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Project Title:	Stanton Energy Reliability Center - Compliance
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Document Title:	Stanton Energy Reliability Center - Compliance
Description:	Monthly Compliance Report
Filer:	John Heiser
Organization:	California Energy Commission
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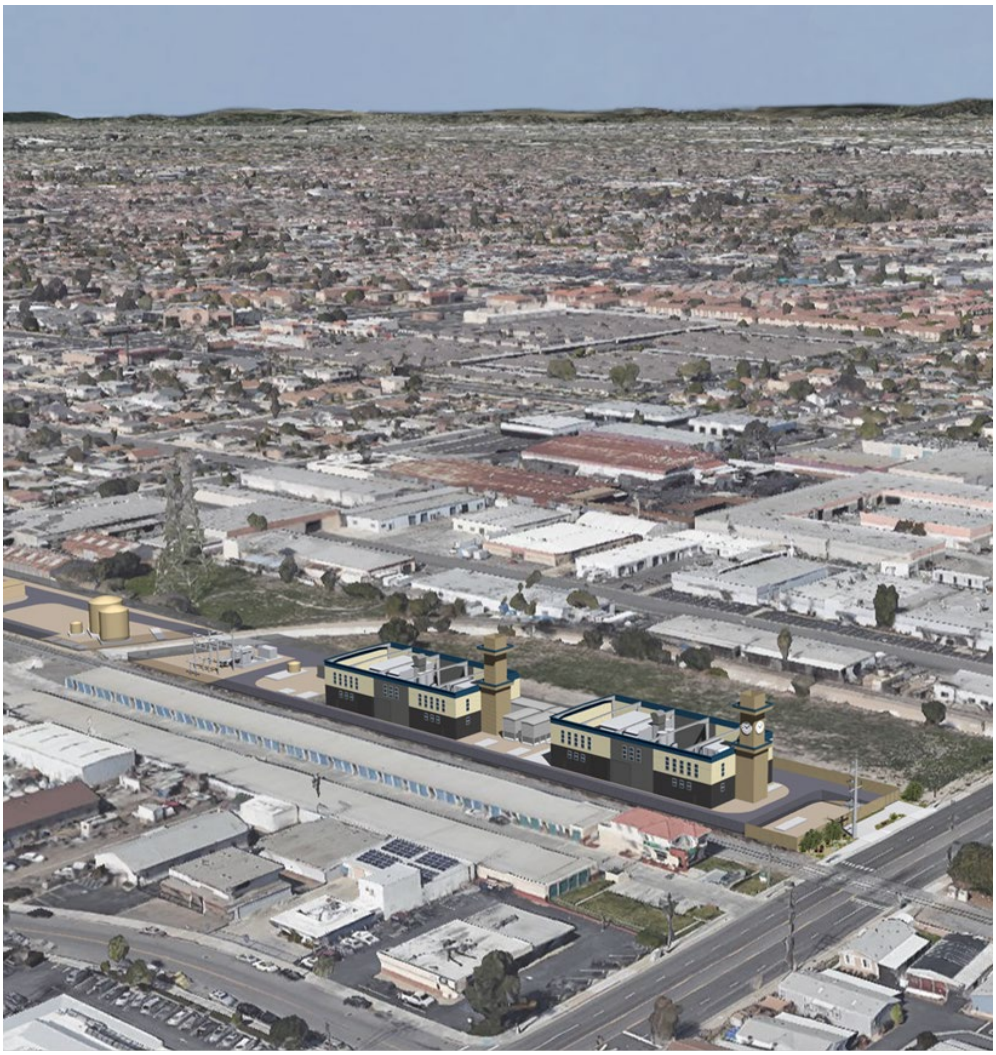
Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01
Monthly Compliance Report No. 14
Reporting Period: March 2020



Prepared by Stanton Energy Reliability Center, LLC (SERC)
Submitted April 14, 2020

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Key Events List

PROJECT:	Stanton Energy Reliability Center
DOCKET #:	16-AFC-01
COMPLIANCE PROJECT MANAGER:	John Heiser

EVENT DESCRIPTION	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-Construction	January 31, 2019
Start Site Mobilization/Construction	February 12, 2019
Begin Pouring Major Foundation Concrete	March 29, 2019
Begin Installing Major Equipment	September 4, 2019
Completion of Installation of Major Equipment	January, 2020
First Combustion of Gas Turbine	March, 2020
Obtain Building Occupation Permit	TBD
Start Commercial Operation	BESS July 1, 2020; LM6000 July 1, 2020
Complete All Construction	April 28, 2020
TRANSMISSION LINE ACTIVITIES	
Start Transmission Line Construction	August 2019
Complete Transmission Line Construction	February 26, 2020
Synchronization with Grid and Interconnection	March 2, 2020
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	August 2019
Complete Gas Pipeline Construction	March 2020
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	March 17, 2020
Complete Water Supply Line Construction	March 2020

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: March 2020.

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).

On February 28, 2020, SERC petitioned the CEC to change the certification for the SERC project to add additional construction parking and laydown areas. This modification will not result in any significant environmental impacts and no modifications to the Condition of Certification are necessary.

BESS construction has been awarded to TTS Construction ("TTSC") on February 27, 2020 via a Limited Notice to Proceed (LNTP).

March saw the completion of multiple electrical and mechanical systems in the BOP and Unit 2. A few systems related to Unit 1 have been turned over to the Commissioning Team.

During October 2019, the general contractor ARB awarded the Startup and Commissioning activity to Universal Energy (UEI). UEI has been holding daily meetings and commissioning systems.

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

During this reporting period SoCal Gas continued work in the Fuel Gas MSA yard completing the installation of supports. The MSA electrical, cathodic protection wells and commissioning has been re-scheduled for mid-April.

Battery Energy Storage System (BESS) construction commenced on March 16, 2020. 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 March 2020.

Activity	Percent Complete
Engineering	
Power Island	99%

CBO Support	93%
BESS Design (Adj. 4/6/20)	83%
Procurement	
Owner Supplied Equipment	100%
Contractor Supplied Equipment	100%
Construction	
Power Island	96%
BESS	2%

1.1 Engineering

POWER Engineers planned detailed design of the plant is complete. All detailed design systems have been submitted.

Through the month of March 2020 Power Engineers continues to receive RFIs and contractor material submittals. The commissioning and startup phase of the work is underway, and POWER is getting RFIs and miscellaneous documents for review and response.

In addition, Power Engineers coordinated with Golden State Water Company and provided tie-in location information. In addition, sketches were provided of hazardous location zones around the CTG and specified hazardous lighting fixture for a couple of locations.

Power Engineers provided startup and commissioning support that entailed supervisory control system activities that included a control system specialist at site to check out the system and provide a narrative document the following:

- Issued SCS logic diagrams – Updated
- Provided on-site electrical engineer to support during backfeed
- Provided home office support to SERC with backfeed coordination and troubleshooting
- Provided sketches to jumper out BESS contacts in control schemes until BESS system is installed
- Responded to a variety of protective relay troubleshooting issues

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

- Continued to receive contractor request for information and respond
- 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 100% complete.

1.3 Construction

ARB

During the month of March completed the Fuel Gas line air blows and Oil Flushes with the exception of Hydraulic Starter systems on both units. The work on Unit 1 ERU and the sheeting on Unit 1 PBE was completed. ARB/UEI continued to provide commissioning support.

Golden State Water Co. issued its construction contract with J.A. Salazar and filed a City of Stanton encroachment permit application in January 2020, with receipt of the encroachment permit and pre-construction meetings having occurred in February and March. Water tie-ins from Dale Avenue are expected in early-April, and tie-ins from Pacific Street are expected in April.

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

Safety:

The month of March was completed with no First Aids, no near miss, 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 contractor worked 15,696 man-hours without a lost time or recordable incident. To date, the contactor has worked 194,600 man-hours without a lost time, or recordable Incident, and only seven first aids. The combined project worked hours without a lost time or recordable incident is 194,724.

Civil:

- Completed Storm drain installation with exception of backfill at the drainage channel
- Working on final grading around site and site work at Dale Street gate

Piping:

- Completed Fuel Gas line
- Completed Fire Water line up to Tie-in Point (Waiting on GSW to complete work at Dale Ave. for final connection)

Structural:

- Installed roll up doors on Unit 1 PBE
- Framed removable opening on Unit 1 and Unit 2 Generator Removal (West) walls
- Working on Architectural fencing on West end of site

Electrical:

- Work on site lighting
- Working on SI change orders

TTSC

The site was mobilized during the week of March 9th, 2020. Mobilization included the set up

and preparation of commencing site safety training as well activities during the following week of March 16, 2020 in which initial construction activities would begin. TTSC worked with SERC/NV5/Jacobs to commence site safety protocols including the implementation of the site-specific training program as well as the WEAP orientation.

Initial site activities for the month of March were to include:

- Excavation
- Off haul trucking
- Backfill and compaction
- Flowable fill installation

Site personnel were indoctrinated per the site safety programs. Please note a few of the upcoming site hazards that were discussed such as:

- Watch for moving equipment and trucks
- Confirm back up alarms work on the equipment
- Verify distances for work around the overhead power lines
- Working in and around an open trench including access

Due to the COVID-19 – Coronavirus Epidemic, governmental authority implementing restrictions (and the unknown and continued evolvement of restrictions) as well as the rapid transmission of the virus, it was determined that the site would temporarily halt site construction activities approximately March 18, 2020. TTSC and its subcontractors left the site until notification to re-mobilize and begin construction activities during the 1st week of April.

During this time period an additional training component regarding COVID-19 was added to be a part of the site-specific training requirement upon re-commencement of the work.

Safety:

During this reporting period the contractor worked 124 man-hours without a lost time or recordable incident. To date, the contractor has worked 124 man-hours without a lost time, or recordable Incident, and only seven first aids. The combined project worked hours without a lost time or recordable incident is 194,724.

Civil:

- Survey and layout of the work

Piping:

- No site activities

Structural:

- No site activities

Electrical:

- No site activities

1.4 Explanation of Significant Changes to the Schedule

Mechanical Completion of the gas turbine generators has been re-forecasted from April 1, 2020 to April 11, 2020 as shown in the March 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 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 60 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 841. 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 pre-construction 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: During the reporting period there were no proposed changes to the drainage structures and the grading; 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 5th. Documentation of the payment, including a receipt from the CEC was forwarded to the CPM.

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 60 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 841 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: There was one cultural resource discovery made during the reporting period on March 16, as reported in the Cultural Resources Specialist's monthly summary report.

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 seven (7) approvals by the DCBO as indicated in Attachment 8.

Additionally, there were no 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.

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

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

GEN-6: There were seven (7) additional special inspectors approved during the reporting period as indicated in Attachment 11.

GEN-7: There were no Design Discrepancy Corrections during the reporting period as indicated in Attachment 12.

GEN-8: There was one (1) final inspection during this reporting period as described in GEN-8 Attachment 13.

MECH-1: There were two (2) 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 as indicated in Attachment 22.

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 60 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 841. 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 4,970 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 no deliveries requiring permits during the reporting period for vehicle sizes, weights, driver licensing and truck routes as identified 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 did not apply for or receive an encroachment permit. However, the encroachment permits for the temporary driveway at Dale Ave and the sanitary sewer connection at Pacific St are still in place.

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 no 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.

