoe          |                             |
| Monitoring Methods (spot check, screening, bulk, sample<br>Trenching for gas line. | e collecting, etc):         |
| Approximate Dimensions of Construction Area Monitore                               | d/Survey Area:              |
| <b>Geologic Unit(s) Observed:</b><br>N/A   |                             |
| Lithologic Description(s):   |                             |
| Observations of Paleontological Resources:   |                             |
| Nothing observed.  |                             |
| Additional Comments:<br>Written by Richard Serrano.                                |                             |
| <b>Plan for tomorrow:</b><br>Unknown,  |                             |
| Attachments (Y/N):   |                             |
| Photograph Record:   |                             |



| Project Name: SERC  | Date: 11/14/2019 2:09:33 PM |
|---|-----------------------------|
| Project Location: Buena Park, Ca.   | Weather:                    |
| Monitor(s): jmcelhoes   | Clear, 70,s                 |
| Work Start Time: 7 AM   | Work End Time: 3:30 PM      |
| Construction Company: SE Pipeline Consnstion  | Contact(s):                 |
| Did the (sub)contractors work more than 8 hours (Y/N)?                              | Yes X No                    |
| Was the Safety Briefing Attended/Signed:  | X Yes No                    |
| Project Description:  |                             |
| Dale and Ball Rd.   |                             |
| Scope of Construction Work Monitored/Equipment Used:<br>CASE 590 Super N Extendahoe |                             |
| Monitoring Methods (spot check, screening, bulk, sample<br>Trenching for gas line.  | e collecting, etc):         |
| Approximate Dimensions of Construction Area Monitored                               | d/Survey Area:              |
| Geologic Unit(s) Observed:  |                             |
| N/A   |                             |
| Lithologic Description(s):  |                             |
| Observations of Paleontological Resources:  |                             |
| None noted.   |                             |
| Additional Comments:<br>Written by Richard Serrano                                  |                             |
| Plan for tomorrow:<br>Continue work.  |                             |
| Attachments (Y/N):  |                             |
| Photograph Record:  |                             |



| Project Name: Stan                       | ton energy reliability           | Date: 11/15/2019 8:28:23 AM |  |
|--|----------------------------------|-----------------------------|--|
| Project Location:                        | 909 Dale Ave. Anaheim Ca.        | Weather:                    |  |
| Monitor(s): dalexand                     | er                               | Overcast                    |  |
| Work Start Time: 0                       | 0700                             | Work End Time: 1530         |  |
| Construction Company                     | <b>y:</b> SE gas pipeline        | Contact(s): Alain Mevers    |  |
| Did the (sub)contracto                   | rs work more than 8 hours (Y/N)? | Yes X No                    |  |
| Was the Safety Briefing Attended/Signed: |                                  | X Yes No                    |  |
| Project Description:                     |                                  |                             |  |
| Station # 103+90:to 104-                 | +20                              |                             |  |

Scope of Construction Work Monitored/Equipment Used:

Backhoe

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

**Observations of Paleontological Resources:** 

Additional Comments:

Plan for tomorrow: Monitoring Monday as needed.

Attachments (Y/N): X Yes No

Photograph Record:

11/15/2019 12:56:09 PM



Station #104+20

Monitor: Richard Serrano

**Project Name: SERC** 

Project location (City, State): Anaheim, Ca.

Work Start Time: 7 AM Work End Time: 2:00 PM **Total Monitoring Hrs: 7** 

Construction Company: SE Pipeline Const. Inc. **On-site Contact:** 

Did the (sub)contractors work more than 8 hrs? No.

Safety Briefing Attended and Signed: Yes

### **Equipment Used:**

CASE 420F Super N extendahoe.

### **Project Location and description:**

The project is located just north of Ball Rd. on Dale Ave. Anaheim, Ca.

### Scope of Construction work monitored (include methods):

Trenching for gas line. Only 1 back hoe working so I was on stand by.

### **Geologic Units and Lithology:**

Geologic unknow.

Silty sand with some beds of medium sands.

### **Observation of Paleontological Resources**

There was no impact to paleontological resources.



Date: Nov.15, 2019

Project # 18- 348

Weather: Clear, temp mid 70's



### **Additional Comments:**

None.

Plan for Tomorrow: No work on Sat.

**Total Time Work Halted or Redirected: 0** 

Additional Pages attached? Yes No

Photos; None.





| Project Name:       | Stanton energy reliability            | Date: 11/18/2019 8:41:33 AM |  |
|---------------------|---------------------------------------|-----------------------------|--|
| Project Location:   | 909 Dale Ave,, Anaheim Ca             | Weather:                    |  |
| Monitor(s): dale    | exander                               | Clear, sunny and warm       |  |
| Work Start Time:    | 0700                                  | Work End Time: 1530         |  |
| Construction Con    | npany: SE pipeline                    | Contact(s): Alain           |  |
| Did the (sub)cont   | ractors work more than 8 hours (Y/N)? | Yes X No                    |  |
| Was the Safety B    | riefing Attended/Signed:              | X Yes No                    |  |
| Project Description | on:                                   |                             |  |
| Station # 104+20 to | C                                     |                             |  |

Scope of Construction Work Monitored/Equipment Used:

Backhoe

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

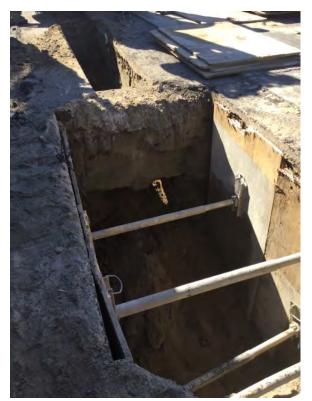
**Observations of Paleontological Resources:** 

Additional Comments:

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record: 11/18/2019 10:35:18 AM



Bore hole Station #104+40



| Project Name: Stanton energy reliability station       | Date: 11/18/2019 9:20:21 AM            |  |
|--|--|--|
| Project Location: On Dale between ball and             | Weather:<br>Sunny and unnaturally warm |  |
| Monitor(s): tredinger                                  |  |  |
| Work Start Time: 7:00                                  | Work End Time: 3:30                    |  |
| Construction Company: southeast pipeline               | Contact(s): Mike                       |  |
| Did the (sub)contractors work more than 8 hours (Y/N)? | Yes X No                               |  |
| Was the Safety Briefing Attended/Signed:               | X Yes No                               |  |
| Project Description:                                   |  |  |
|  |  |  |

On Dale between ball and De Voy, 105+50 to 107+00

### Scope of Construction Work Monitored/Equipment Used:

Backhoe (2)

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today I monitored with Jennifer and Ryan as Danny's backhoe continued to trench from 105+50 southward. Excavation went down to a maximum of 7 f. Many sets of utilities crossed the trench between 105 and 106 so the two crews had to spend multiple hours hand digging to find the utilities.

### Approximate Dimensions of Construction Area Monitored/Survey Area:

### Geologic Unit(s) Observed:

The sediment here is primarily sugar sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths.

### Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

Additional Comments: Monitored with Jen and Ryan

Plan for tomorrow: Continue south from 106+00 towards nball wi5 the two backhoes.

| Attachments (Y/N): | Yes | No |
|--------------------|-----|----|
|--------------------|-----|----|

Photograph Record: 11/18/2019 1:12:50 PM



106+00, Steve's crews excavation for 5r day. About 30 ft.



| Project Name:       | Stanton energ     | gy reliability        | Date:    | 11/19/20        | 19 8:57:33 AN |  |
|---------------------|-------------------|-----------------------|----------|-----------------|---------------|--|
| Project Location:   | Dale Ave          | e and Ball Road,      | Weath    |                 |               |  |
| Monitor(s): dale    | exander           |                       | Partly o | Partly cloudy   |               |  |
| Work Start Time:    | 0700              |                       | Work E   | End Time        | : 1530        |  |
| Construction Con    | n <b>pany:</b> so | utheast pipeline      | Contac   | <b>ct(s):</b> A | lain Mevers   |  |
| Did the (sub)cont   | ractors work      | more than 8 hours (Y/ | N)?      | Yes             | × No          |  |
| Was the Safety B    | riefing Attend    | led/Signed:           |          | x Yes           | No            |  |
| Project Description | on:               |                       |          |                 |               |  |
| Station #104+60 to  | 105+35            |                       |          |                 |               |  |
|                     |                   |                       |          |                 |               |  |

Scope of Construction Work Monitored/Equipment Used:

Backhoe

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/19/2019 10:39:32 AM



Bore hole station 105+30



**Project Name:** Stanton Energy Reliability station Date: 11/19/2019 9:04:14 AM **Project Location:** Weather: On Dale Ave. just north of Partially cloudy mild temperature Monitor(s): tredinger Work Start Time: Work End Time: 3:30 7:00 **Construction Company:** Contact(s): Southeast pipeline Robert foreman Yes X No Did the (sub)contractors work more than 8 hours (Y/N)? X Yes No Was the Safety Briefing Attended/Signed: **Project Description:** On Dale Ave. just north of Ball Rd.

### Scope of Construction Work Monitored/Equipment Used:

Three backhoes, hand digging with shovels

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

After attending the tailboard I monitored with Jennifer and Ryan as Steve's crew continued trenching between 106 +20 and 107+00. Steve's crew started the day by having his crew explore with hand shovels to find multiple utilities right by the intersection.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

### Geologic Unit(s) Observed:

The sediment here is primarily sugar sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths.

### Lithologic Description(s):

#### **Observations of Paleontological Resources:**

None

### Additional Comments:

Monitored with Ryan, Jennifer, and John.

Plan for tomorrow: Continue into ball rd.