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

WASTE-4: During this reporting period eight (8) forty-yard bins of construction waste left the site, one(1) forty-yard waste metal bin and two(2) 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:

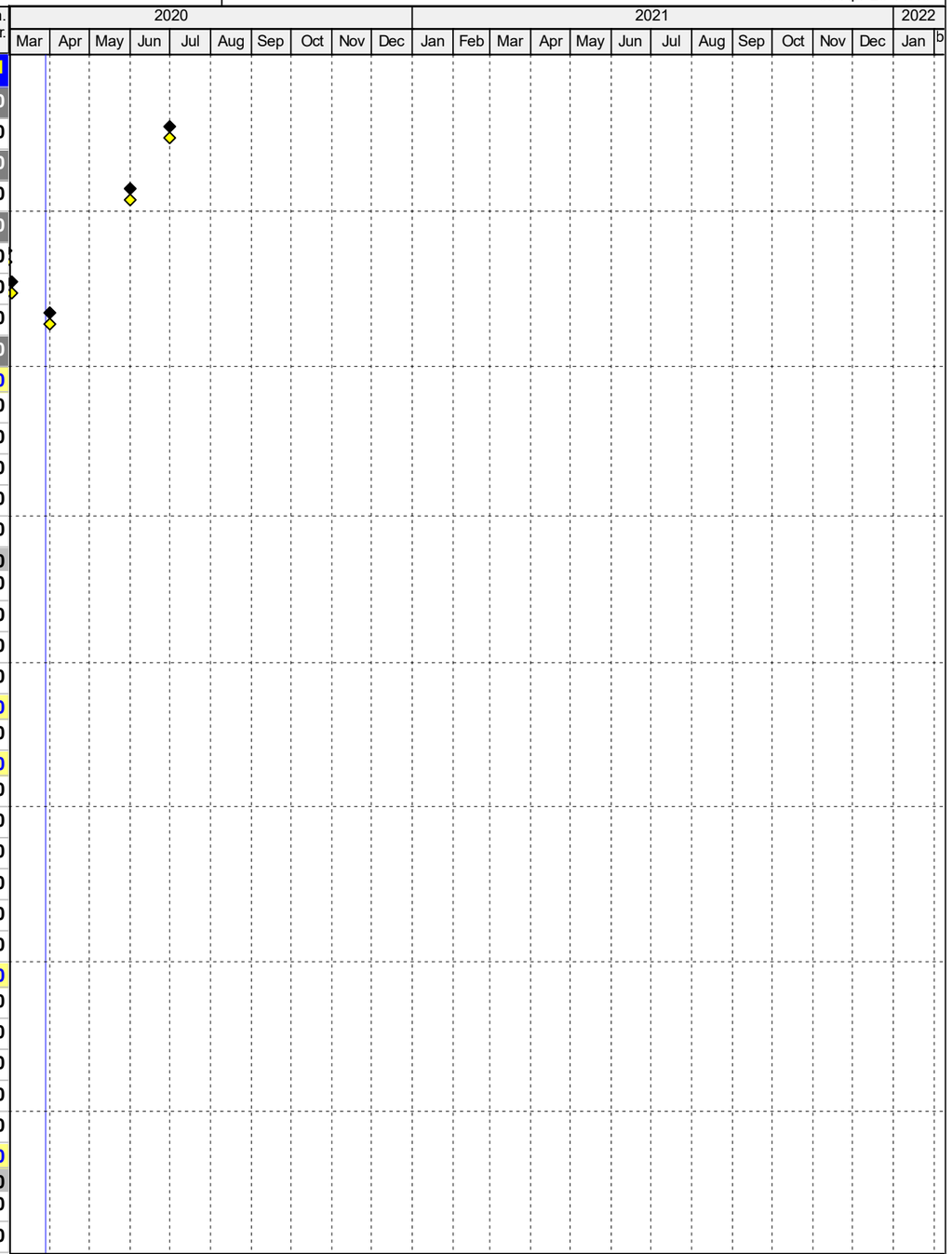
1. all finalized original and amended structural plans and "as-built" drawings for the entire project (later)
2. the most current versions of any plans, manuals, and training documentation required by the COC or applicable LORS

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

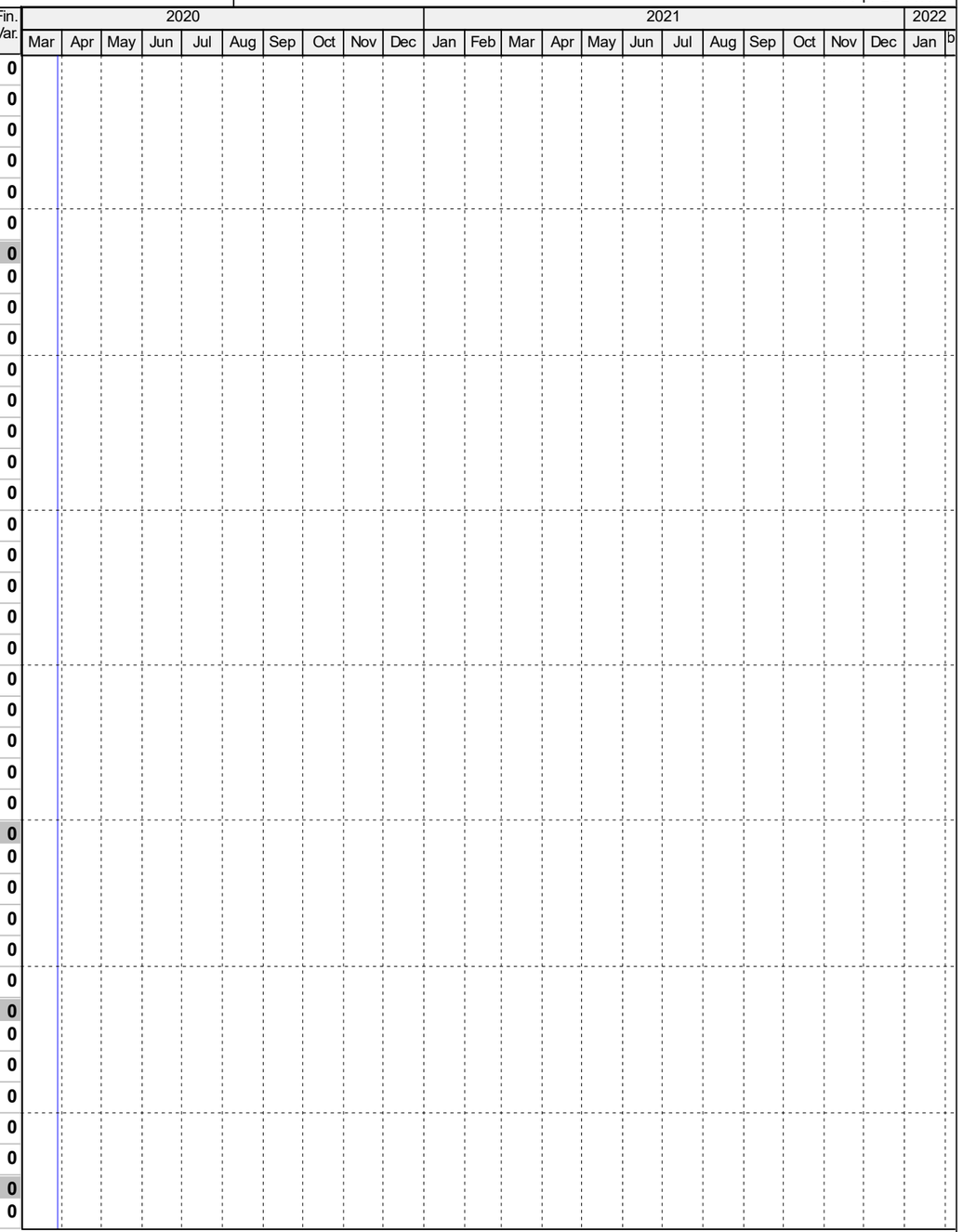
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
SERC Baseline Project Master Schedule (w/ARB Mar Sched) & CEC/SCE		**921**	**53.84%**	**28-Feb-16 A**	**18-Nov-21**	**0**	**-1**
LM6000 RAPA Key Milestone		**0**	**0%**	**01-Jul-20**	**01-Jul-20**	**280**	**0**
2	Expected Initial Delivery Date	0	0%		01-Jul-20*	280	0
Storage RAPA Key Milestone		**0**	**0%**	**01-Jun-20**	**01-Jun-20**	**298**	**0**
4	Expected Initial Delivery Date	0	0%		01-Jun-20*	298	0
GIA Key Milestones		**18**	**100%**	**28-Feb-20 A**	**01-Apr-20**	**331**	**0**
6	In-Service Date (Initial Backfeed - Liquidated Damages From S	0	100%		28-Feb-20 A		0
7	Initial Synchronization Date/Trial Operation (No Later Than)	0	100%		03-Mar-20 A		0
8	Commercial Operation Date (No Later Than)	0	0%		01-Apr-20*	206	0
Pre-construction Activities		**701**	**100%**	**26-Oct-16 A**	**16-Nov-19 A**		**0**
CEC Permitting		**434**	**100%**	**26-Oct-16 A**	**12-Feb-19 A**		**0**
11	Application for Certification	782	100%	26-Oct-16 A	17-Dec-18 A		0
12	Presiding Members Proposed Decision (PMPD) issued	1	100%	08-Oct-18 A	08-Oct-18 A		0
14	Post-Approval 30-day appeal period	30	100%	13-Nov-18 A	13-Dec-18 A		0
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
Pre-Construction Compliance (CEC)		**47**	**100%**	**13-Nov-18 A**	**12-Feb-19 A**		**0**
19	Compliance submittals necessary to get a Full Notice to Proce	83	100%	13-Nov-18 A	12-Feb-19 A		0
17	Compliance submittals necessary to get a Limited Notice to Pr	69	100%	13-Nov-18 A	31-Jan-19 A		0
18	Limited Notice to Proceed (LNTP)	0	100%		31-Jan-19 A		0
20	Full Notice to Proceed (FNTP)	0	100%	12-Feb-19 A			0
SCAQMD Air Permit		**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**
27	Vehicle Bridge Engineering	45	100%	29-Oct-18 A	18-Jan-19 A		0
25	Further Develop Engineering to Signed and Stamped Plan Set	575	100%	31-Oct-18 A	17-Dec-18 A		0
24	"Issued For Bid" Engineering Package for Contractor Pricing re	174	100%	31-Oct-18 A	31-Oct-18 A		0
29	Assemble Engineering into CBO submittal packages	148	100%	11-Dec-18 A	29-Aug-19 A		0
26	Receive Signed and Stamped Plan Set	1	100%	17-Dec-18 A	17-Dec-18 A		0
28	BESS & EGT Integration Engineering	105	100%	02-Jan-19 A	22-Feb-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
35	Orange County Public Works (OCPW) Encroachment Agreeme	4	100%	03-Dec-18 A	01-Feb-19 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
32	SCE Easement Consent	81	100%	31-Dec-18 A	25-Feb-19 A		0
Owner Supplied Equipment (OSE) Procurement Schedule		**356**	**100%**	**08-Feb-18 A**	**16-Nov-19 A**		**0**
LM6000 Packages		**190**	**100%**	**22-Feb-18 A**	**01-Aug-19 A**		**0**
39	Engineering Received from Manufacturer	45	100%	22-Feb-18 A	11-May-18 A		0
38	Effective Date of Turbine Supply Contract	0	100%		22-Feb-18 A		0



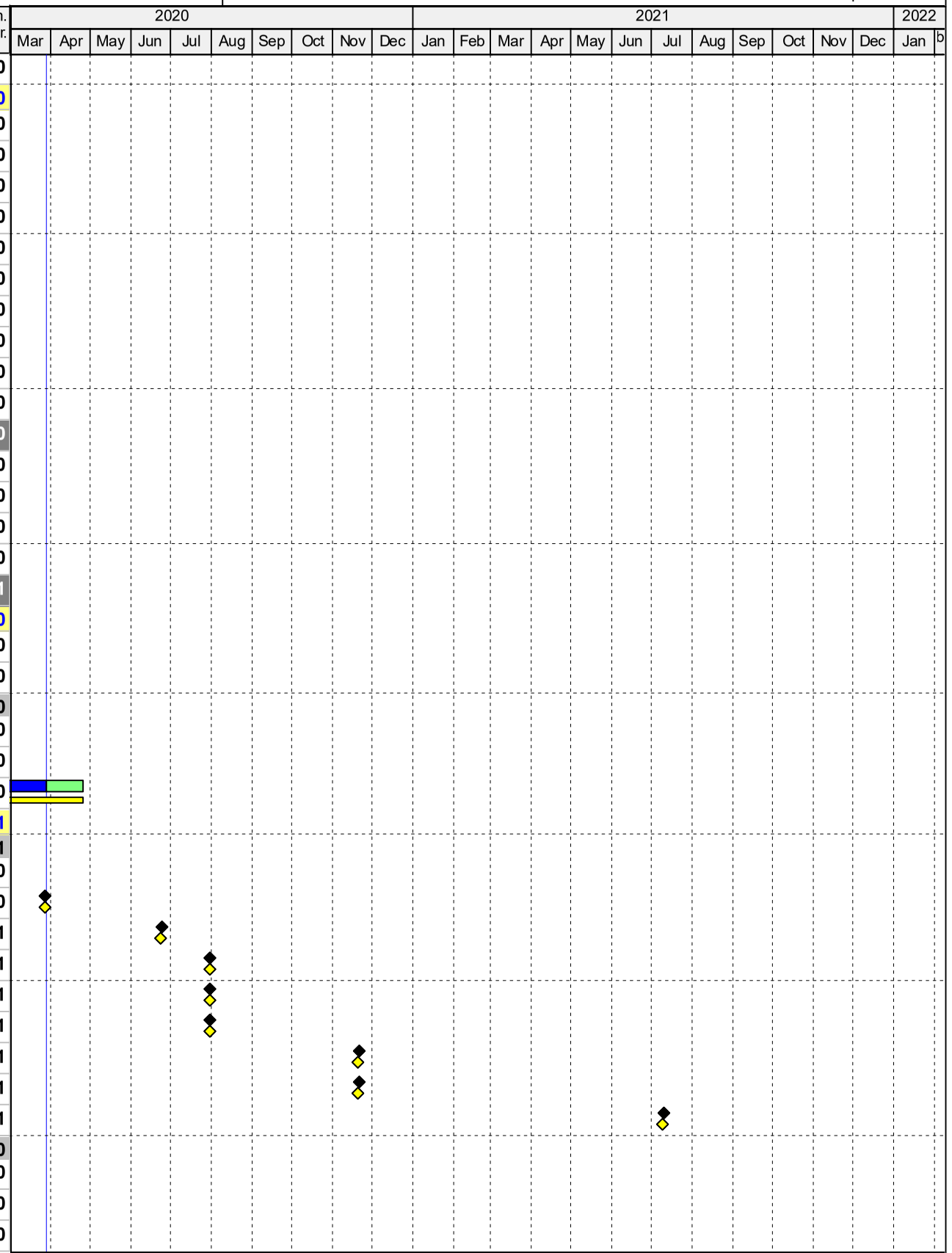
Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

TASK filter: Not Level Of Effort.

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
40	Order of Long Lead Time Items	0	100%	23-May-18 A			0
42	Manufacturer Time (FNTP-Delivery)	169	100%	23-Aug-18 A	21-May-19 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
A1000	Transportation From FCA Delivery Point To Site	40	100%	21-May-19 A	01-Aug-19 A		0
44	Delivery Per FCA (Goods Actually Ready For Shipment)	0	100%		21-May-19 A		0
Emissions Reduction Unit (ERU)		356	100%	08-Feb-18 A	16-Nov-19 A		0
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
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
52	Delivery of maintenance proceedures	0	100%		07-Sep-18 A		0
59	Approval of Engineering	0	100%		13-Sep-18 A		0
A1010	Fabrication Drawings	4	100%	12-Oct-18 A	01-Feb-19 A		0
58	FNTP	0	100%	12-Oct-18 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-19 A	18-Jun-19 A		0
A1030	Transportation Of ERU Materials	4	100%	01-Jul-19 A	16-Nov-19 A		0
50	Delivery/Goods Received (Duct, Stack, Silencer)	59	100%	01-Jul-19 A	25-Oct-19 A		0
49	NOx & CO Modules	0	100%		14-Oct-19 A		0
Generator Step-Up Transformer (GSU)		194	100%	29-Jun-18 A	31-May-19 A		0
65	Engineering Received from Manufacturer	56	100%	29-Jun-18 A	20-Sep-18 A		0
64	LNTP/PO Date	0	100%		29-Jun-18 A		0
67	Manufacturer Time (FNTP-Delivery)	162	100%	20-Sep-18 A	28-Feb-19 A		0
66	FNTP	0	100%	20-Sep-18 A			0
69	Delivery/Goods Received At Site	0	100%		31-May-19 A		0
Vehicle Bridge		47	100%	01-Nov-18 A	22-Mar-19 A		0
71	LNTP/PO Date	0	100%	01-Nov-18 A			0
72	Engineering Received from Manufacturer	32	100%	02-Nov-18 A	07-Jan-19 A		0
73	FNTP	0	100%		07-Jan-19 A		0
74	Manufacturer Time (FNTP-Delivery)	24	100%	08-Jan-19 A	28-Feb-19 A		0
75	Delivery/Goods Received	0	100%		22-Mar-19 A		0
Balance Of Plant OSE		119	100%	01-Jul-18 A	01-Apr-19 A		0
78	Place BOP OSE Purchase Orders	180	100%	01-Jul-18 A	28-Dec-18 A		0



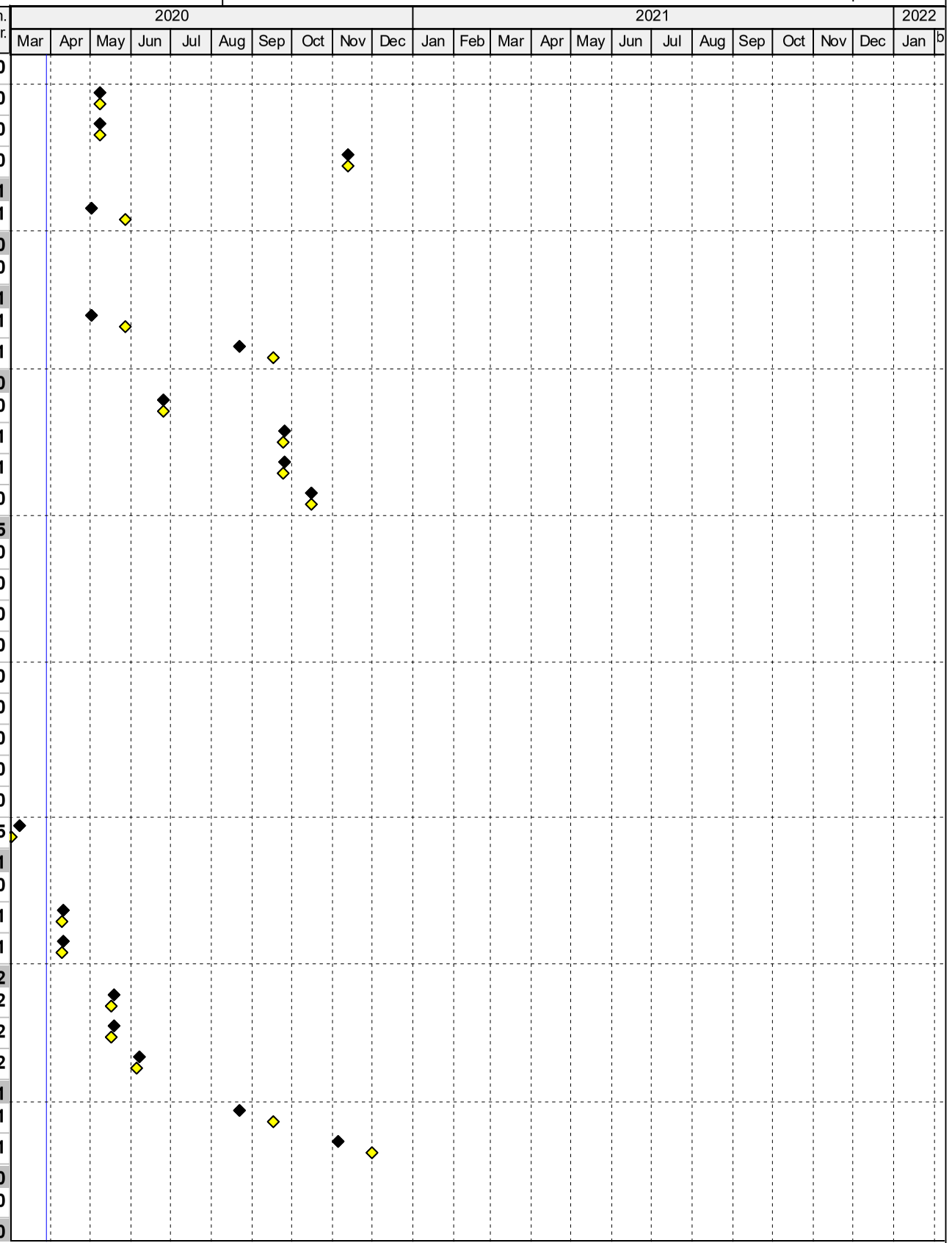
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
79	Available for delivery to the Project Site	0	100%	01-Apr-19 A			0
Construction Contracting		97	100%	03-Sep-18 A	24-Jan-19 A		0
81	Receive Initial Bids from Construction Contractors	0	100%	03-Sep-18 A			0
82	Review Initial Bids	30	100%	04-Sep-18 A	04-Oct-18 A		0
83	Short list two construction contractors and negotiate draft cont	28	100%	04-Oct-18 A	26-Nov-18 A		0
85	Contractor Pricing Refresh	18	100%	26-Nov-18 A	14-Dec-18 A		0
84	Achieve Commercial Lockdown	0	100%		26-Nov-18 A		0
87	Review Final Bids / Select Contractor	2	100%	14-Dec-18 A	20-Dec-18 A		0
86	Final Bids Turned In	0	100%		14-Dec-18 A		0
89	Make executed construction contract available in the SERC du	0	100%		21-Dec-18 A		0
88	Execute Construction Contract	0	100%		21-Dec-18 A		0
90	Provide Notice To Proceed to Contractor	0	100%		24-Jan-19 A		0
Project Finance		176	100%	16-Oct-18 A	24-Jan-19 A		0
92	Provide Mandate to Helaba	0	100%	16-Oct-18 A			0
94	Develop Loan Documentation	4	100%	16-Oct-18 A	17-Jan-19 A		0
93	Perform Dilligence	1	100%	16-Oct-18 A	14-Jan-19 A		0
95	Financial Close	0	100%	24-Jan-19 A			0
CEC Compliance		586	43.15%	19-Dec-18 A	18-Nov-21	0	-1
CBO Activity		217	92.62%	19-Dec-18 A	26-Apr-20	301	0
99	CBO Kick off Meeting	0	100%		19-Dec-18 A		0
98	CBO Contract Execution	0	100%	19-Dec-18 A			0
CBO performance of duties		217	92.62%	26-Dec-18 A	26-Apr-20	301	0
101	Review and approve Pre-construction submittal	1	100%	26-Dec-18 A	27-Dec-18 A		0
103	Perform Plan Check of Submittals	148	100%	27-Dec-18 A	04-Nov-19 A		0
102	Inspector On Site	390	92.82%	04-Feb-19 A	26-Apr-20	543	0
CEC Compliance R1		681	30%	20-Jul-19 A	18-Nov-21	0	-1
Air Quality		474	35.68%	31-Oct-19 A	10-Jul-21	105	-1
AQ-1010	AQ-D1b - Initial Source Test	0	100%	31-Oct-19 A			0
AQ-1015	AQ-D1b - Initial Source Test	0	100%	28-Mar-20 A			0
AQ-1020	AQ-D2 - Operations Source Test	0	0%	24-Jun-20		410	-1
AQ-1170	AQ-K1 - Source Test Results	0	0%	31-Jul-20		380	-1
AQ-1100	AQ-D5 - CEMS for NOx	0	0%	31-Jul-20		380	-1
AQ-1080	AQ-D4 - CEMS for CO	0	0%	31-Jul-20		380	-1
AQ-1160	AQ-H1 - NOx CEMS Performance Evaluation	0	0%	21-Nov-20		290	-1
AQ-1000	AQ-D1a - Initial Source Test	0	0%	21-Nov-20		290	-1
AQ-1050	AQ-D3 - NH3 Source Test	0	0%	10-Jul-21		105	-1
Biological		376	60.06%	31-Jul-19 A	12-Nov-20	297	0
BIO-1030	BIO-8a1 - Pre-Construction Nest Surveys and Impact Avoidanc	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 Avoidanc	0	100%	19-Aug-19 A			0