Attachments (Y/N): X Yes No

Photograph Record: 11/19/2019 1:10:48 PM



North, overview of work completed at 106+50



| Project Name:  | Stanton energy reliability | Date: 11/20/2019 8:42:29 AM      |  |
|--|----------------------------|----------------------------------|--|
| Project Location:                                      | Dale Ave and Ball Road     | Weather:<br>Cloudy cool, drizzly |  |
| Monitor(s): dale                                       | exander                    |                                  |  |
| Work Start Time:                                       | 0700                       | Work End Time: 1530              |  |
| Construction Con                                       | npany: SE pipeline         | Contact(s): Richard              |  |
| Did the (sub)contractors work more than 8 hours (Y/N)? |                            | Yes X No                         |  |
| Was the Safety Briefing Attended/Signed:               |                            | X Yes No                         |  |
| Project Description                                    | on:                        |                                  |  |
| Station #105+30 to                                     | 105+85                     |                                  |  |

Scope of Construction Work Monitored/Equipment Used:

Backhoe

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/20/2019 1:20:36 PM



Trench station 105+60



| Project Name: Stanton Energy reliability                                 | y station <b>Date:</b> 11/20/2019 9:26:29 AM   |  |  |
|--|--|--|--|
| <b>Project Location:</b> On Dale on Ball ave <b>Monitor(s):</b> rrolston | e (106+20 Weather:<br>Rainy sprinkling all day |  |  |
| Work Start Time: 7:00  | Work End Time: 3:30                            |  |  |
| Construction Company: Southeast Pip                                      | beline Contact(s): Robert                      |  |  |
| Did the (sub)contractors work more than                                  | 8 hours (Y/N)?                                 |  |  |
| Was the Safety Briefing Attended/Signed                                  | t: X Yes No                                    |  |  |
| Project Description:   |  |  |  |

On Dale on Ball ave (106+20 to 106+60)

### Scope of Construction Work Monitored/Equipment Used:

Three backhoes

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today the y continued to slowly trench at Ball Ave. I monitored as Steves crew worked on the last 30 ft north of the intersection of Ball and Dale. The trenches were dug with the backhoe and were dug to a maximum of 7 ft depth.

### Approximate Dimensions of Construction Area Monitored/Survey Area:

### Geologic Unit(s) Observed:

The sediment here is primarily sugar sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths. Once we got into the intersection proper the top 3 ft of the sediment was silty fill. Benieth this the sugar sand continued but was most likely disturbed due to a buried storm drain pipe at 14 ft. This area also contained a sink hole at 3 ft depth that extended further into the intersection.

Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

Additional Comments: This is Tara Redinger's daily log

Plan for tomorrow: Continue cross Ball Ave.

Attachments (Y/N): X Yes No

### Photograph Record:

11/20/2019 10:39:43 AM 11/20/2019 1:28:03 PM



East. Sinkhole feature discovered when moved into the intersection at Ball Ave (3 ft depth)



South, intersection of Dale and Ball terminates where cones are sitting in picture.



| Project Name:  | Stanton energy reliability | Date: 11/21/2019 8:38:49 AM |  |  |
|--|----------------------------|-----------------------------|--|--|
| Project Location:                                      | Dale Ave and Ball Road,    | Weather:                    |  |  |
| Monitor(s): dale                                       | exander                    | Cloudy and cool             |  |  |
| Work Start Time:                                       | 0700                       | Work End Time: 1530         |  |  |
| Construction Con                                       | npany: SE pipeline         | Contact(s): Alain Mevers    |  |  |
| Did the (sub)contractors work more than 8 hours (Y/N)? |                            | Yes X No                    |  |  |
| Was the Safety Briefing Attended/Signed:               |                            | X Yes No                    |  |  |
| Project Description                                    | on:                        |                             |  |  |
| Station #105+50 to 106+95 and 108+15-108+30            |                            |                             |  |  |
|  |                            |                             |  |  |

### Scope of Construction Work Monitored/Equipment Used:

2-Backhoes

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoes excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/21/2019 12:38:37 PM



Bell hole station 105+75



| Project Name: Stanton Energy reliability station                                     | Date: 11/21/2019 10:36:52 AM       |  |  |
|--|------------------------------------|--|--|
| Project Location:       On Dale south of Ball 110         Monitor(s):       rrolston | Weather:<br>Partially cloudy cool. |  |  |
| Work Start Time: 7:00  | Work End Time: 3:30                |  |  |
| Construction Company: Southeast Pipeline   | Contact(s): Robert.                |  |  |
| Did the (sub)contractors work more than 8 hours (Y/N)?                               | Yes X No                           |  |  |
| Was the Safety Briefing Attended/Signed:   | X Yes No                           |  |  |
| Project Description:   |                                    |  |  |

On Dale south of Ball 110+00 to 111+00

### Scope of Construction Work Monitored/Equipment Used:

Three backhoes and shovels

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today after the tailboard I ,omitored excavation activities with he crew that worked south of Ball Ave. this crew started trenching from site # 110+00 and excavated approximately 40 ft ending around 110+45. Some utilities crossings were observed, water, and electrical around 110+15 which slowed progress. I also spot checked a second machine that was excavating through the Ball/Dale intersection. This area was also partially ,monitored by David.

### Approximate Dimensions of Construction Area Monitored/Survey Area:

### Geologic Unit(s) Observed:

The sediment here is primarily fine grained sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths. Several sections where water and electrical lines crossed were incased by slurry which went down to 2 ft depth.

### Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

Additional Comments: This is Tara Redinger's daily monitoring log.

### Plan for tomorrow:

Continue moving south from Ball road on Dale with the three backhoes.

Attachments (Y/N): X Yes No

### Photograph Record:

11/21/2019 10:36:58 AM



South, start of excavation south of Ball on Dale. Starting at 110+00



| Project Name:       | Stanton energy reliability             | Date: 11/22/2019 9:52:39 AM |
|---------------------|--|-----------------------------|
| Project Location:   | Dale Ave and Ball Road;                | Weather:                    |
| Monitor(s): dale    | exander                                | Clear and sunny             |
| Work Start Time:    | 0700                                   | Work End Time: 1530         |
| Construction Cor    | npany: SE pipeline                     | Contact(s):                 |
| Did the (sub)cont   | tractors work more than 8 hours (Y/N)? | Yes X No                    |
| Was the Safety B    | Briefing Attended/Signed:              | Yes No                      |
| Project Description | on:                                    |                             |
| Station # 106+60 to | o 106+70 and 110+ 50 to 111+00         |                             |

Scope of Construction Work Monitored/Equipment Used:

Backhoe

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

**Observations of Paleontological Resources:** 

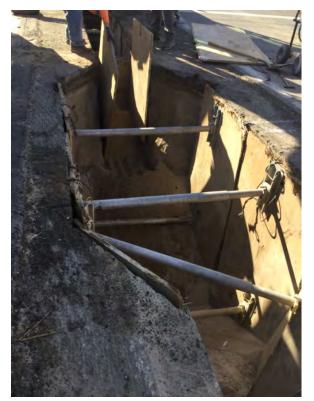
Additional Comments:

Plan for tomorrow: Monitoring as needed on monday

Attachments (Y/N): X Yes No

Photograph Record:

11/22/2019 9:56:21 AM



Bell hole station 106+55



| Project Name: Stanton energy reliability station       | Date: 11/22/2019 9:55:16 AM        |  |  |  |
|--|------------------------------------|--|--|--|
| Project Location: At the intersection of Ball          | Weather:                           |  |  |  |
| Monitor(s): jmcelhoes                                  | Sunny and cri. Warmer in afternoon |  |  |  |
| Work Start Time: 7:00                                  | Work End Time: 3:30                |  |  |  |
| Construction Company: Southeast pipeline               | Contact(s): Robert                 |  |  |  |
| Did the (sub)contractors work more than 8 hours (Y/N)? | Yes X No                           |  |  |  |
| Was the Safety Briefing Attended/Signed:               | X Yes No                           |  |  |  |
| Project Description:                                   |                                    |  |  |  |

At the intersection of Ball and Dale, and south of Ball, (107+50 to 112+25)

#### Scope of Construction Work Monitored/Equipment Used:

#### Backhoe

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today I ,monitored both Steve's on the south side of Ball on Dale ave. The crew in the intersection started at 107 +75 and trenches to a maximum of 9 ft to get around a water main in the middle of the street. By the end of the day they got to 107+90. The second crew started at 111+25 and stopped at 112+00. They trenches with the backhoe down to 7.5 ft max.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

#### Geologic Unit(s) Observed:

The souls at 107+75 are primarily disturbed medium trained sand up to a maximum of 9 ft depth. Here there were several unmarked utilities, and a 13 ft deep water main which proved the disturbed nature of the sediment. The sediment at 111+00 is primarily fine grained sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths. Several sections where water and electrical lines crossed were incased by slurry which went down to 2 ft

#### Lithologic Description(s):

#### **Observations of Paleontological Resources:**

None

Additional Comments: This is Tara Redinger's daily paleo monitoring log for 10/22/2019

**Plan for tomorrow:** Continue finishing up in the intersection, and moving south on Dale past Ball.

Attachments (Y/N): X Yes No

#### Photograph Record:

11/22/2019 10:24 AM



North, start of work in intersection of Dale and Ball. 107+75



| Project Name:       | Stanton energy reliability             | Date: 11/25/2019 10:07:29 AM |
|---------------------|--|------------------------------|
| Project Location:   | Dale Ave and ravenswood                | Weather:                     |
| Monitor(s): dale    | exander                                | Clear and sunny              |
| Work Start Time:    | 0700                                   | Work End Time: 1530          |
| Construction Con    | npany: SE pipeline                     | Contact(s): Alain            |
| Did the (sub)cont   | tractors work more than 8 hours (Y/N)? | Yes X No                     |
| Was the Safety B    | Briefing Attended/Signed:              | X Yes No                     |
| Project Description | on:                                    |                              |
| Station #111+10 to  | o 111+90 And 112+30 to 112+60          |                              |

#### Scope of Construction Work Monitored/Equipment Used:

#### Backhoe

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. 2 backhoes excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

#### **Observations of Paleontological Resources:**

None

**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/25/2019 10:11:33 AM



Bell hole station 112+40



**Project Name:** Stanton energy reliability station

**Project Location:** South of Ball on Dale.

Monitor(s): nlawson

Work Start Time: 7:00

**Construction Company:** Southeast pipeline

Did the (sub)contractors work more than 8 hours (Y/N)?