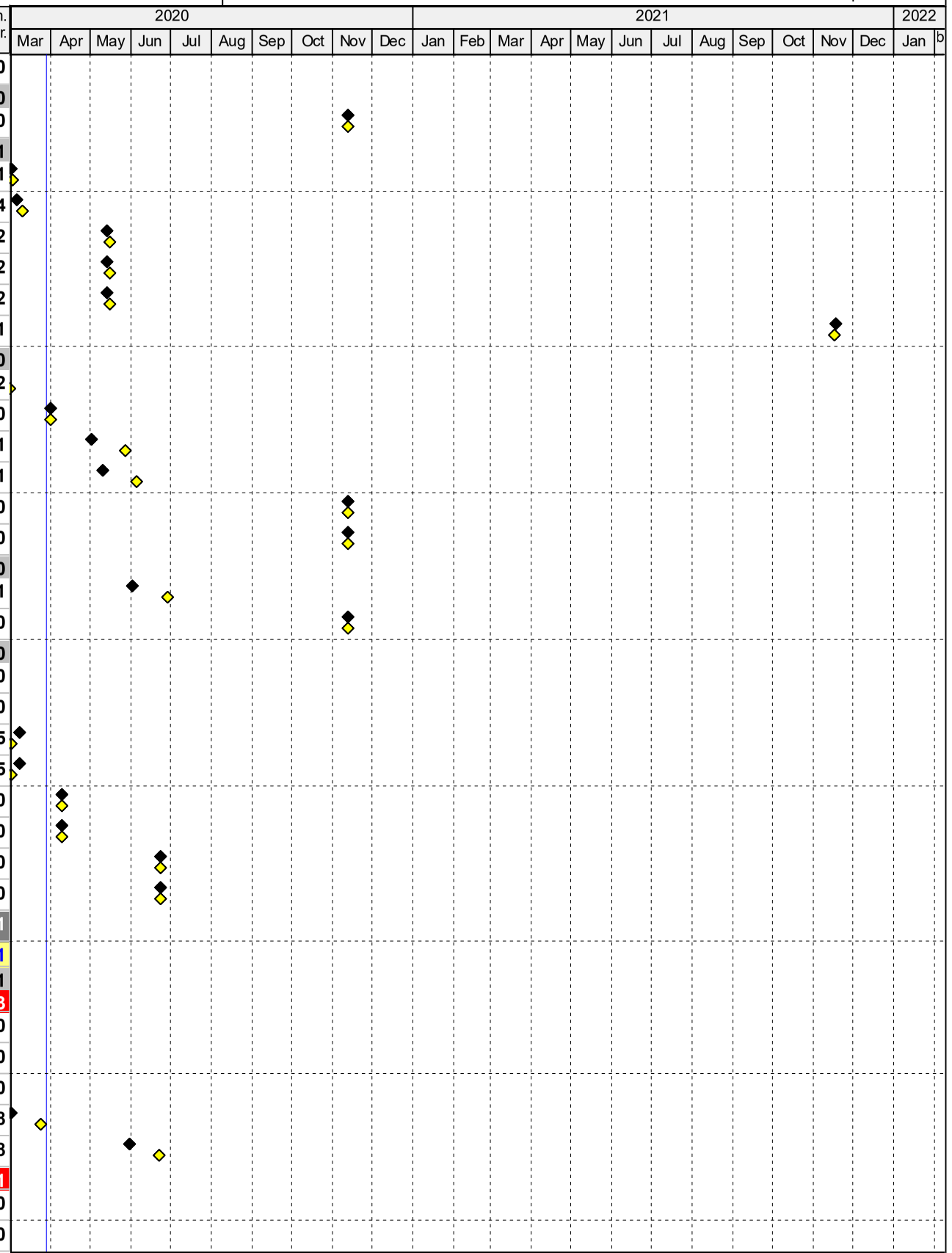
Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

TASK filter: Not Level Of Effort.

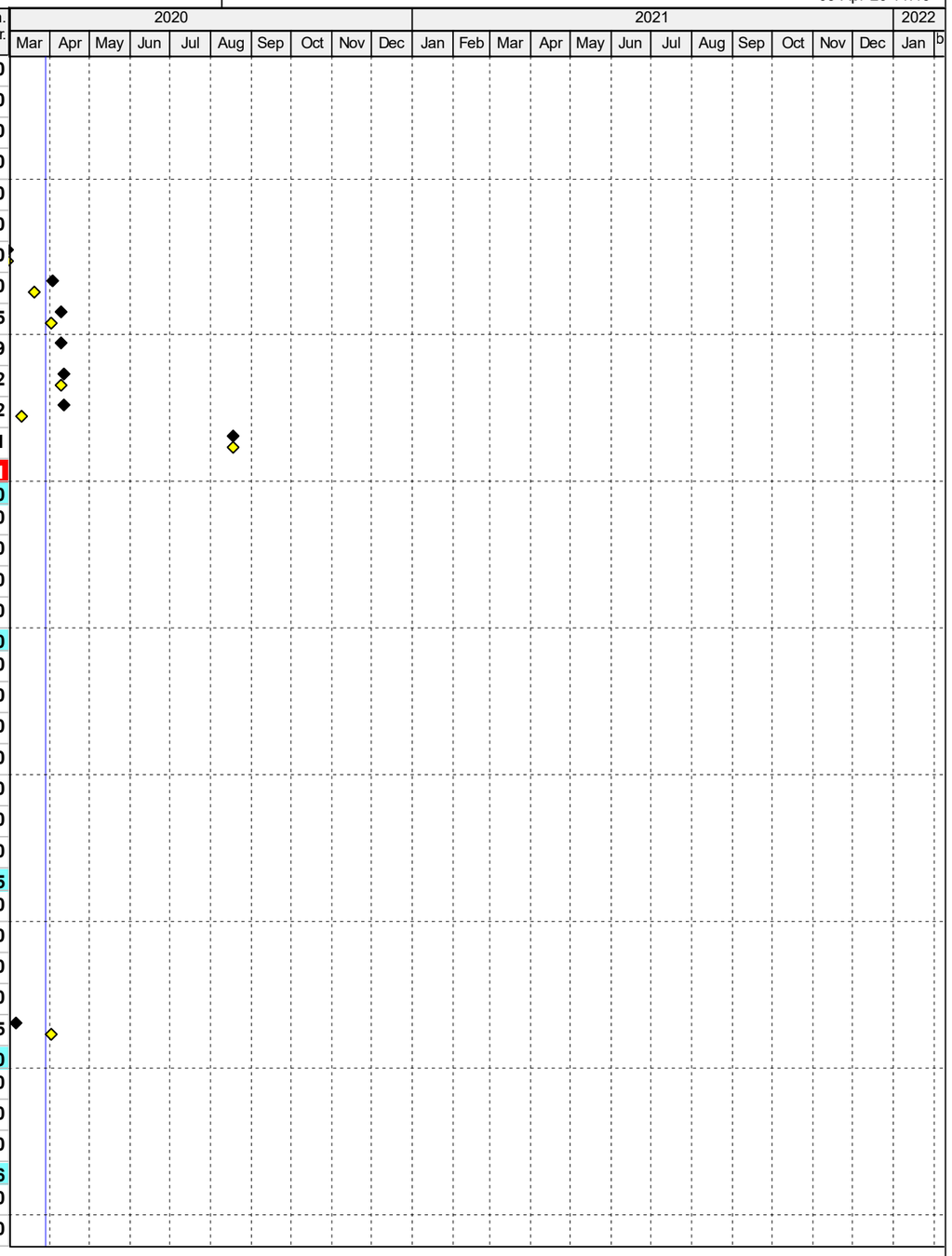
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
BIO-1060	BIO-8c - Implementation of Nest Surveys and Inclusion in BRMI	0	100%	19-Sep-19 A			0
BIO-1020	BIO-7b - General Impact Avoidance and Mitigation Measures	0	0%	08-May-20		447	0
BIO-1010	BIO-6e - BRMIMP Construction Closure Report	0	0%	08-May-20		447	0
BIO-1000	BIO-5c - WEAP Training Acknowledgement Forms on File	0	0%	12-Nov-20		297	0
Civil		0	0%	02-May-20	02-May-20	452	21
CIV-1010	CIVIL-4a - Final Grading Plan Approval	0	0%	02-May-20		452	21
Communication		0	0%	03-Feb-20 A	03-Feb-20 A		0
COM-1020	COM-12b - Emergency Response Site Contingency Plan	0	100%	03-Feb-20 A			0
Cultural		90	0%	02-May-20	22-Aug-20	362	21
CUL-1000	CUL-1j - Discharge the CRS, after receiving approval from the C	0	0%	02-May-20		452	21
CUL-1010	CUL-4b - Final Cultural Resources Report	0	0%	22-Aug-20		362	21
General		90	0%	25-Jun-20	16-Oct-20	319	0
GEN-1030	GEN-8b - Plan and Specification Storage	0	0%	25-Jun-20		409	0
GEN-1010	GEN-1b - Certificate of Occupancy	0	0%	25-Sep-20		335	-1
GEN-1000	GEN-1a - Certificate of Occupancy	0	0%	25-Sep-20		335	-1
GEN-1040	GEN-8c - Plan and Specification Archive Copies	0	0%	16-Oct-20		319	0
Hazardous		202	100%	20-Jul-19 A	09-Mar-20 A		-5
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			0
HAZ-1040	HAZ-4 - Ammonia Storage Tank Design	0	100%	04-Nov-19 A			0
HAZ-1030	HAZ-3 - Aqueous Ammonia Safety Management Plan	0	100%	04-Nov-19 A			0
HAZ-1020	HAZ-2c - Final Risk Management Plan	0	100%	04-Nov-19 A			0
HAZ-1090	HAZ-9 - Fuel Gas Pipe Cleaning	0	100%	09-Mar-20 A			-5
Mechanical		184	100%	24-Aug-19 A	10-Apr-20	470	-1
MECH-1000	MECH-2a - Pressure Vessel Installation	0	100%	24-Aug-19 A			0
MECH-1020	MECH-3b - HVAC Plans	0	0%	10-Apr-20		470	-1
MECH-1010	MECH-3a - HVAC Plans	0	0%	10-Apr-20		470	-1
Noise		15	0%	19-May-20	07-Jun-20	423	-2
NOI-1030	NOISE-5 - Occupational Noise Survey	0	0%		19-May-20	438	-2
NOI-1010	NOISE-4a - Operational Noise Survey	0	0%	19-May-20		423	-2
NOI-1020	NOISE-4b - Noise Survey Summary Report	0	0%	07-Jun-20		423	-2
Paleo		60	0%	22-Aug-20	05-Nov-20	302	21
PAL-1000	PAL-7 - Paleontological Resources Report	0	0%	22-Aug-20		302	21
PAL-1010	PAL-8 - Curation Entity/Curation Fees	0	0%	05-Nov-20		302	21
Structural		0	0%	05-Nov-19 A	05-Nov-19 A		0
STR-1010	STRUC-4a - Tank and HazMat Vessel Design	0	100%	05-Nov-19 A			0
Transmission		0	0%	28-Jan-20 A	28-Jan-20 A		0



Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
TLSN-1010	TLSN-2 - Metallic Objects Grounded	0	100%	28-Jan-20 A			0
Transportation		0	0%	12-Nov-20	12-Nov-20	297	0
TNP-1000	TRANS-4b - Copies of Permits	0	0%	12-Nov-20		297	0
Switchyard		479	7.68%	02-Mar-20 A	18-Nov-21	0	-1
TSE-1060	TSE-4b - Notice to CAISO	0	100%	02-Mar-20 A			1
TSE-1050	TSE-4a - Notice to CAISO	0	100%	06-Mar-20 A			4
TSE-1090	TSE-5d - As-Built Drawings	0	0%	14-May-20		443	2
TSE-1080	TSE-5c - As-Built Drawings	0	0%	14-May-20		443	2
TSE-1070	TSE-5b - As-Built Drawings	0	0%	14-May-20		443	2
TSE-1020	TSE-2b - Final Switchyard Design	0	0%	18-Nov-21		0	-1
Visual		182	1.32%	03-Feb-20 A	12-Nov-20	297	0
VIS-1010	VIS-2a - Screening Landscaping Plan	0	100%	03-Feb-20 A			22
VIS-1000	VIS-1c - Notification that Treatment Completed	0	0%	01-Apr-20		477	0
VIS-1020	VIS-2c - Landscape Installation Timing	0	0%	02-May-20		452	21
VIS-1030	VIS-2d - Landscaping Ready for Inspection	0	0%	10-May-20		445	21
VIS-1100	VIS-4h - Pre-COD Inspection	0	0%	12-Nov-20		297	0
VIS-1080	VIS-4d - Lighting Inspection Ready, Notification	0	0%	12-Nov-20		297	0
Waste		130	0%	02-Jun-20	12-Nov-20	297	0
WASTE-1020	WASTE-1b - SMP Summary	0	0%	02-Jun-20		427	21
WASTE-1050	WASTE-8a - Operation Waste Management Plan	0	0%	12-Nov-20		297	0
Worker Safety		265	77.34%	28-Jul-19 A	23-Jun-20	411	0
WRSF-1040	WORKER SAFETY-7c - Fire Protection System Specifications	0	100%	28-Jul-19 A			0
WRSF-1020	WORKER SAFETY-7a - Fire Protection System Specifications	0	100%	28-Jul-19 A			0
WRSF-1010	WORKER SAFETY-2b - Operations H&S Program	0	100%	09-Mar-20 A			-5
WRSF-1000	WORKER SAFETY-2a - Operations H&S Program	0	100%	09-Mar-20 A			-5
WRSF-1060	WORKER SAFETY-8e.1 - Letter to OCFA	0	0%	09-Apr-20		471	0
WRSF-1050	WORKER SAFETY-8e - Letter to OCFA	0	0%	09-Apr-20		471	0
WRSF-1080	WORKER SAFETY-8f.1 - Final UL Certification of ESS	0	0%	23-Jun-20		411	0
WRSF-1070	WORKER SAFETY-8f - Final UL Certification of ESS	0	0%	23-Jun-20		411	0
LM6000 Construction Schedule		359	77.73%	28-Feb-16 A	18-Aug-20	253	-1
Stanton Energy Reliability Center - 29MAR20		359	77.73%	28-Feb-16 A	18-Aug-20	253	-1
Milestones		358	77.68%	09-Nov-18 A	18-Aug-20	-37	-1
Contract Milestones		314	100%	09-Nov-18 A	30-May-20	8	13
00-Milest-110	Contract Negotiations	34	100%	09-Nov-18 A	21-Dec-18 A		0
00-Milest-120	Effective Date	1	100%	24-Dec-18 A	24-Dec-18 A		0
00-Milest-130	Commencement Date & NTP = 04FEB19	0	100%	04-Feb-19 A			0
00-Milest-190	Scheduled Mechanical Completion Date = 01Mar20	0	100%		01-Mar-20 A		18
00-Milest-200	Final Project Completion Date = 30MAY20	0	0%		30-May-20*	10	18
Project Milestones		326	76.66%	14-Jan-19 A	18-Aug-20	-45	-1
00-Milest-300	Kick-off Meeting	1	100%	14-Jan-19 A	14-Jan-19 A		0
00-Milest-310	Start of Mobilization	0	100%	04-Feb-19 A			0

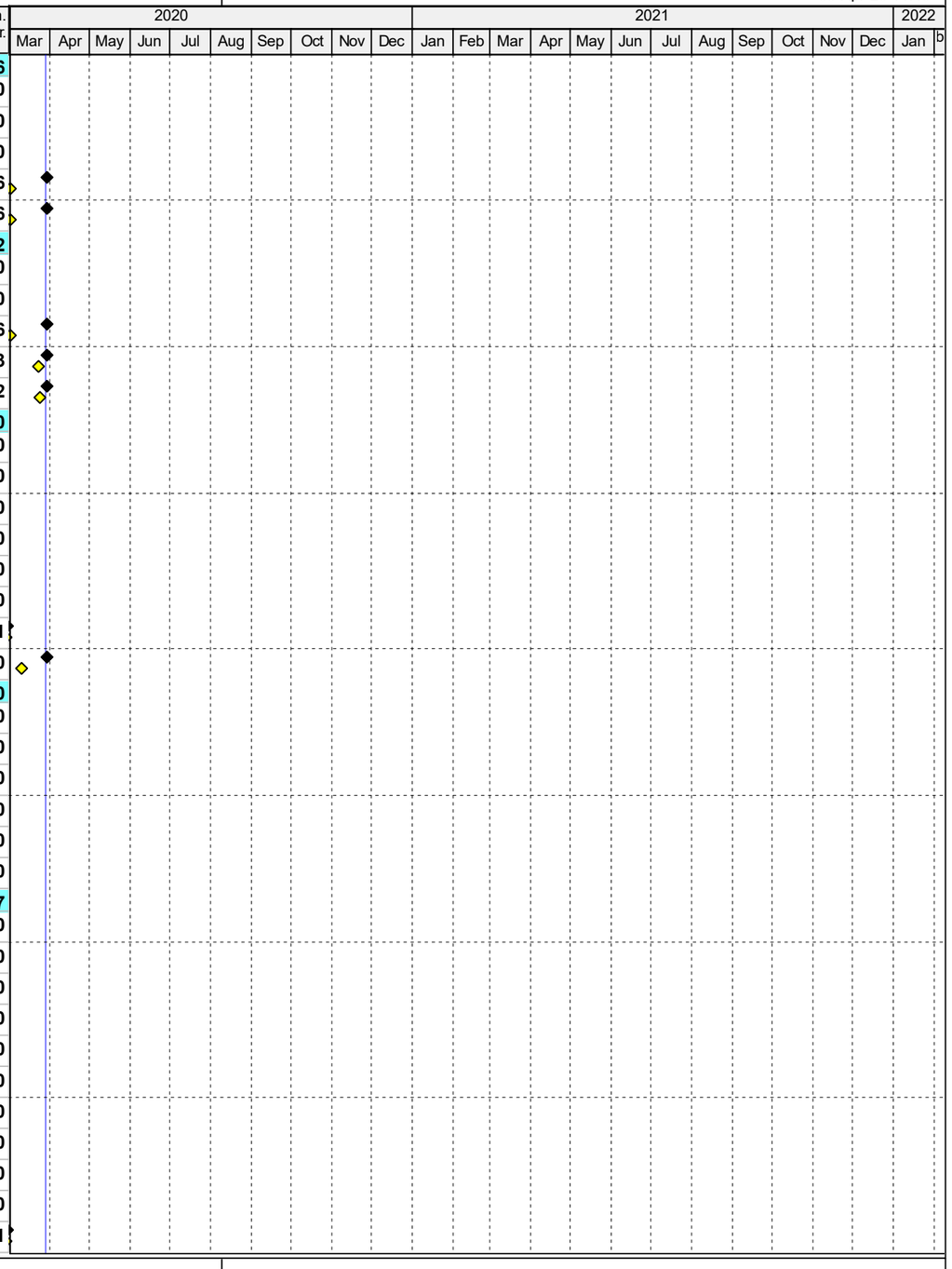


Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Milest-320	Parcel 1 Temp Power Available = 08FEB19	0	100%	08-Feb-19 A			0
00-Milest-240	Begin Site Disturbance = 19FEB19	0	100%	25-Feb-19 A			0
00-Cranes-110	Crane Site Mobilization	1	100%	31-Aug-19 A	31-Aug-19 A		0
00-Cranes-130	Crane Demob	2	100%	20-Nov-19 A	21-Nov-19 A		0
00-Milest-710	Switchyard Substation Construction Completed	0	100%		06-Dec-19 A		0
00-Milest-720	Ready for SCE Start Backfeed	0	100%		06-Dec-19 A		0
00-SwYard-920	Switchyard Substation: SCE Backfeed Completion	0	100%		28-Feb-20 A		0
00-Milest-820	U2 1st Fire Readiness	0	0%		03-Apr-20	-50	-10
00-Milest-810	U1 1st Fire Readiness	0	0%		09-Apr-20	-54	-5
00-Milest-610	U2 Mechanical Completion Milestone	0	0%		09-Apr-20	-53	-49
00-Milest-910	Projected Mechanical Completion Date	0	0%		11-Apr-20*	-63	-2
00-Milest-620	U1 Mechanical Completion Milestone	0	0%		11-Apr-20	-54	-22
00-Milest-920	Projected Final Completion Date	0	0%		18-Aug-20*	-64	-1
Payment Milestones		335	76.13%	24-Dec-18 A	18-Aug-20	-45	-1
Initial Milestones		41	100%	24-Dec-18 A	15-Feb-19 A		0
00-Paymnt-001	At Contract Execution	0	100%		24-Dec-18 A		0
00-Paymnt-003	At Notice to Proceed	0	100%	04-Feb-19 A			0
00-Paymnt-004	Mobilization	0	100%	04-Feb-19 A			0
00-Paymnt-002	Completion of Preliminary Work	0	100%		15-Feb-19 A		0
Site Civil Works - Ductbank Milestones		98	100%	09-May-19 A	28-Oct-19 A		0
00-Paymnt-005	15 kV Ductbank Trenching Complete	0	100%		09-May-19 A		0
00-Paymnt-009	15 kV Ductbank Installed	0	100%		29-May-19 A		0
00-Paymnt-008	Ductbank Materials Procurement Complete	0	100%		26-Jul-19 A		0
00-Paymnt-006	66 kV Ductbank Trenching Complete	0	100%		06-Sep-19 A		0
00-Paymnt-010	66 kV Ductbank Installed	0	100%		12-Sep-19 A		0
00-Paymnt-007	480 Volt Ductbank Trenching Complete	0	100%		16-Sep-19 A		0
00-Paymnt-011	480 Volt Ductbank Installed	0	100%		28-Oct-19 A		0
Site Civil Works - Parcel 1 Milestones		187	100%	06-May-19 A	06-Mar-20 A		15
00-Paymnt-013	Spoils Delivery Complete of Parcel 1	0	100%		06-May-19 A		0
00-Paymnt-012	Mass Excavation of Parcel 1 Complete	0	100%		06-May-19 A		0
00-Paymnt-014	Installation of Geotextile and Associated Aggregate	0	100%		17-May-19 A		0
00-Paymnt-015	Recompaction necessary for Installation of Major Foundations	0	100%		08-Jul-19 A		0
00-Paymnt-016	Recompaction back to Rough Grade after Foundation Install	0	100%		06-Mar-20 A		15
Site Civil Works - Water Farm Milestones		90	100%	28-Feb-19 A	08-Jul-19 A		0
00-Paymnt-017	Mass Excavation for Water Farm Area (including Demin Tank)	0	100%		28-Feb-19 A		0
00-Paymnt-018	Installation of Geotextile and Associated Aggregate Complete	0	100%		28-Feb-19 A		0
00-Paymnt-019	Recompaction necessary for Installation of Foundations	0	100%		08-Jul-19 A		0
Site Civil Works - Warehouse Milestones		138	100%	22-Jul-19 A	30-Mar-20	35	-16
00-Paymnt-022	Recompaction necessary for Installation of Warehouse Founda	0	100%		22-Jul-19 A		0
00-Paymnt-020	Mass Excavation for Warehouse Area - Scope Eliminated by Ov	0	100%		22-Jul-19 A		0



Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Paymnt-021	Installation of Geotextile and Associated Aggregate Complete	0	0%		30-Mar-20	35	-16
Bridge Milestones		28	100%	26-Jul-19 A	13-Sep-19 A		0
00-Paymnt-023	Vehicle Bridge Installation Complete and Approved for Use	0	100%		26-Jul-19 A		0
00-Paymnt-024	Utility Bridge Installation Complete with CBO Approval	0	100%		13-Sep-19 A		0
Structural - Major Foundation Milestones		58	100%	06-May-19 A	16-Sep-19 A		0
00-Paymnt-028	Ammonia Sump Pit	0	100%		06-May-19 A		0
00-Paymnt-027	Ammonia Tank Foundation and Sump	0	100%		07-Jun-19 A		0
00-Paymnt-034	CTG2 Foundation Poured	0	100%		25-Jun-19 A		0
00-Paymnt-030	CTG2 Foundation Formed	0	100%		08-Jul-19 A		0
00-Paymnt-032	ERU2 Centerline Foundations Formed (including Stack)	0	100%		08-Jul-19 A		0
00-Paymnt-025	Receipt of all Shop Fab Rebar at Site	0	100%		26-Jul-19 A		0
00-Paymnt-029	CTG1 Foundation Formed	0	100%		26-Jul-19 A		0
00-Paymnt-031	ERU1 Centerline Foundations Formed (including Stack)	0	100%		26-Jul-19 A		0
00-Paymnt-033	CTG1 Foundation Poured	0	100%		26-Jul-19 A		0
00-Paymnt-036	ERU2 Centerline Foundations Poured (including Stack)	0	100%		26-Jul-19 A		0
00-Paymnt-026	GSU Foundation Poured	0	100%		16-Sep-19 A		0
00-Paymnt-035	ERU1 Centerline Foundations Poured (including Stack)	0	100%		16-Sep-19 A		0
Structural - Minor Foundation Milestones		134	100%	06-May-19 A	08-Jan-20 A		0
00-Paymnt-038	Demin Water Tank	0	100%		06-May-19 A		0
00-Paymnt-039	RO Skid	0	100%		20-Jun-19 A		0
00-Paymnt-040	Demin Water Skid	0	100%		28-Jun-19 A		0
00-Paymnt-043	480 Volt MCC - Water Treatment	0	100%		02-Jul-19 A		0
00-Paymnt-046	Utility Bridge Abutments	0	100%		17-Jul-19 A		0
00-Paymnt-049	Utility Rack Supports	0	100%		17-Jul-19 A		0
00-Paymnt-045	Spread Footings for Roofless Enclosure U2	0	100%		26-Jul-19 A		0
00-Paymnt-048	PDM Columns	0	100%		05-Sep-19 A		0
00-Paymnt-041	Fogging Water Skid U1	0	100%		16-Sep-19 A		0
00-Paymnt-042	Fogging Water Skid U2	0	100%		16-Sep-19 A		0
00-Paymnt-044	Spread Footings for Roofless Enclosure U1	0	100%		16-Sep-19 A		0
00-Paymnt-047	Power Distribution Module (PDM) Building Spread Footings	0	100%		16-Sep-19 A		0
00-Paymnt-050	Switchyard Support	0	100%		25-Sep-19 A		0
00-Paymnt-051	Switchyard Substation Module Foundation	0	100%		25-Sep-19 A		0
00-Paymnt-052	Fuel Gas Compressor Area Foundations	0	100%		26-Sep-19 A		0
00-Paymnt-057	BESS Switchgear Foundation	0	100%		04-Oct-19 A		0
00-Paymnt-055	CTG2 Miscellaneous Foundations	0	100%		16-Oct-19 A		0
00-Paymnt-053	CTG1 Miscellaneous Foundations	0	100%		22-Nov-19 A		0
00-Paymnt-037	Receipt of Shop Fab Rebar at Site	0	100%		23-Nov-19 A		0
00-Paymnt-056	ERU2 Miscellaneous Foundations	0	100%		03-Jan-20 A		0
00-Paymnt-054	ERU1 Miscellaneous Foundations	0	100%		08-Jan-20 A		0

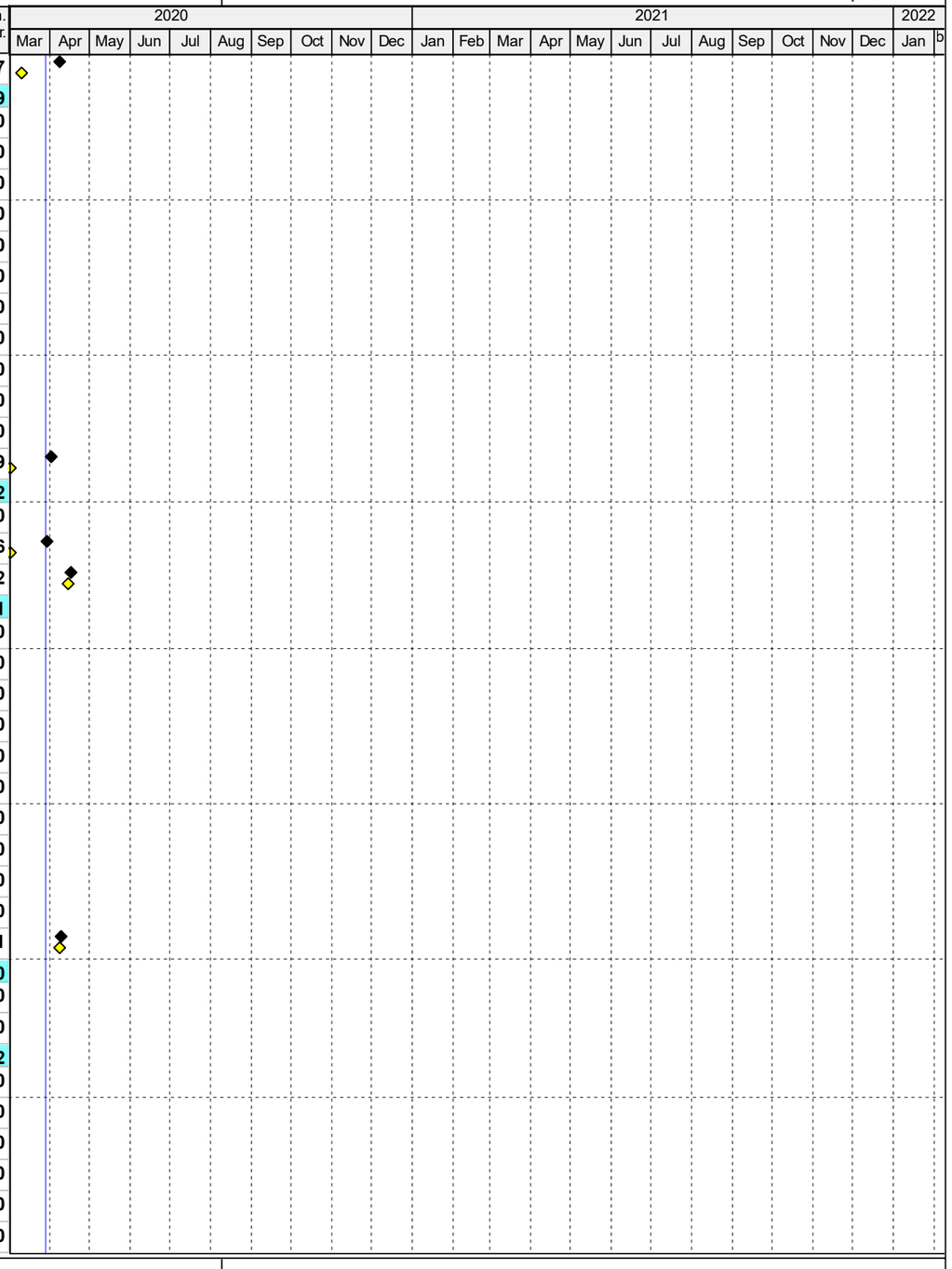
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
UG Storm Water System Milestones		198	100%	27-Mar-19 A	30-Mar-20	35	-16
00-Paymnt-058	Procure Storm Drain Pipe	0	100%		27-Mar-19 A		0
00-Paymnt-060	Install Storm Drain Pipe North	0	100%		31-Jan-20 A		0
00-Paymnt-059	Install Storm Drain Pipe South	0	100%		22-Feb-20 A		0
00-Paymnt-061	Install all other Storm Drain Segments	0	0%		30-Mar-20	35	-16
00-Paymnt-062	HydroTest Stormwater Systems	0	0%		30-Mar-20	35	-16
UG Piping Installation Milestones		186	100%	26-Apr-19 A	30-Mar-20	35	-2
00-Paymnt-063	Procure Underground Pipe	0	100%		26-Apr-19 A		0
00-Paymnt-065	Install Demin Water pipe	0	100%		17-Jun-19 A		0
00-Paymnt-064	Install Natural Gas pipe	0	0%		30-Mar-20	35	-16
00-Paymnt-066	Install Fire Main	0	0%		30-Mar-20	35	-3
00-Paymnt-067	HydroTest Underground Piping Systems	0	0%		30-Mar-20	35	-2
UG Ground Grid Milestones		150	100%	26-Jun-19 A	30-Mar-20	35	-10
00-Paymnt-069	Installation of Ground Grid - Switchyard Substation Area	0	100%		26-Jun-19 A		0
00-Paymnt-068	Procure Ground Grid	0	100%		26-Jul-19 A		0
00-Paymnt-071	Installation of Ground Grid - Power Island 2	0	100%		26-Jul-19 A		0
00-Paymnt-072	Installation of Ground Grid - Water Farm Area	0	100%		26-Jul-19 A		0
00-Paymnt-070	Installation of Ground Grid - Power Island 1	0	100%		06-Sep-19 A		0
00-Paymnt-073	Installation of Ground Grid - BESS 15 kV Switchgear Area (BES	0	100%		04-Oct-19 A		0
00-Paymnt-075	Installation of Ground Grid - Remainder	0	100%		28-Feb-20 A		-1
00-Paymnt-074	Installation of Ground Grid - Perimeter	0	0%		30-Mar-20	35	-10
Unit Substation Milestones		59	100%	30-Aug-19 A	06-Dec-19 A		0
00-Paymnt-080	Switchyard, Substation: Protection Module	0	100%		30-Aug-19 A		0
00-Paymnt-076	Set GSU	0	100%		04-Sep-19 A		0
00-Paymnt-077	GSU Dress Out Complete	0	100%		11-Sep-19 A		0
00-Paymnt-078	GSU Auxiliary Connections Complete	0	100%		30-Oct-19 A		0
00-Paymnt-079	All other 66 kV Apparatus Installed and Conductors Connected	0	100%		22-Nov-19 A		0
00-Paymnt-081	High Voltage Protective Relay Testing Complete	0	100%		06-Dec-19 A		0
CTG1 Components Setting and Installation Milestones		106	100%	19-Sep-19 A	08-Apr-20	29	-17
00-Paymnt-083	CTG1 - Install Base Plates	0	100%		19-Sep-19 A		0
00-Paymnt-084	CTG1 - Level CTG Frame	0	100%		27-Sep-19 A		0
00-Paymnt-082	CTG1 - Shake Out CTG Parts	0	100%		28-Sep-19 A		0
00-Paymnt-088	CTG1 - Install VBV Ducting	0	100%		14-Oct-19 A		0
00-Paymnt-086	CTG1 - Install Air Intake Trans Ducting	0	100%		18-Oct-19 A		0
00-Paymnt-089	CTG1 - Install Air Filter Housing	0	100%		18-Oct-19 A		0
00-Paymnt-087	CTG1 - Install Generator Vent Ducting	0	100%		29-Oct-19 A		0
00-Paymnt-090	CTG1 - Air Housing Internals	0	100%		28-Jan-20 A		0
00-Paymnt-092	CTG1 - Final Wipe Down Air Inlet	0	100%		15-Feb-20 A		0
00-Paymnt-091	CTG1 - Final Check and Grout	0	100%		22-Feb-20 A		0
00-Paymnt-085	CTG1 - Internal Final Alignment Checks	0	100%		28-Feb-20 A		-1



Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

TASK filter: Not Level Of Effort.