Was the Safety Briefing Attended/Signed:

#### **Project Description:**

South of Ball on Dale. Between 105+45 and 107+ 50

#### Scope of Construction Work Monitored/Equipment Used:

#### Backhoe

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Attended the tailboard at 7:00, then waited for digging to start south of Dale. Once 5e work area was coned off I primarily monitored Steve 1s crew as they did some cleaning in the northern section of the intersection, and 5en continued completing 5e segment of trench in the center of the intersection. (106+45 to 107+00) They had to go below a large water pipe and several other conduits so the 30 ft of trench that was in the exact center of the intersection went down to approximately 10 ft depth. They were unable to move any further and ended the day by

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

#### Geologic Unit(s) Observed:

The sediment at 107+75 are primarily disturbed medium trained sand up to a maximum of 9 ft depth. Here there were several unmarked utilities, and a 13 ft deep water main which proved the disturbed nature of the sediment. The sediment at 111+00 is primarily fine grained sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths. Several sections where water and electrical lines crossed were incased by slurry which went down to 2 ft

#### Lithologic Description(s):

#### **Observations of Paleontological Resources:**

None

Additional Comments: This is Tara Redinger's Daily Log for November 25

**Plan for tomorrow:** Continue digging south of Dale with at least two machines.

Attachments (Y/N):

Photograph Record:

Date: 11/25/2019 7:54:29 AM

Weather: Cool and mostly sunny.

Work End Time: 3:30

Contact(s): Robert (lead foreman)

Yes X No

X Yes No



| Project Name:                        | Stanton energy reliability            | Date: 11/26/2019 6:44:51 AM      |
|--------------------------------------|---------------------------------------|----------------------------------|
| Project Location:                    | ,                                     | Weather:<br>Clear and sunny,cool |
| Monitor(s): dale<br>Work Start Time: | exander<br>0700                       | Work End Time: 1530              |
| Construction Con                     | npany: SE pipeline                    | Contact(s): Alain                |
| Did the (sub)cont                    | ractors work more than 8 hours (Y/N)? | Yes X No                         |
| Was the Safety B                     | riefing Attended/Signed:              | X Yes No                         |
| Project Description                  | on:                                   |                                  |
| Station #111+90 to                   | and 114+05 tp                         |                                  |

Scope of Construction Work Monitored/Equipment Used:

Backhoes

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoes excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

**Observations of Paleontological Resources:** 

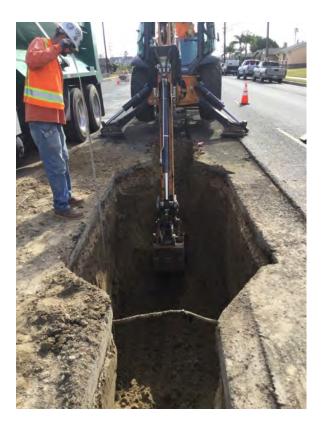
None

Additional Comments:

Plan for tomorrow:

Attachments (Y/N): X Yes No

Photograph Record: 11/26/2019 12:46:12 PM



Bell hole 114+15



| Project Name: Stanton energy reliability station       | Date: 11/26/2019 8:37:51 AM       |
|--|-----------------------------------|
| Project Location: On Dale between Ball and             | Weather:                          |
| Monitor(s): nlawson                                    | Cool, clear skies                 |
| Work Start Time: 7:00                                  | Work End Time: 3:30               |
| Construction Company: Southeast pipeline               | Contact(s): Robert (lead foreman) |
| Did the (sub)contractors work more than 8 hours (Y/N)? | Yes X No                          |
| Was the Safety Briefing Attended/Signed:               | X Yes No                          |
| Project Description:                                   |                                   |
| On Dale between Ball and Brentwood (106+75 to 108+85)  |                                   |

#### Scope of Construction Work Monitored/Equipment Used:

backhoe (3), shovels

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today after the tailboard I went down to Ball and Dale to continue monitoring Steve's crew. Half of the crew was potholing while the other half worked with the backhoe. The trench was dug down to 6 ft max except in the bell holes where it was dug to 7 ft.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

#### Geologic Unit(s) Observed:

trained sand up to a maximum of 7ft depth. The sediment at 108+00 is primarily medium grained sand with inclusions of layered fine grained sand and silt and some asphalt pebbles layers no deeper than 3ft. The cut goes down to 7 ft max in the bell holes and 6 ft in the main trench. The non-disturbed sediments consist of silty sand at 108+50 but slowly transition to loamy soil by 109+50. This sediment has very little stratification or texture, and is generally massive. there is very little change in the sand at all depths. Several sections where water and electrical

#### Lithologic Description(s):

#### **Observations of Paleontological Resources:**

None

Additional Comments:

This is the daily log of Tara Redinger for November 26.

#### Plan for tomorrow:

Weather permitting, trenching will continue down Dale Ave.

Attachments (Y/N):

Photograph Record:

Monitor: Danie | Nolan

Project Name: Stanton Energy Reliability (enter (SERC) Project location (City, State): Stanton, LA Date: 11/15/2019

Project #

Weather: Clear skies, warm

Work Start Time: 07:00 Work End Time: 14:00

Total Monitoring Hrs: 6.5 hrs

PALED WEST

Construction Company: IBL

On-site Contact: Greg (IBE)

Did the (sub)contractors work more than 8 hrs? (X/N)

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 CAT backhoe

#### Project Location and description:

South of Barre Substation, east of Pale Ave.

#### Scope of Construction work monitored (include methods):

IBL uses 450 CAT backhoe to excluste and pothole the van its, impacting Ryfe and fill in a total area of 100ft long, 1.5ft mide, 14ft deep.

#### Geologic Units and Lithology:

Quaternary young allowium (Ryfa; Holocone): dark brown - light gray ish brown, moderately -poorly compacted, moderately sorted, fine-medium quined, subangular-subrounded sands, silts, and clays; impacted at the surface of executions and to approximately 14 ft deep. Fill appears to be backfilled Byfa; impacted at the sulface of excuntions to about 8ft deep.

#### Observation of Paleontological Resources

No paleontological resources were observed or collected.

No Quaternary older alluvium was impacted during vanit potholing.

#### Additional Comments:

None



#### Plan for Tomorrow:

No excavations are planned for tomorrow. On Monday, vault excavations are expected to begin.

Total Time Work Halted or Redirected: Nont

| Additional Pages attached? Yes | Ø | No |  |
|--------------------------------|---|----|--|
|--------------------------------|---|----|--|

Photo Record: PIG1115 - DMN-01: Vault petholing

| Monitor: Daniel Nolan   | Date: 11/16/2019                     |
|---|--------------------------------------|
| Project Name: Environmental Intelligence<br>Stanton Energy Reliability<br>Center (SERC) | Project #                            |
| Project location (City, State): Stanton, CA   | Weather: clear skies, narm           |
| Work Start Time: 7 00 Work End Time:  | 12:15 Total Monitoring Hrs: 5.25 hrs |
| Construction Company: ILB   | On-site Contact: Greg (ILB)          |

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: Yrs

#### Equipment Used:

450 CAT Backhoe

#### **Project Location and description:**

South of Barre Substation, east of Pale Ave

#### Scope of Construction work monitored (include methods):

ILB used 450 LAT backhoe to excavate the vault, impacting Qyfa in a total area of 20ft long, 10ft wide, and 14ft deep.

#### Geologic Units and Lithology:

Ruaternary young alluvial for deposits (Ryfa; Holocene): brown -durk brown, moderately. well sorted, poorly-moderately compacted, subranded, medium-fine grained sands, silts, and clays; impacted at the suiface of excavations to 14ft deep.

#### **Observation of Paleontological Resources**

```
No paleontological resources were observed or collected,
No Quaternary older alluvium was impacted during vault
excavations.
```

#### Additional Comments:

None

PALED WEST



#### Plan for Tomorrow:

ILB will resume vault excavations for the next vault tomorrow.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes 🗌 No 📝

Photo Record:

PIG1118-DMN-01: Vault excavations

Monitor: Daniel Nolan (Palco Solutions) Date: 11/14/2019

Project Name: Stanton Energy Relinbility Center Project # (SERC) Project location (City, State): Stanton, CA Weather: parhally cloudy, cool/warm

Work Start Time: 07:00 Work End Time: 11:45 Total Monitoring Hrs: 4,75 hrs

Construction Company: ILB

On-site Contact: Greg Tellez (ILB Greman)

PALED

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 LAT backhoe

#### Project Location and description:

South of Barre Substation, east of Dale Ave

#### Scope of Construction work monitored (include methods):

ILB used 450 (AT backhoe to excavate the vault, impacting Ryta in a total area of 20ft long, 10ft wide, and 14 Ft deep.

#### Geologic Units and Lithology:

Quaternary young alluvial for deposits (Qyta; Holocene): brown/dark browngrayish brown, mederately - well sorted, goorly-moderately compacted, subrounded medium-fine grained sands, silts, and clays; impacted at the surface of excavations to 14ft deep.

#### **Observation of Paleontological Resources**

No paleontological resources were observed or collected. No anaternary older alluvium was impacted during van It excavations.

#### Additional Comments:

None



#### Plan for Tomorrow:

Excavations for telecom boxes have been Postponed due to rain tomorrow, Excavations will continue at a later date. Total Time Work Halted or Redirected: None

| Additional | Pages attached? Yes | s | No | V |
|------------|---------------------|---|----|---|
|------------|---------------------|---|----|---|

Photo Record:

PIGIIIG - DMN-DI: Vault excavations

# PALEDWEST

# **Daily Monitoring Report - Paleontology**

Monitor: Paniel Nulan (Paleo Solution:) Date: 11/21/2019

Project Name: Environmental Intelligence Project #

(SERL)

Project location (City, State): Stanton, CA Weather: Partially cloudy sturs, cool

Work Start Time: 01:00 Work End Time: 10:45 Total Monitoring Hrs: 3.75 hrs

Construction Company: ILB

On-site Contact: Greg Tellez (ILB foreman)

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: Yes

**Equipment Used:** 

450 CAT Backhoe

#### **Project Location and description:**

South of Barre Substation, east of Dale Ave

#### Scope of Construction work monitored (include methods):

ILB USEd 450 (At backhoic to excavate the trench, impacting Qyfa in an area of 50 ft long, 2 ft wide, and 6-12 ft deep.

#### Geologic Units and Lithology:

Quaternary young alluvial fan deposits Layfa; Holocene): brown/dark brown, moderately sorted, moderately compacted, subrounded, medium-fine graines sands, si Its, and clays; impacted at the surface of exequations to 12 ft deep.

#### **Observation of Paleontological Resources**

```
No paleontological resources were observed or collected.
No Quaternary older alluvium was impacted during trench excavations.
```

#### Additional Comments:

None



Plan for Tomorrow: ILB plans to resume trench excavations for Tomorrow. The trench is only expected to be 6ft deep up until the vault, in which the trench will reach 12ft in depth.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes 🗌 No 🔀

Photo Record:

PIG1121-DMN-01: trench excavations

| Monitor: Fan. el Nolan (Pales Solutions)   | Date: 11/25/2019                |
|--|---------------------------------|
| Project Name: Environmental Intelligence<br>Stanton Energy Remability<br>Center (SERC) | Project #                       |
| Project location (City, State): Stanton, (A  | Weather: Partially cloudy, cool |
| Work Start Time: 7:00 Work End Time:   | Total Monitoring Hrs: 6 hrs     |

Construction Company: ILB

On-site Contact: Greg Tellez (ILB foreman)

PALED

FST

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: Yes

#### **Equipment Used:**

450 LAT backhoe

#### Project Location and description:

South of Barre Substation, east of Pale Ave

#### Scope of Construction work monitored (include methods):

ILB used 450 LAT backhoi to excavate the trench, impacting Qyfa in an area of 70ft long, 2ft mide, and 6-12ft deep.

#### Geologic Units and Lithology:

Quaternary young allowal fan deposits (Ryfa; Holocene): brown, mederately soited, moderately compacted, subrounded, medium-fine grained sands and silts; impacted at the surface of executions to 12 ft deep.

#### **Observation of Paleontological Resources**

No paleontological resources nere observed or collected. No Quaternary Older alluvium was observed during trenching.

#### Additional Comments:

None



ILB plans to resume trenching exavations tomorrow. Expected depths up to 12 ft.

Total Time Work Halted or Redirected: None

| Additiona | Pages | attached? | Yes | No | V |
|-----------|-------|-----------|-----|----|---|
|-----------|-------|-----------|-----|----|---|

Photo Record:

PIG1125-DMN-01: trench excavations

PALEO

WEST

haeology



Monitor: Daniel Nolan (Palec Solutions) Project Name: Environmental Intelligence Stanton Energy Reliability Center (SERC) Project location (City, State): Stanton, (A

Date: 11/26/2019

Project #

Weather: partially cloudy, cost

Work Start Time: 7:00 Work End Time: 9:45

Construction Company: ILB

On-site Contact: Greg Tellez (ILB Foreman)

Total Monitoring Hrs: 2.75 hrs

Did the (sub)contractors work more than 8 hrs? (Y/X)

Safety Briefing Attended and Signed: Yes

#### **Equipment Used:**

450 LAT backhop

#### **Project Location and description:**

south of Barre substation, cast of Dale Ave

#### Scope of Construction work monitored (include methods):

ILBush 450 (At backhos to excavate the trench, impacting Byfa in an area of 50ft long, 2ft mide, and 6-12ft deep.

#### Geologic Units and Lithology:

anaternary young allovial fan deposits (ay fa i Holocene): brown, moderately soithe, moderately to poorly compacted, subrounded, medium - fine grained sands, silts, and clays, impacted at the surface of executions to iZft deep.

#### **Observation of Paleontological Resources**

No paleontological resources were observed or collected.

No Quaternary older alluvium was observed elaring trenching excavations.

#### Additional Comments:

None



#### Plan for Tomorrow:

ILB plans to resume trenching tomorrow, assuming there is no rain. Trenching is not expected to go deeper than 10ft. Next week, trenching west out of the vault (expected depth to 12 Ft) and communication boxes excavations (expected Total Time Work Halted or Redirected: None depth to 10 ft) are expected to begin.

Additional Pages attached? Yes 🗌 No 💟

Photo Record:

PIGII26-DMN-01: trenching excavations

Attachment 8 – ELEC-1

# NIV 5

#### MEMORANDUM - DCBO APPROVAL

| DATE:      | November 26, 2019  |
|------------|--|
| TO:        | Engineering Manager<br>Stanton Energy Reliability Center, LLC/W Power, LLC                 |
| FROM:      | John Moffatt, PE, Electrical Engineer<br>NV5, Inc.<br>John.Moffatt@nv5.com<br>760.556.8373 |
| CC:        | Eric Rodriguez, Lead Engineer<br>NV5, Inc.   |
| SUBMITTAL: | SERC_16-AFC-01_ELEC-1-1.0_X1_UG & D.BANK RCWY PLANS_191106_PCF                             |

#### **MEMORANDUM:**

This memorandum is to inform you that NV5, the Delegate CBO for the STANTON ENERGY RELIABILITY CENTER (16-AFC-01), has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

Digitally signed by John Moffatt SERC\_16-AFC-01 Reason: Reviewed PEVIEWED for Code Compliance Date: 2019.11.26 09:00:38 -08'00'



#### MEMORANDUM – DCBO APPROVAL

DATE: November 7, 2019

TO: Engineering Manager Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan N. Vallow, P.E., Senior Electrical Engineer NV5, Inc. <u>Alan.Vallow@nv5.com</u> 209.329.0765

CC: Eric Rodriguez, Lead Engineer NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_ELEC-1-SI-021-PEI Rev1\_BOP Heat Trace\_191023\_PCF

#### **MEMORANDUM:**

This memorandum is to inform you that NV5, the Delegate CBO for the **STANTON ENERGY RELIABILITY CENTER (16-AFC-01)**, has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

**Digitally signed** by Alan N. Vallow, SERC\_16-AFC-01 PE --- REVIEWED ----**Reason: Reviewed** For Code Compliance Date: 2019.11.07 10:31:44 -08'00'

# NIV 5

#### MEMORANDUM – DCBO APPROVAL

DATE: November 29, 2019

TO: Engineering Manager Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan N. Vallow, P.E., Senior Electrical Engineer NV5, Inc. <u>Alan.Vallow@nv5.com</u> 209.329.0765

CC: Eric Rodriguez, Lead Engineer NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01-ELEC-1-SI-032 ADD OF OUTLETS\_191114\_PCF

#### **MEMORANDUM:**

This memorandum is to inform you that NV5, the Delegate CBO for the **STANTON ENERGY RELIABILITY CENTER (16-AFC-01)**, has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

SERC\_16-APC-01 -- REVIEWED --There are used only for conformation to the 2016 Contractor and Applend of compounding to the 2016 Contractor and Applend of Compounding for compounding to summed Fulliarcens or compoundi

Digitally signed by Alan N. Vallow,

Reason: Reviewed For Code Compliance Date: 2019.11.29 07:54:57 -08'00' Attachment 9 – GEN-2 Master Drawing List

Attachment 9 has been deliberately left blank in this reporting period

Attachment 10 – GEN-3 CBO Payment



Home Accounts Payments Transfers Check Services Tools

#### view US Vere

Use this page to view a US V/ire

#### View Payment History

#### **Payment Information**

| Status                  | Confirmed   |
|-------------------------|---|
| Confirmation Number     | IMAD:1203L4B74B1C000040                             |
| Payment Number          | 50666472  |
| Debit Account           | SERC OP - *****6538                                 |
| Debit Amount            | 124,539 15 USD                                      |
| Value Date              | 12/03/2019  |
| Send Date               | 12/03/2019  |
| Frequency               | One-Time Only                                       |
| Reference for Recipient | Invoice 140640                                      |
| Details of Payment      | Stanton Energy Reliability Center<br>Invoice#140640 |
|                         |   |

**Ordering Customer** 

#### **Recipient Information**

| Recipient      | NV5 Inc.  |
|----------------|---|
|                | 200 S Park Road STE 350<br>Hollywood, FL 33021-8798 |
| Recipient Bank | BANK OF AMERICA, N.A., NY                           |
|                | NEW YORK NY UNITED STATES                           |
|                |   |

#### Options

Intermediary Bank

Receiving Bank

Bank to Bank Information

<u>Cancel</u>

Privacy Notice | Online Privacy Statement

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Help

Timeout: 0:14:56

Attachment 11 – GEN-6 Special Inspectors



PHONE 208-288-6100 FAX 208-288-6199

### FIELD REPORT

| REPORT DATE:  | November 18, 2019                   | TRIP DATE: | October 30 – November 1, 2019 |
|---------------|-------------------------------------|------------|-------------------------------|
| CLIENT:       | Stanton Energy Reliability Center   |            |                               |
| CONTACT:      | Tim Bofman                          | WEATHER:   | Sunny 75-80 deg F             |
| PROJECT:      | Stanton Energy Reliability Center   |            |                               |
| LOCATION:     | Stanton, CA                         |            |                               |
| POWER REP.:   | Joe Bondank                         |            |                               |
| TRIP PURPOSE: | Electrical Construction Observation | on         |                               |

#### CONSTRUCTION AREAS OBSERVED:

| Activity No. | Description   |
|--------------|---|
| 1            | Aboveground Raceway Systems – PDM/CM enclosure area; GSU area pipe rack & cable |
|              | tray systems; and BOP equipment skids.  |
| 2            | Underground to Aboveground Raceway System Transitions – South roadway at RVSS;  |
|              | at OH steel structure just north of NH3 area; and at equipment skids.           |
| 3            | Roxtec openings on GE package equipment.  |
| 4            | Abovegrade connections of grounding conductors to equipment.                    |
| 5            | Indoor Raceway Systems in Packaged Enclosures - SPM; PDM; & CM.                 |

#### **DISCREPANCIES:**

| Activity No. | Description |
|--------------|-------------|
| 1            | None noted. |

#### NOTES:

Contractor added a wrap material to rigid steel stub-ups for additional protection from soil corrosion. The wrap was not specified and is an example of conscientious and quality electrical construction. Contractor concerned about compression of cables entering Roxtec openings. SERC/ARB/Electrical Sub/POWER participated in call with Roxtec technical support to understand how to install cables through Roxtec openings and Roxtec dismissal of concern about cable compression due to its inherent design.

#### CONCLUSION:

Construction observation during this site visit is in conformance with the design intent.