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Paymnt-093	CTG1 - GE Signoff	0	0%		08-Apr-20	29	-17
CTG2 Components Setting and Installation Milestones		103	100%	27-Sep-19 A	02-Apr-20	32	-19
00-Paymnt-094	CTG2 - Shake Out CTG Parts	0	100%		27-Sep-19 A		0
00-Paymnt-095	CTG2 - Install Base Plates	0	100%		27-Sep-19 A		0
00-Paymnt-096	CTG2 - Level CTG Frame	0	100%		27-Sep-19 A		0
00-Paymnt-098	CTG2 - Install Air Intake Trans Ducting	0	100%		22-Nov-19 A		0
00-Paymnt-101	CTG2 - Install Air Filter Housing	0	100%		22-Nov-19 A		0
00-Paymnt-100	CTG2 - Install VBV Ducting	0	100%		12-Dec-19 A		0
00-Paymnt-097	CTG2 - Internal Final Alignment Checks	0	100%		13-Dec-19 A		0
00-Paymnt-103	CTG2 - Final Check and Grout	0	100%		17-Jan-20 A		0
00-Paymnt-102	CTG2 - Air Housing Internals	0	100%		30-Jan-20 A		0
00-Paymnt-104	CTG2 - Final Wipe Down Air Inlet	0	100%		01-Feb-20 A		0
00-Paymnt-099	CTG2 - Install Generator Vent Ducting	0	100%		22-Feb-20 A		0
00-Paymnt-105	CTG2 - GE Signoff	0	0%		02-Apr-20	32	-19
ERU1 Components Setting and Installation Milestones		66	32.93%	26-Nov-19 A	16-Apr-20	24	-2
00-Paymnt-106	ERU1 - Complete Field Bolt Up and all Sections Set	0	100%		26-Nov-19 A		0
00-Paymnt-107	ERU1 - Insulation and Liner Plates	0	0%		30-Mar-20	35	-16
00-Paymnt-108	ERU1 - Field Load Catalyst	0	0%		16-Apr-20	24	-2
ERU2 Components Setting and Installation Milestones		115	100%	06-Sep-19 A	09-Apr-20	28	-1
00-Paymnt-112	Set Fuel Gas Compressor Equipment	0	100%		06-Sep-19 A		0
00-Paymnt-113	Set Demin Area Equipment	0	100%		13-Sep-19 A		0
00-Paymnt-118	Set Ammonia Forwarding Skid	0	100%		16-Sep-19 A		0
00-Paymnt-119	Ammonia Tank	0	100%		16-Sep-19 A		0
00-Paymnt-114	Set PDM and Control Modules	0	100%		02-Oct-19 A		0
00-Paymnt-109	ERU2 - Complete Field Bolt Up and all Sections Set	0	100%		21-Nov-19 A		0
00-Paymnt-116	Set ERU Aux Skid - Ammonia Vaporization Skids	0	100%		17-Dec-19 A		0
00-Paymnt-115	Set CTG Aux Skids	0	100%		20-Dec-19 A		0
00-Paymnt-110	ERU2 - Insulation and Liner Plates	0	100%		03-Jan-20 A		0
00-Paymnt-117	Set CEMS Buildings	0	100%		13-Jan-20 A		0
00-Paymnt-111	ERU2 - Field Load Catalyst	0	0%		09-Apr-20	28	-1
Demin Water Tank Milestones		34	100%	23-Sep-19 A	02-Dec-19 A		0
00-Paymnt-120	Demin Water Tank Materials Delivered at Site	0	100%		23-Sep-19 A		0
00-Paymnt-121	Demin Water Tank Installation Complete	0	100%		02-Dec-19 A		0
AG Piping Installation Milestones		90	100%	30-Aug-19 A	30-Mar-20	35	-12
00-Paymnt-122	Procurement of AG Pipe Materials and Receipt of 100% Verifiec	0	100%		30-Aug-19 A		0
00-Paymnt-126	Rack and Utility Bridge Piping (Demin Water)	0	100%		16-Sep-19 A		0
00-Paymnt-123	Lube Oil Piping CTG1 and CTG2	0	100%		10-Dec-19 A		0
00-Paymnt-124	Demin Water @ CTG1 and CTG2	0	100%		10-Dec-19 A		0
00-Paymnt-125	Demin Water @ Tank Area	0	100%		10-Dec-19 A		0
00-Paymnt-128	Ammonia System Piping	0	100%		20-Dec-19 A		0

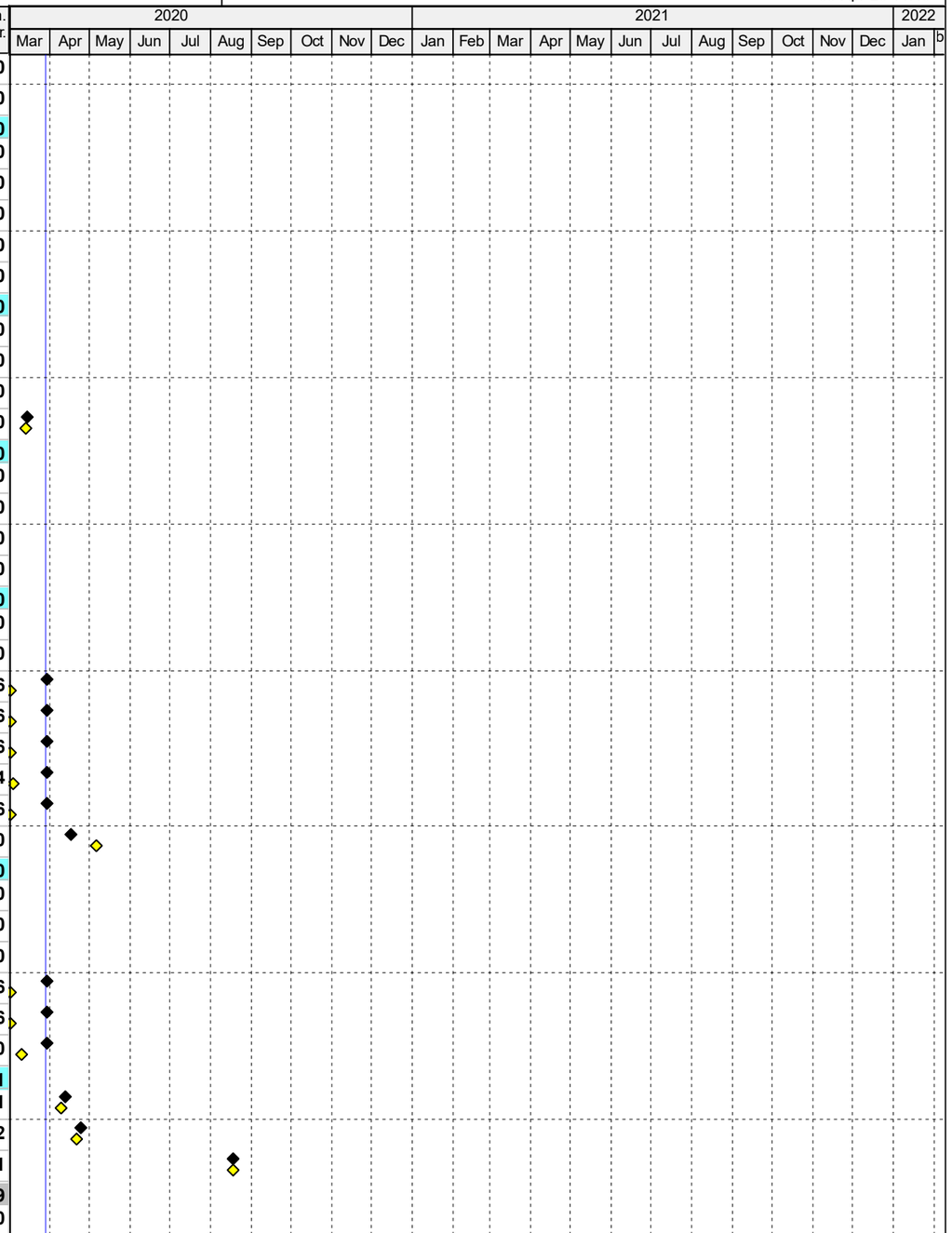


Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

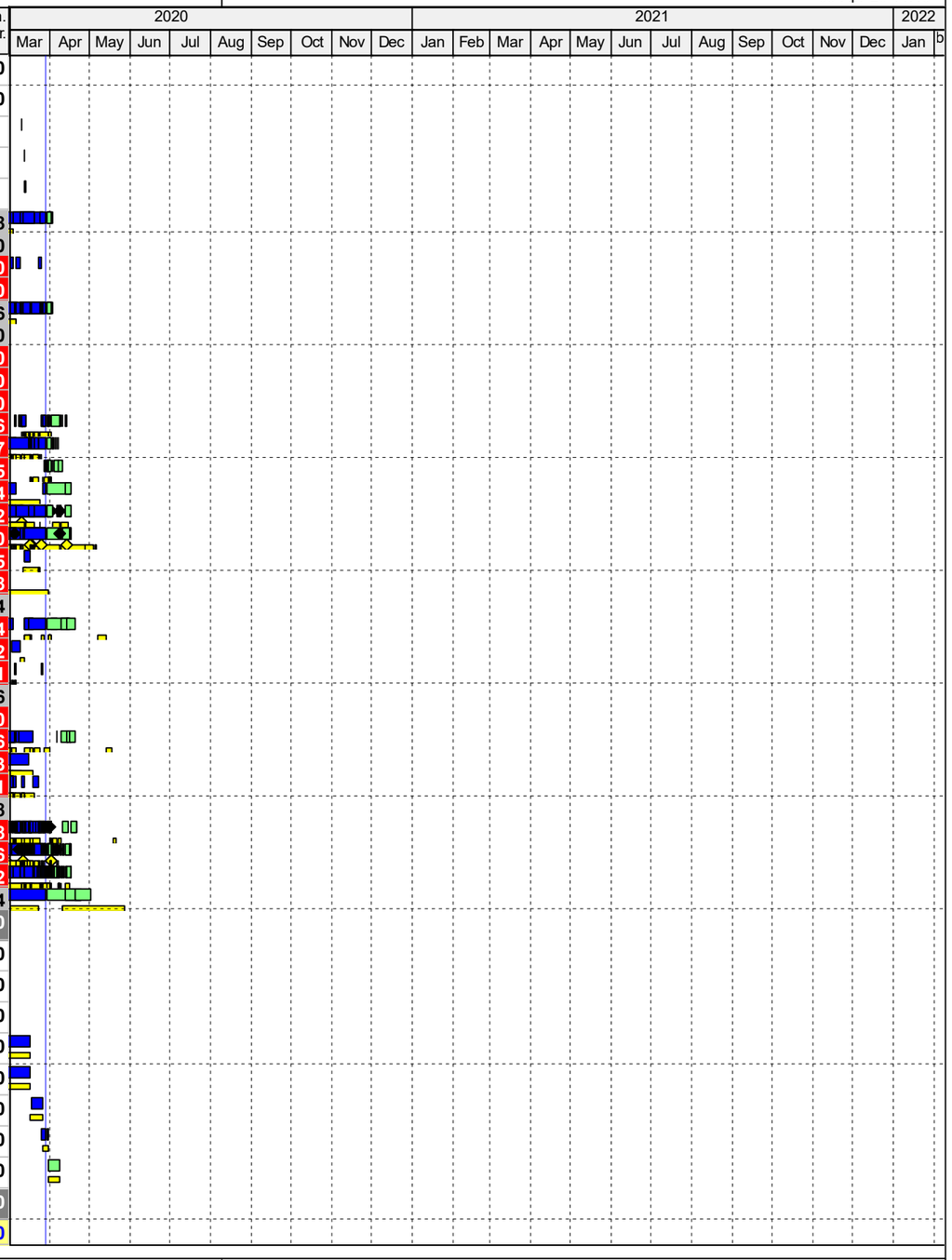
TASK filter: Not Level Of Effort.