#### FIELD REPORT

#### PHOTOS:



CM Module Raceway



CM Receptacles

#### FIELD REPORT



# Grounding Connection



**MCC Ethernet Connection** 

#### **FIELD REPORT**



**Raceway Under PDM** 



UG to OH Raceway Transition

Attachment 12 – Gen-7 Discrepancy

<Attachment 12 has been deliberately left blank in this reporting period>

Attachment 13 – GEN-8 Final Inspections

< Attachment 13 has been deliberately left blank in this reporting period >

Attachment 14 – SOIL&WATER-4 Water Use

# MONTHLY WATER USAGE LOG

November 2019

# Meter 6917650, 10711 Dale Street, Stanton CA

| _          |         |          |
|------------|---------|----------|
| Date       | Reading | Usage CF |
| 10/28/2019 | 89670   | 560      |
| 10/29/2019 | 90110   | 440      |
| 10/30/2019 | 90850   | 740      |
| 10/31/2019 | 91310   | 460      |
| 11/1/2019  | 91940   | 630      |
| 11/4/2019  | 92410   | 470      |
| 11/5/2019  | 92840   | 430      |
| 11/6/2019  | 93290   | 450      |
| 11/7/2019  | 93640   | 350      |
| 11/8/2019  | 93970   | 330      |
| 11/11/2019 | 93970   | 0        |
| 11/12/2019 | 94330   | 360      |
| 11/13/2019 | 94550   | 220      |
| 11/14/2019 | 94800   | 250      |
| 11/15/2019 | 95090   | 290      |
| 11/18/2019 | 95470   | 380      |
| 11/19/2019 | 96210   | 740      |
| 11/20/2019 | 96340   | 130      |
| 11/21/2019 | 96480   | 140      |
| 11/22/2019 | 96730   | 250      |
|            |         |          |
|            |         |          |

| 11/25/2019 | 97160 | 430 |
|------------|-------|-----|
| 11/26/2019 | 97500 | 340 |
| 11/27/2019 | 97600 | 100 |
| 11/28/2019 | 97600 | 0   |
| 11/29/2019 | 97600 | 0   |

| Total | 8490 |
|-------|------|
|-------|------|

Attachment 15 – SOIL&WATER-8 Encroachment Permit

#### City of Stanton Department of Public Works

: . .

. .

|  |                                   |                      |   |   |                              | 10 .  | - An                                  |                |
|--|-----------------------------------|----------------------|---|---|------------------------------|---|---------------------------------------|----------------|
| Project Start Date: 9/1/19   |                                   |                      |   |   | PERMIT N                     | o. <u>19-1</u> °                            | 583                                   |                |
| Project End Date: 4/1/20   | -                                 |                      |   |   |                              |   |                                       |                |
| APPLICATION FOR:   |                                   |                      |   | **ANY/ALL SUBCC   |                              |   |                                       | v              |
| EXCAVATION PERMIT  |                                   |                      |   | VALID CITY OF ST  |                              |   | _                                     |                |
| STREETS AND SIDEWALKS PERMIT   |                                   |                      |   | ***WHEN CALLING   |                              | PECTION, PLEAS                              | SE                                    |                |
| I STRUCTURES IN STREETS PERMIT   |                                   |                      |   | SUBCONTRACTO  | R:                           | v   |                                       |                |
| STREET LIGHTS AND POLES PERMIT   |                                   |                      |   | BUSINESS LICEN  |                              |   |                                       |                |
| LOCATION/DESCRIPTION OF WORK:  | ER TIE-II                         | N                    |   | LICENSE NUMBEI  | R:                           |   |                                       |                |
|  |                                   |                      |   |   | <del></del>                  |   |                                       |                |
| NAME NICK TASICH: ARB, INC.  |                                   |                      |   | ·   |                              |   | · · · · · · · · · · · · · · · · · · · |                |
| (PLEASE PRINT (Name of Person, Firm, or  | Corporation                       | for whom             | Application is made)  |   |                              |   |                                       |                |
| CITY BUSINESS LICENSE NO. APPLIED  |                                   |                      |   | "NOTE: ALL UTILITY M  | ARKINGS                      | AUST BE DONE W                              | Лтн                                   |                |
| Hereby makes application to perform the followi  | ng described                      | d work.              |   | CHALK PAINT ONLY. TH<br>REQUIRED TO PRESSUR                       |                              |   |                                       |                |
| NO SKETCH, PICTURE OR PLAN IS SUBMITT  | ED:                               |                      |   | MARKINGS AT THE CON<br>MANNER ACCEPTABLE                          | APLETION                     | OF THE PROJECT                              | · · · · ·                             |                |
| SEE ATTACHED SKETCH PLANS CONSISTIN  | G OF                              |                      | SHEETS  | NOT ACCEPTABLE.   |                              | T. BLACK PAINT                              | 12                                    |                |
| INSTALLATION   | LENGTH                            | WIDTH                | DESCRIPTION (TYPE   | OF SURFACE, DEPTH)  | FEES                         | INSPECTION                                  | APV.                                  |                |
| DRIVEWAY(RESIDENTIAL / COMMERCIA   | L) 867 SF                         |                      | NEW APPROACH A  | F8230 PACIFIC SIDE  |                              | DATE  |                                       |                |
| CURB ONLY  |                                   |                      |   |   | (                            | ITY OF 8                                    | TANT                                  | QN             |
| CURB AND GUTTER  | 8'                                | 1.5'                 | GUTTER TIE-IN TO  | NEW APPROACH  |                              | PA  | 0                                     |                |
| CROSS GUTTER   |                                   |                      |   | -   |                              |   |                                       |                |
| STORM DRAIN  |                                   |                      |   |   |                              | NOVO  | 2019                                  | - Ali          |
| SIDE WALK  |                                   |                      |   |   |                              |   | -                                     | 66.070.11 - 47 |
| PAVEMENT   |                                   |                      |   |   | AUTHO                        | RIZATION#                                   | Cradia                                | 1005384        |
| EXCAVATION   | 50'                               | 6' NE                | AT CUT WITH SHORI   | NG BOX AND PLATED   |                              |   | \$45800                               |                |
|  |                                   |                      |   |   |                              |   | <u> </u>                              | 11/5/19        |
|  |                                   |                      |   |   |                              | 4.(   | <u> .</u>                             |                |
|  |                                   |                      | CITY STAFF USE ONLY   |   |                              | Total: 1455                                 | .00                                   |                |
| ADDITIONAL COMMENTS: Contact   | cit                               | x ov                 | ior start of  | work. Mus   | st use                       | 2 APUL                                      |                                       |                |
|  | inking (                          | into                 | gener manho   |   | 1.4                          |   |                                       |                |
| Janary J.  | 7                                 | $\overline{\Lambda}$ |   | 10 <u>h</u>   |                              |   |                                       |                |
|  | X                                 | /                    |   |   | Int                          | ) ald                                       |                                       |                |
| APPROVEDDepartment of Publi  | works - En                        |                      | lvision   |   | 1151<br>Date                 | 2019  |                                       |                |
|  |                                   | Janooning Di         |   |   |                              |   |                                       | J              |
| In consideration of the granting of this permit it<br>Applicant from any liability or responsibility for s | is further agr                    | eed by the           | applicant that the City of Sta                                    | anton and any Officer or Emp                                      | loyee here o                 | of shall be saved ha                        | rmless by the                         |                |
| under the terms of this application and the permit<br>acknowledge that I have read this application and    | or permits wh                     | ich may be           | granted in response, thereto, a                                   | and that all of said liabilities a                                | re bereby as                 | sumed by the Applic                         | ant. Thereby                          | ,              |
| certify that I am properly registered with and/or l  | lcensed as rec                    | uired by th          | e City of Stanton and/or State                                    | of California or that I am the                                    | legal owner                  | of the shave descri                         | hed property                          |                |
| and I certify that in the performance of the work f<br>"I certify that in the performance of the work for  | or which this p<br>which this per | permit is issued     | ued shall not employ any perso<br>I, I shall not employ any perso | on in violation of the workmen'<br>n in any manner so as to becom | s compensat<br>re subject to | ion laws of the State<br>the workmen's comp | of California<br>ensation law:        | , .            |
| of California."  |                                   |                      |   |   |                              |   |                                       |                |
| SIGNED   |                                   | <u>`</u>             | TSILH   |   | PHONEN                       | ю. <u>310.874.</u> 9                        | 9612                                  | -              |
| MAILING ADDRESS 26000 COMME  | RCENTE                            | RE DRI               | VE, LAKE FORES  | T, CA 92630   | <u>city_L/</u>               | KE FORES                                    | T                                     |                |
|  |                                   | RMIT                 |   |   |                              | REQUIRED                                    |                                       |                |
| WHEN APPRO<br>NOTE: The application shall make all neces   |                                   | ements ar            | ıd be responsible   | Call the Departmen<br>Engineering not lat                         |                              |   |                                       | C000,444.00    |
| for the moving of poles, fire hydrants, and o  |                                   |                      |   | day on which you p  | olan to do ti                | ne work at (714) 89                         | 0-4205.                               |                |
|  |                                   |                      |   | No faxes will be ac<br>Job at all times.                          | ceptea. II                   | us permit must be                           | on me                                 |                |

PUBLIC WORKS

# Public Works Encroachment Permit Standard Conditions of Approval

- The Permittee must use chalk paint to mark out all utility markings. The project may be shull down if the City discovers chalk paint was 1. 2.
- The Permittee must remove ALL utility markings in the project area after the conclusion of work (black paint will not be acceptable). The
- utility markings must be pressured washed off (or other approved method) and not damage any existing surfaces. This includes any Work hours shall be Monday through Friday 7:00am - 6:00p, except for major or heavily used streets where work hours shall be 9:00am-3.
- 4.
- The Permittee must call the City to schedule Inspection of work at least 24 hours prior to the start of work at (714) 890-4205.
  - Items requiring Inspection Include, but are not limited to the following: traffic control, excavation backfilling, temporary resurfacing, A copy of the encroachment permit shall be kept at the site of work and made available to any law enforcement or Public Works b.
  - No storage of vehicles/equipment/materials is permitted on any City streets overnight.
- 6.
- All work done in the public ROW shall be performed in accordance with the Standard Specifications for Public Works Construction Steel Plates will be utilized for utility trenching and shall be slip resistant, pinned, recessed, and flushed with the existing
- A copy of the notification to affected Stanton Residents and Businesses must be submitted to the City for approval prior to start of work. 7. Notices must mention dates and times of expected power outages, water shutoffs, areas of limited access (if applicable).

  - b. One 48 hour notice is required.

5.

8

- No Parking notices must be posted 48 hours in advanced to be enforceable. 9.
- The Permittee is responsible for taking photographs of all pre-existing conditions and all signage and traffic control placed in the City of The Permittee will protect in place all existing facilities in the project area and be responsible for repairing them to match the existing 10.
- Any damage to concrete segments shall be removed and replaced to the nearest full slab at the direction of the City inspector. 11. 12. All driveways, ingress, and egress points must be left open during the course of the project.
- A minimum of one lane of traffic must be available in each direction at all times.
- 14. Permittee shall maintain BMP's per the City's standards.

- 15. The Permittee is responsible for removing all graffiti that occurs in the project area during construction.
- A contractor is required to submit to the City a valid certificate of Workman's Compensation insurance prior to the issuance of a Public All contractors performing work in the City will be required to have a business license prior to the issuance of a Public Works Permit. 17. 18.
- One public works permit will be issued for each job site, which is defined as one project in which work performed within one city block as defined by the California Streets and Highway Code, in which identical work is performed at one time. Any exception will be subject to the Final inspection and City approval is required to close the permits and release all bonds. 19. Additional permit conditions may be applicable at the discretion of the City Engineer. 20.

# Additional Comments for Utility Companies and Public Agencies

- 1.
- With the exception of emergency cuts, utility companies and public agencies, or their contractors, shall obtain Public Works Permits for all excavations, backfilling and re-surfacing within the public right-of-way, prior to commencement of work. Emergency cuts are defined as emergency repairs necessary to protect the public health, safety and welfare in which time is of the 2. essence. Emergency cuts by utility companies or public agencies may be performed without prior approval, provided that a Public Works Permit is obtained as soon possible no later than twenty-four (24) hours after the emergency work. In the event the emergency work is performed afterhours when City Hall is closed, a permit must be obtained the next business day. The public works permit fee for the
- Utility companies or public agencies shall submit Public Works Permit applications and plans to the Engineering Division prior to issuance 3.
- of permits. Emergency repairs do not require prior plan approval. All emergency excavation, backfill and re-surfacing shall be in or permits. Emergency repairs do not require prior pran approval. All emergency excavation, backing and re accordance with Standard Specifications for Public Works Construction (Greenbook) and City of Stanton Standards, All work shall be planned and carried out so that there will be the least possible inconvenience to the traveling public. Traffic control plans 4.
- must be submitted to the City of Stanton for approval prior to beginning work (must follow the California Joint Utility Traffic Control Manual or WATCH Manual). Traffic control plans prepared by a registered Traffic Engineer may be required, at the discretion of the City Engineer. 5.
- All repair work associated with the permit must be completed within two weeks of the start date of the permit, unless otherwise approved by the City. Work not completed within this time frame may be require a separate encroachment permit and payment of fee. In addition to applying for Public Works Permits, utility companies shall provide a monthly list of all work performed in the City. Said list 6. shall be submitted to the City Engineering Division at the end of each month and shall include the Permit numbers, dates the work was

# 7800 Katella Avenue • Stanton, California 90680 • (714) 379-9222

| BECELVE<br>SEP 1 9 2019   | J           |               |                                      |  |           |                |           |
|---|-------------|---------------|--------------------------------------|--|-----------|----------------|-----------|
| BY:   |             | Dep           | City of Stantor<br>artment of Public | : Works  | PERMITNO  | 9-1            | 4         |
| act End Date: 09/29/2020  |             |               |                                      | **ANY/ALL SUBCO  |           |                |           |
| EXCAVATION PERMIT   |             |               |                                      | VALID CITY OF STA  |           |                |           |
| STREETS AND SIDEWALKS PERMIT  |             |               |                                      | ***WHEN CALLING<br>GIVE PERMIT NUM                           |           | ECTION, PLEASE | Ę         |
| STRUCTURES IN STREETS PERMIT  |             | rë -          |                                      | SUBCONTRACTOR<br>BUSINESS LICENS                             |           | NO             |           |
| STREET LIGHTS AND POLES PERMIT  |             |               |                                      | LICENSE NUMBER   | -08       |                |           |
| ATION OF WORK: 10670 Dale Ave   | (Refere     | ence TD       | # 1431361)                           | 2.32.792 HOMBER  |           |                |           |
| ew to Trench and install new duc  |             |               |                                      | closure at a time, T   | raffic pe | r attached pl  | ап        |
| southern California Edison-   | Shirley     | / Sarmie      | ento                                 |  |           |                |           |
| (PLEASE PRINT (Name of Person, Firm, or C                               | Corporation | for whom A    | pplication is made)                  |  |           |                |           |
| Y BUSINESS LICENSE NO.  |             |               |                                      | *NOTE: ALL UTILITY MA  |           |                |           |
| eby makes application to perform the following                          | g described | l work.       |                                      | CHALK PAINT ONLY. THE<br>TO PRESSURE WASH OF                 |           |                |           |
| SKETCH, PICTURE OR PLAN IS SUBMITTE<br>ATTACHED SKETCH PLANS CONSISTING | -           | s⊦            | IFETS                                | COMPLETION OF THE PR<br>ACCEPTABLE TO THE CIT<br>ACCEPTABLE. |           |                |           |
| INSTALLATION  | LENGTH      | ,             |                                      | OF SURFACE, DEPTH)   | FEES      | INSPECTION     | AP        |
| DRIVEWAY (RESIDENTIAL / COMMERCIAL)                                     | }           |               | CITY OF S                            | TANTON   |           | DATE           |           |
| CURB ONLY   |             |               | PA                                   |  |           | [              | 1         |
| CURB AND GUTTER   |             |               |                                      |  |           |                |           |
| CROSS GUTTER  | •           |               |                                      | 2010   |           |                |           |
| STORM DRAIN   |             |               | 00131                                | 2013   |           |                |           |
| SIDE WALK   | ÷           |               |                                      | Gratit H 87326E  |           |                |           |
| PAVEMENT  |             | A             | JTHORIZATION#_                       |  | 1         |                |           |
| EXCAVATION  | 80'         | 2'            | Concrete                             | PAphalt \$455  |           |                |           |
|   |             |               |                                      |  | <u> </u>  |                |           |
|   |             | ŀ             |                                      |  |           | h.             |           |
|   |             |               |                                      |  |           | Total: \$ 9    | 5         |
| ADDITIONAL COMMENTS   |             |               | CITY STAFF USE ONLY                  | de Track   |           | ane must       | 1         |
| Contact   | city_       | Drior         | stand of n                           | ork Impact   | 5         | ane must       | <u>be</u> |
| From lam to 5pm-  | . 3         |               |                                      |  |           |                |           |
|   |             |               |                                      | Y  |           |                | -         |
| 10  | 1-          |               |                                      |  | 1.0       |                |           |
| APPROVED  | A.          | nineering Div | ision                                | 10/2<br>Dat  |           |                |           |

In consideration of the granting of this permit it is further agreed by the applicant that the City of Stanton and any Officer or Employee there of stail be saved harmless by the Applicant from any liability or responsibility for any accident, loss or damage to persons or property, happening or occurring as the proximite result of any of the work undertaken under the terms of this application and the permit or permits which may be granted in response, thereto, and that all of said liabilities are bereby assumed by the Applicant. I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction. I hereby certify that I am properly registered with and/or licensed as required by the City of Stanton and/or State of California or that I am the legal owner of the above described property, and I certify that I a the performance of the work for which this permit is issued, I shall not employ any person in violation of the worknen's compensation laws of the State of California."

| SIGNED                                 | Samo | PHONE NO. 949-701-0528 |
|--|------|------------------------|
| MAILING ADDRESS_1851 W. Valencia Drive |      | CITY Fullerton         |

THIS APPLICATION BECOMES A PERMIT WHEN APPROVED

NOTE: The application shall make all necessary arrangements and be responsible for the moving of poles, fire hydrants, and other surface and subsurface objects. INSPECTION IS REQUIRED Call the Department of Public Works - Division of Engineering not later than noon on the day prior to the day on which you plan to do the work at (714) 890-4205 No faxes will be accepted. This permit must be on the job at all times. Attachment 16 – STRUC-1 CBO Approvals

# NIV 5

# MEMORANDUM – DCBO APPROVAL

DATE:November 17, 2019TO:Engineering Manager<br/>Stanton Energy Reliability Center, LLC/W Power, LLCFROM:Alan Ho, S.E., Senior Structural Engineer<br/>NV5, Inc.<br/>Alan.Ho@nv5.com<br/>916.346.8866CC:Eric Rodriguez, Lead Engineer<br/>NV5, Inc.SUBMITTAL:SERC\_16-AFC-01\_STRUC-1-26.0\_TURBINE MONORAIL \_191106\_PCF

#### **MEMORANDUM:**

This memorandum is to inform you that NV5, the Delegate CBO for the **STANTON ENERGY RELIABILITY CENTER (16-AFC-01)**, has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

SERC\_16-AFC-01

#### --- REVIEWED ----

This review is intended only to verify conformity to the 2016 edition of the California Building Standards. It does not relieve Contractor and Applicant of responsibility for requirements of Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, correctness of quantities or dimensions, or coordination of work with other trades. Omissions & Errors on documents shall not be valid and all codes and Laws must be complied with. Digitally signed by Alan Ho

Reason: Reviewed for Code Compliance. Date: 2019.11.17 17:55:55 -08'00'

# NIV 5

# MEMORANDUM – DCBO APPROVAL

DATE:November 17, 2019TO:Engineering Manager<br/>Stanton Energy Reliability Center, LLC/W Power, LLCFROM:Alan Ho, S.E., Senior Structural Engineer<br/>NV5, Inc.<br/>Alan.Ho@nv5.com<br/>916.346.8866CC:Eric Rodriguez, Lead Engineer<br/>NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_STRUC-1-42.0\_AFCU SKID & CALCS\_191115\_PCF

#### **MEMORANDUM:**

This memorandum is to inform you that NV5, the Delegate CBO for the **STANTON ENERGY RELIABILITY CENTER (16-AFC-01)**, has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

Should you have any questions or need additional information, please feel free to contact me.

SERC\_16-AFC-01 --- REVIEWED ---This review is intended only to verify conformity to the 2016

This review is intended only to verify conformity to the 2010 edition of the California Building Standards. It does not relieve Contractor and Applicant of responsibility for requirements of Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, correctness of quantities or dimensions, or coordination of work with other trades. Omissions & Errors on documents shall not be valid and all codes and Laws must be complied with. Digitally signed by Alan Ho

Reason: Reviewed for Code Compliance. Date: 2019.11.17 17:47:17 -08'00' Attachment 17 – TRANS-1 Permits

# **TRANS-1** Roadway Use Permits and Regulations November 2019

- 1. Crated Machine Center delivered on 9/23/19 10/23/19
  - City of San Bernardino WL19-00666
- 2. Frame Module 9/24/19 9/26/19
  - City of Stanton TPO-553
- 3. Crated Machine Center delivered on 9/23/19 9/25/19
  - City of Stanton TPO-550
- 4. Crated Machine Center delivered on 10/02/19 10/04/19
  - State of California e19-088377

Attachment 18 – Safety Inspection Report



# SERC – PSC MONTHLY SAFETY INSPECTION COMPLIANCE REPORT NOVEMBER 2019

The following information for the SERC Project safety inspection and compliance to the site as required by CEC, CBO and Wellhead in the month of November 2019.

We have been in compliance with all safety policies and procedures on the SERC project. Personnel have been participating in our Personal Safety Commitment observation program and stop work responsibility has been a big focus to our constantly changing safety culture. We have had no incidents and/ or Injuries to report this period.

We have been processing a number of new Personnel for ARB, our Sub-Contractors and Inspection Personnel for Wellhead through the SERC WEAP Orientation and SERC Site specific Safety training. Parking passes for all craft workers will continue for established parking at the Bethel Church off of Dale Street and Admin passes for the Pacific St. parking lot. Parking there has been good and the effort has been closely monitored and coordinated.

We have started PSC/ARB's "Finish Strong- Start Strong Safety" Series Program and will continue it through the months of November, December & January in an effort to try and lessen the trend of workers getting hurt around the holiday season. This is a Nine (9) week series of safety topics just to get our Personnel re-focused on the project. The following have been discussed and shared through the month of November, Communications, Evacuation Procedures, Alarms & Locations, Finish Strong/ Start Strong- Pre Job Planning – STAR Card, Finish Strong/ Start Strong- Hand Safety as the topics in our all hands safety meetings for the month of November 2019. We have applied special emphasis on being aware of other Crafts in your work areas. We are also constantly emphasizing the use of spotters at all times especially around the overhead power lines due to the close proximity of these lines and the tightness of the project location. A lot of activity on the project with manlifts, forklift, overhead work and cranes. The Triple 9 Crane has been dismantled and removed from the Project site and FAA has been notified. All Personnel have coordinated these activities very well and communications amongst the craft has been great. We continue to stress to all our Personnel to stay focused, keep aware of your surrounding and do not get complacent.

We have had no First Aids, no near misses, no recordables or loss time Injuries to report for this month.

Tim Draper, ARB, Inc. Safety Manager, SERC Project Safety <u>tdraper@prim.com</u> (949) 678-1643 Attachment 19 – CIVIL-3 Non-Compliance Reports

<Attachment 19 has been deliberately left blank in this reporting period>

Attachment 20 - COM-6 Filings & Permits to/by Government Agencies

#### EXTERNAL EMAIL

EMLCFM 01408B USAS 11/15/19 11:38:51 A190280441-13B RNEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California. This is an automatically generated confirmation of your DigAlert.

For your safety please excavate carefully around the marked utility lines.

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This is not a certified copy of the ticket.

Ticket: A190280441 Rev: 13B Created: 11/15/19 11:38 User: DIRECT Chan: WEB

Work Start: 11/15/19 11:38 Legal Start: 11/15/19 11:38 Expires: 12/13/19 23:59 Response required: N Priority: 2

Excavator Information Company: ARB, INC. Co Addr: 26000 COMMERCENTRE DRIVE City : LAKE FOREST State: CA Zip: 92630 Created By: NICHOLAS TASICH Language: ENGLISH Office Phone: 949-598-9242 SMS/Cell: Office Email: NTASICH@PRIM.COM Site Contact: RUBEL MARTINEZ Site Phone: 661-343-1481 Site SMS/Cell: Site Email:

Excavation Area State: CA County: ORANGE Place: STANTON Zip: Location: Address/Street: 10711 DALE AVE : X/ST1: MONROE AVE : AREA BOUNDED E/BY DALE AVE, S/BY APPROX 305FT N/OF N/INTER OF MONROE : AVE, W/BY APPROX 1397FT W/OF DALE AVE, N/BY APPROX 441FT N/OF N/INTER : OF MONROE AVE;

Delineated Method: WHITEPAINT Work Type: INSTALL UGRND UTIL, BRIDGE WORK, WALL WORK Work For : WELLHEAD ELECTRIC Permit: 16-AFC-01 Job/Work order: 1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N Lat/Long Center Generated (NAD83): 33.807366/-117.989592 33.807418/-117.984107 : 33.806196/-117.989581 33.806248/-117.984096 Excavator Provided: 33.806648/-117.984594 33.807001/-117.984598

: 33.806951/-117.989093 33.806613/-117.989092

Map link:

https://newtin.digalert.org/newtinweb/map\_tkt.nap?TRG=6Az66q5xw6p0qAo-z

#### Comments:

\*\*RESEND\*\*UPDATE ONLY-WORK CONT PER NICK TASICH--[JLL 02/15/2019 10:37:32 AM] \*\*RESEND\*\*REQUEST REMARKS FROM ALL-WORK CONT W/SIDE TO APPROX 100FT W/OF THE

W/SIDE OF DALE AVE (TO FENCE LINE) FRM APPROX 305 N/OF THE N/INTER OF MONROE AVE N/TO APPROX 441FT N/OF MONROE AVE. PER NICK TASICH--[JLL 02/15/2019 10:38:02 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 03/14/19 13:21] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 04/10/19 07:48] \*\*RENEW TICKET\*\* WORK CONTINUING PER JOSH KRAHL--[DIRECT 05/02/2019 08:52 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 05/20/2019 01:16 PM1 \*\*RENEW TICKET\*\* WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 06/12/2019 02:20 PM1 \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 07/08/2019 07:50 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 08/01/2019 10:37 AM 1 \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 08/28/2019 10:40 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER JOSHUA KHAHL--[DIRECT 09/24/2019 07:16 AM ] \*\*RENEW TICKET\*\* WORK CONTINUING PER JOSHUA KHAHL--[DIRECT 10/21/2019 09:20 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 11/15/2019 11:38 AM] Members: ATTDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929 GAR01 C/OF GARDEN GROVE-WATER LES RUITEMSCHILD 714-290-8986 714-577-5011 MWD05 METROPOLITAN WATER CONTROL ROOM SCG28T SC GAS BREA -TRANSMISSION SCG2XN SC GAS - GARDEN GROVE ADAM JUAREZ 714-634-3196 LEAD DISPATCHER - CHUCK 800-603-7060 SCW2M GOLDEN STATE WATER - GARDENA DAVID CATHCART 310-660-0320 SO CAL WATER(GOLDEN ST WTR) SCW2P GILBERT ESTRADA 562-547-7073xCELL UCHTRW C5 UTIL/SPECTRUM GG - CATV SPECTRUM DAMAGE ONLY 844-780-6054 USCE03 UTILIQUEST 4 SCE-NO OR COAST SC EDISON PERSONNEL 800-611-1911

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800-655-8844

USCETT84SE UTIL 4 SCE TRNS TELEC-FIB TCC

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#### EXTERNAL EMAIL

EMLCFM 00611B USAS 11/05/19 08:38:22 A190280541-12B RNEW NORM POLY LREQ

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This is not a certified copy of the ticket.

Ticket: A190280541 Rev: 12B Created: 11/05/19 08:38 User: DIRECT Chan: WEB

Work Start: 11/05/19 08:37 Legal Start: 11/05/19 08:38 Expires: 12/03/19 23:59 Response required: N Priority: 2

Excavator Information Company: ARB, INC Co Addr: 26000 COMMERCENTRE DRIVE City : LAKE FOREST State: CA Zip: 92630 Created By: NICK TASICH Language: ENGLISH Office Phone: 310-874-9612 SMS/Cell: 310-874-9612 Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ Site Phone: 661-343-1481 Site SMS/Cell: Site Email:

Excavation Area State: CA County: ORANGE Place: STANTON Zip: Location: Address/Street: 10711 DALE AVE : X/ST1: STANDUSTRIAL ST : : IN REAR OF ADDRESS : \*\* CALL WITH ETA \*\*

Delineated Method: WHITEPAINT Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION Work For : WELLHEAD ELECTRIC Permit: 16-AFC-01 Job/Work order: 1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long Center Generated (NAD83): 33.808179/-117.985005 33.808186/-117.984017 : 33.806210/-117.984990 33.806217/-117.984002 Excavator Provided:

Map link: https://newtin.digalert.org/newtinweb/map tkt.nap?TRG=7BBoEiFr4p9i2o4-f

Comments:

\*\*RESEND\*\*UPDATE ONLY-WORK CONT PER NICK TASICH--[WEBUBW 02/22/19 09:28] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:14] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:18] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 04/16/19 08:45] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 05/07/2019 08:58 AM]

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SCW2MGOLDEN STATE WATER - GARDENADAVID CATHCART310-660-0320SCW2PSO CAL WATER(GOLDEN ST WTR)GILBERT ESTRADA562-547-7073xCELLUCHTRW\_C5 UTIL/SPECTRUM GG - CATVSPECTRUM DAMAGE ONLY844-780-6054USCE03 UTILIQUEST 4 SCE-NO OR COASTSC EDISON PERSONNEL800-611-1911USCETT84SE UTIL 4 SCE TRNS TELEC-FIB TCC800-655-8844

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#### EXTERNAL EMAIL

EMLCFM 00613B USAS 11/05/19 08:38:25 A190280543-12B RNEW NORM POLY LREQ

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Ticket: A190280543 Rev: 12B Created: 11/05/19 08:38 User: DIRECT Chan: WEB

Work Start: 11/05/19 08:37 Legal Start: 11/05/19 08:38 Expires: 12/03/19 23:59 Response required: N Priority: 2

Excavator Information Company: BILL'S BACKHOE Co Addr: 13203 BARLIN AVE City : DOWNEY Created By: NICK TASICH Office Phone: 310-874-9612 Office Email: NTASICH@PRIM.COM Excavator Information State: CA Zip: 90242 Language: ENGLISH SMS/Cell: 310-874-9612

Site Contact: RUBEL MARTINEZ Site Phone: 661-343-1481 Site SMS/Cell: Site Email:

Excavation Area State: CA County: ORANGE Place: STANTON Zip: Location: Address/Street: 10711 DALE AVE : X/ST1: STANDUSTRIAL ST : : IN REAR OF ADDRESS : \*\* CALL WITH ETA \*\*

Delineated Method: WHITEPAINT Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION Work For : WELLHEAD ELECTRIC Permit: 16-AFC-01 Job/Work order: 1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long Center Generated (NAD83): 33.808179/-117.985005 33.808186/-117.984017 : 33.806210/-117.984990 33.806217/-117.984002 Excavator Provided:

Map link: https://newtin.digalert.org/newtinweb/map\_tkt.nap?TRG=FBDmKcLhAn6n1p7-g

Comments:

\*\*RESEND\*\*UPDATE ONLY-WORK CONT PER NICK TASICH--[WEBUBW 02/22/19 09:28] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:14] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:18] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 04/16/19 08:45] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 05/07/2019 08:58 AM]

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#### EXTERNAL EMAIL

EMLCFM 00612B USAS 11/05/19 08:38:24 A190280551-12B RNEW NORM POLY LREQ

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Ticket: A190280551 Rev: 12B Created: 11/05/19 08:38 User: DIRECT Chan: WEB

Work Start: 11/05/19 08:37 Legal Start: 11/05/19 08:38 Expires: 12/03/19 23:59 Response required: N Priority: 2

Response required. N Priority. 2

Excavator Information Company: ORTIZ ENTERPRISE INC Co Addr: 6 CUSHING #200 City : LAKE FOREST State: CA Zip: 92618 Created By: NICK TASICH Language: ENGLISH Office Phone: 310-874-9612 Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ Site Phone: 661-343-1481 Site SMS/Cell: Site Email:

Excavation Area State: CA County: ORANGE Place: STANTON Zip: Location: Address/Street: 10711 DALE AVE : X/ST1: STANDUSTRIAL ST : : IN REAR OF ADDRESS : \*\* CALL WITH ETA \*\*

Delineated Method: WHITEPAINT Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION Work For : WELLHEAD ELECTRIC Permit: 16-AFC-01 Job/Work order: 1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long Center Generated (NAD83): 33.808179/-117.985005 33.808186/-117.984017 : 33.806210/-117.984990 33.806217/-117.984002 Excavator Provided:

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Note!: This email originated from outside our organization. Be cautious when opening Links and Attachments that you were not expecting. Attachment 21 - COM-11 Reporting of Complaints, Notices, and Citations

| SERC                                |  |
|-------------------------------------|--|
| COMPLAINT REPORT AND RESOLUTION LOG |  |

| Incident<br># | Incidents Occurred this Period         | Resolution Actions Taken   | Status of Unresolved Actions form<br>Previous MCR's |
|---------------|--|--|---|
| 01            | Complaint about Track-out on Dale Ave. | All construction equipment vehicle tires shall be inspected and<br>washed as necessary to be cleaned free of dirt prior to entering<br>Dale Ave.   | N/A   |
|               |  | <ol> <li>Additional gravel was added to the existing ramps at the tire<br/>washing/cleaning station</li> </ol>   |   |
|               |  | <ol> <li>Additional laborers were assigned to the Dale Ave entrance<br/>when there is a risk of any track-out to scrape and sweep<br/>immediately. A Sweeping machine is being kept on location and<br/>be used as necessary to clean up all track-out.</li> </ol>   |   |
|               |  | 3. The assigned laborers will also be sweeping the rumble plates when build-up occurs to maintain the efficiency of the plates.  |   |
|               |  | 4. Above and beyond, the contractor added another set of rumble plates and gravel at the Dale Ave. entrance.   |   |
| 02            | Noise Complaint                        | SERC received a noise complaint at 9:33am on Friday, April<br>5, 2019. The complaint came from a Mr. Hill who lives at the<br>Katella Mobile Home Estates located at 10800 Dale Ave,<br>Stanton, CA. Mr. Hill complained about the use of a<br>chainsaw at 3:10 am on Saturday morning (3/30/19) and<br>hearing an air compressor and the hammering of nails at<br>3:25 am on Monday morning (4/1/19). Representatives<br>from SERC spoke with Mr. Hill at 2:19pm on Friday April 5 <sup>th</sup><br>to better understand his complaint. |   |
|               |  | SERC investigated the incident with ARB and confirmed that<br>there was no activity on the SERC site during these hours.<br>The Noise Complaint Resolution Form (COC NOISE 2) was<br>submitted to the CPM documenting the complaint.   |   |

Attachment 22 – MECH-1 CBO Inspection Approvals

| INSPECTION M                          | IADE: SERC_16-AFC-01_13.8KV,   | , Turbine removal, 480V Transformer FND | 0'S_20191119 |
|---------------------------------------|--|---|--------------|
| DATE / TIME: _                        | 1/20 and 11/22 2019 @ 1:30   | Ed Puccetti                             |              |
| ÀAPPROVED<br>□ DISAPPRO<br>□ REINSPEC |  | □AT RISK<br>□PHASE PASS                 |              |
| SIGNATURE:                            | Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billetador<br>Billet | DATE: 11/26/19                          |              |

#### **COMMENTS:**

Inspected the re-bar installation for the 13.8kV Switch Gear Foundation and the Turbine Removal Foundation on 11/20 at 1:30. Inspection passed with no exceptions taken. The re-bar installation for the Transformer Foundations will be done in the next day or two. Marylee inspected the Transformer Foundation on 11/22. All inspections passed with no exceptions taken.

OFFICES NATIONWIDE

NV 5

INSPECTION MADE: SERC\_16-AFC-01\_Ammonia Injection Skid FND\_20191118

DATE / TIME: \_\_\_\_\_\_ INSPECTOR: \_\_\_\_\_ Ed Puccetti

## **APPROVED** □ REINSPECTION REQUIRED

**AT RISK PHASE PASS** 

SIGNATURE:



**DATE:** 11/18/19

#### **COMMENTS:**

Approved with no exceptions taken

OFFICES NATIONWIDE

NV5

INSPECTION MADE: SERC\_16-AFC-01\_Demin Water Tank Clean and Close \_20191119

DATE / TIME: \_\_\_\_\_ INSPECTOR: \_\_\_\_\_ Ed Puccetti

## **APPROVED** □ REINSPECTION REQUIRED

**AT RISK PHASE PASS** 

SIGNATURE:



DATE: 11/19/2019

#### **COMMENTS:**

Approved with no exceptions taken

OFFICES NATIONWIDE

INSPECTION MADE: SERC\_16-AFC-01\_East side Site Drainage\_20191125

DATE / TIME: \_\_\_\_\_\_ INSPECTOR: \_\_\_\_\_ Ed Puccetti

**APPROVED** □ REINSPECTION REQUIRED **AT RISK PHASE PASS** 

SIGNATURE:



**DATE:** 11/26/19

#### **COMMENTS:**

Approved with no exceptions; review of installation on 10/9, 10/10, 10/11, 10/16 10/17 and 11/18

OFFICES NATIONWIDE

INSPECTION MADE: SERC\_16-AFC-01\_Fire Protection Systems UG Pressure Test\_20191107

| DATE / TIME:                              | /7/2019 @ 1:30 pm<br>INSPEC  | ror: Mary Lee Knolle    |
|---|--|-------------------------|
| ÄAPPROVED<br>□ DISAPPROVI<br>□ REINSPECTI |  | □AT RISK<br>□PHASE PASS |
| SIGNATURE:                                | Digitally signed by<br>Edward Puccetti<br>Date: 2019.11.08<br>10:52:17 -08'00' | <b>DATE:</b> 11/8/19    |

#### **COMMENTS:**

This inspection request covers the underground only, for this systems indicated on the Pressure Test Reports, and based upon the signed Pressure Test Reports dated: 5-21-19, 6-19-19 and 6-26.

This system is passed based upon the information on these reports only.

OFFICES NATIONWIDE

| INSPECTION N                          | IADE: SERC_16-AFC-01_Fuel gas  | s Systems UG Pressure Test_20191107 |  |
|---------------------------------------|--|-------------------------------------|--|
| DATE / TIME: _                        | 11/7/2019 @ 1:30 pm<br>INSPEC  | TOR: Ed Puccetti                    |  |
| ĂAPPROVEI<br>□ DISAPPRO<br>□ REINSPEC | -  | □AT RISK<br>□PHASE PASS             |  |
| SIGNATURE:                            | Digitally signed by<br>Edward Puccetti<br>Date: 2019.11.13<br>11:00:13 -08'00' | DATE: 11/13/2019                    |  |

#### **COMMENTS:**

This inspection request covers the underground piping system; only, and for the systems indicated on the signed Pressure Test Reports, FSG-01, FSG-02 and FSG-04 This system is passed based upon the information on these reports only.

OFFICES NATIONWIDE

INSPECTION MADE: SERC\_16-AFC-01\_Potable Water Systems UG Pressure Test\_20191107

| DATE / TIME:              | /7/2019 @ 1:30 pm<br>INSPEC  | TOR: Mary Lee Knolle    |  |
|---------------------------|--|-------------------------|--|
| ĂAPPROVED<br>□ DISAPPROVI | ED   | □AT RISK<br>□PHASE PASS |  |
|                           | ON REQUIRED  |                         |  |
| SIGNATURE:                | Digitally signed by<br>Edward Puccetti<br>Date: 2019.11.08<br>11:06:23 -08'00' | DATE: 11/8/19           |  |

#### **COMMENTS:**

This inspection request covers the underground only, for this system indicated on the Pressure Test Reports, and based upon the signed Pressure Test Reports dated: 5-28-19, 6-14-19, 7-8-19 and 7-12-19.

This system is passed based upon the information on these reports only.

OFFICES NATIONWIDE

INSPECTION MADE: SERC\_16-AFC-01\_Site Area Paving @ CTG #2 Area\_20191107

DATE / TIME: \_\_\_\_\_\_ INSPECTOR: \_\_\_\_\_ Ed Puccetti

## **APPROVED** □ REINSPECTION REQUIRED

**AT RISK PHASE PASS** 

SIGNATURE:



**DATE:** 11/7/19

#### **COMMENTS:**

Approved with no exceptions taken

OFFICES NATIONWIDE

NV5

End Report