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Paymnt-127	CTG Package Drain System	0	100%		29-Feb-20 A		0
00-Paymnt-129	Natural Gas System Piping	0	0%		30-Mar-20	35	-12
Electrical Procurement Milestones		76	100%	16-Sep-19 A	22-Jan-20 A		0
00-Paymnt-130	Cable Tray Procurement (Received on Site 100%)	0	100%		16-Sep-19 A		0
00-Paymnt-134	Fabricated Structural Steel Procurement (Received on Site 100	0	100%		16-Sep-19 A		0
00-Paymnt-132	13.8 kV Cable Procurement (Received on Site 100%)	0	100%		08-Dec-19 A		0
00-Paymnt-131	AG Conduit Procurement (Received on Site 100%)	0	100%		03-Jan-20 A		0
00-Paymnt-133	480 V Cable Procurement (Received on Site 100%)	0	100%		22-Jan-20 A		0
U1 Medium Voltage Milestones		34	100%	05-Dec-19 A	10-Feb-20 A		0
00-Paymnt-135	U1 MV - Set 15 kV Switchgear 1	0	100%		05-Dec-19 A		0
00-Paymnt-139	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal	0	100%		19-Dec-19 A		0
00-Paymnt-140	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Termi	0	100%		28-Dec-19 A		0
00-Paymnt-145	U1 MV - Cable Tray Installed	0	100%		06-Jan-20 A		0
00-Paymnt-146	U1 MV - AG Conduit Installed	0	100%		06-Jan-20 A		0
00-Paymnt-138	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin	0	100%		13-Jan-20 A		0
00-Paymnt-141	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux Xf	0	100%		13-Jan-20 A		0
00-Paymnt-143	U1 MV - 15 kV Switchgear Protective Relay Testing Complete	0	100%		15-Jan-20 A		0
00-Paymnt-142	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux Xf	0	100%		16-Jan-20 A		0
00-Paymnt-144	U1 MV - 480 V Xfmr 1 Protective Relay Testing Complete	0	100%		21-Jan-20 A		0
00-Paymnt-136	U1 MV - Set 480 V Aux Xfmr 1	0	100%		01-Feb-20 A		0
00-Paymnt-137	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Installe	0	100%		10-Feb-20 A		0
U2 Medium Voltage Milestones		64	100%	07-Oct-19 A	15-Feb-20 A		0
00-Paymnt-157	U2 MV - Cable Tray Installed	0	100%		07-Oct-19 A		0
00-Paymnt-147	U2 MV - Set 15 kV Switchgear 2	0	100%		29-Oct-19 A		0
00-Paymnt-149	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GSU, Installe	0	100%		19-Dec-19 A		0
00-Paymnt-151	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CTG2, Instal	0	100%		19-Dec-19 A		0
00-Paymnt-152	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CTG2, Termi	0	100%		19-Dec-19 A		0
00-Paymnt-155	U2 MV - 15 kV Switchgear Protective Relay Testing Complete	0	100%		28-Dec-19 A		0
00-Paymnt-158	U2 MV - AG Conduit Installed	0	100%		31-Dec-19 A		0
00-Paymnt-150	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GSU, Termin	0	100%		07-Jan-20 A		0
00-Paymnt-153	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 480 V Aux Xf	0	100%		08-Jan-20 A		0
00-Paymnt-154	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 480 V Aux Xf	0	100%		13-Jan-20 A		0
00-Paymnt-148	U2 MV - Set 480 V Aux Xfmr 2	0	100%		01-Feb-20 A		0
00-Paymnt-156	U2 MV - 480 V Xfmr 2 Protective Relay Testing Complete	0	100%		15-Feb-20 A		0
BESS Medium Voltage Milestones		0	0%	04-Oct-19 A	04-Oct-19 A		0
00-Paymnt-159	BESS MV - Set 15 BESS 15 kV Switchgears (BESS SOW DeSc	0	100%		04-Oct-19 A		0
00-Paymnt-160	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 1 to GS	0	100%		04-Oct-19 A		0
00-Paymnt-161	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 1 to GS	0	100%		04-Oct-19 A		0
00-Paymnt-162	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 2 to GS	0	100%		04-Oct-19 A		0

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Paymnt-163	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 2 to GS	0	100%		04-Oct-19 A		0
00-Paymnt-164	BESS MV - 15 kV Switchgear Protective Relay Testing Complet	0	100%		04-Oct-19 A		0
4160 V System Milestones		53	100%	02-Oct-19 A	29-Jan-20 A		0
00-Paymnt-165	4160 V System - Set 13.8 kV-4160V Xfmr	0	100%		02-Oct-19 A		0
00-Paymnt-166	4160 V System - Set 5 kV Switchgear	0	100%		29-Oct-19 A		0
00-Paymnt-167	4160 V System - 13.8 kV Cable from 15 kV Switchgear 2 to 416	0	100%		29-Jan-20 A		0
00-Paymnt-168	4160 V System - 13.8 kV Cable from 15 kV Switchgear 1 to 416	0	100%		29-Jan-20 A		0
00-Paymnt-169	4160 V System - 4160 V Area Electrical Installation Complete	0	100%		29-Jan-20 A		0
U1 480 Volt System Milestones		25	100%	16-Jan-20 A	14-Mar-20 A		0
00-Paymnt-170	U1 480 V System - 480 Volt Feeder Cables from Aux Xfmr 1 to P	0	100%		16-Jan-20 A		0
00-Paymnt-172	U1 480 V System - Pull 480 Volt Cables to all 480 Volt Loads Co	0	100%		31-Jan-20 A		0
00-Paymnt-171	U1 480 V System - 480 Volt Feeder Cables from PDM 1 to the W	0	100%		01-Feb-20 A		0
00-Paymnt-173	U1 480 V System - Termination of 480 Volt Cables to all 480 Volt	0	100%		14-Mar-20 A		0
U2 480 Volt System Milestones		42	100%	28-Dec-19 A	30-Jan-20 A		0
00-Paymnt-175	U2 480 V System - 480 Volt Feeder Cables from PDM 2 to the W	0	100%		28-Dec-19 A		0
00-Paymnt-177	U2 480 V System - Termination of 480 Volt Cables to all 480 Volt	0	100%		09-Jan-20 A		0
00-Paymnt-174	U2 480 V System - 480 Volt Feeder Cables from Aux Xfmr 2 to P	0	100%		13-Jan-20 A		0
00-Paymnt-176	U2 480 V System - Pull 480 Volt Cables to all 480 Volt Loads Co	0	100%		30-Jan-20 A		0
Start-Up and Commissioning Milestones		28	57.14%	15-Feb-20 A	17-Apr-20	23	10
00-Paymnt-182	SU&C - Lube Oil Flush U2	0	100%		15-Feb-20 A		0
00-Paymnt-181	SU&C - Lube Oil Flush U1	0	100%		22-Feb-20 A		0
00-Paymnt-179	SU&C - Electrical Testing U1	0	0%		30-Mar-20	35	-16
00-Paymnt-180	SU&C - Electrical Testing U2	0	0%		30-Mar-20	35	-16
00-Paymnt-183	SU&C - Natural Gas Piping - Air Blows Common	0	0%		30-Mar-20	35	-16
00-Paymnt-184	SU&C - Natural Gas Piping - Air Blows U1	0	0%		30-Mar-20	35	-14
00-Paymnt-185	SU&C - Natural Gas Piping - Air Blows U2	0	0%		30-Mar-20	35	-16
00-Paymnt-178	SU&C - Electrical Testing Plant Common	0	0%		17-Apr-20	23	10
Misc Milestones		135	100%	22-Jul-19 A	30-Mar-20	35	-10
00-Paymnt-191	Install Warehouse Building - Scope Eliminated by Owner	0	100%		22-Jul-19 A		0
00-Paymnt-187	Issue Purchase Orders for All Buildings	0	100%		26-Jul-19 A		0
00-Paymnt-188	Receipt of Building Material On Site	0	100%		06-Dec-19 A		0
00-Paymnt-189	Install Roofless Building U1	0	0%		30-Mar-20	35	-16
00-Paymnt-190	Install Roofless Building U2	0	0%		30-Mar-20	35	-16
00-Paymnt-192	Install Perimeter Fence and Gates (Fence Grounding included)	0	0%		30-Mar-20	35	-10
Completion Milestones		72	0%	13-Apr-20	18-Aug-20	-45	-1
00-Paymnt-186	Mechanical Completion	0	0%		13-Apr-20	27	-1
00-Paymnt-193	Final Construction Completion	0	0%		24-Apr-20	19	-2
00-Paymnt-194	Final Project Completion	0	0%		18-Aug-20	-45	-1
Inclement Weather / Rain Days		210	100%	04-Mar-19 A	13-Mar-20 A		-59
00-RainD-001	TIMP: 04MAR19 Rain Over Weekend, No Hauling	1	100%	04-Mar-19 A	04-Mar-19 A		0



Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-RainD-002	TIMP: 04MAR19 Rain Over Weekend, No Hauling	1	100%	04-Mar-19 A	04-Mar-19 A		0
00-RainD-003	TIMP: 27NOV19 Rained - Partial Work Day	1	100%	27-Nov-19 A	27-Nov-19 A		0
00-RainD-004	TIMP: 10MAR20 Rained - Partial - Work Day - Stopped Excavati	1	100%	10-Mar-20 A	10-Mar-20 A		
00-RainD-005	TIMP: 12MAR20 Rained - Partial After Lanuch - Work Day - Stop	1	100%	12-Mar-20 A	12-Mar-20 A		
00-RainD-006	TIMP: 13MAR20 Rained - Morning Rain- Work Day - Stopped Ex	1	100%	13-Mar-20 A	13-Mar-20 A		
Request for Information (RFIs)		220	98.18%	06-Jun-19 A	03-Apr-20	329	-18
Supplemental Information		216	100%	08-Oct-19 A	25-Mar-20 A		-20
Engineering Change Notices		216	100%	08-Oct-19 A	25-Mar-20 A		-20
PSC Daily Report		4	100%	19-Nov-19 A	19-Nov-19 A		0
Field Change Oders		225	98.22%	26-Nov-19 A	03-Apr-20	323	-16
Construction		354	96.61%	04-Feb-19 A	17-Apr-20	321	10
Mobilization		19	100%	04-Feb-19 A	01-Mar-19 A		0
Site Preparation		193	100%	19-Feb-19 A	04-Oct-19 A		0
Vehicle Bridge		177	100%	04-Mar-19 A	30-Dec-19 A		0
UG Electrical		263	96.66%	22-Mar-19 A	13-Apr-20	324	-6
UG Piping		215	97.4%	06-May-19 A	07-Apr-20	327	-7
Foundations		287	97.21%	06-Mar-19 A	10-Apr-20	325	-5
Structural Steel		214	94.38%	05-Feb-19 A	17-Apr-20	23	-14
Equipment Installation		185	93.94%	20-May-19 A	16-Apr-20	322	-2
Electrical Installation		267	95.51%	11-Apr-19 A	17-Apr-20	321	10
AG Piping		133	100%	25-Jul-19 A	16-Mar-20 A		5
Painting & Insulation		33	100%	03-Feb-20 A	28-Feb-20 A		18
Pre-Commissioning		62	79.49%	02-Jan-20 A	20-Apr-20	320	14
System Turn Over Packages		62	79.49%	02-Jan-20 A	20-Apr-20	22	14
U2 Power Block PWP's		46	100%	08-Jan-20 A	09-Mar-20 A		2
U1 Power Block PWP's		48	100%	08-Jan-20 A	27-Mar-20 A		-11
TOP System Walkdown		62	35.71%	09-Jan-20 A	20-Apr-20	22	16
Electrical and Control		25	100%	09-Jan-20 A	29-Jan-20 A		0
BOP Systems Walkdown		54	33.58%	16-Jan-20 A	20-Apr-20	22	16
Gas Turbine #2 (GT2) Walkdown		25	100%	09-Jan-20 A	15-Mar-20 A		3
Gas Turbine #1 (GT1) Walkdown		29	100%	04-Feb-20 A	23-Mar-20 A		-1
Commissioning		231	94.12%	28-Feb-16 A	21-Apr-20	319	18
Balance of Plant Systems		61	77.63%	09-Jan-20 A	21-Apr-20	319	18
GT2 Engine Commissioning		49	77.05%	28-Feb-16 A	16-Apr-20	322	-6
GT1 Engine Commissioning		230	94.77%	17-Dec-19 A	17-Apr-20	321	-2
Demobilization		38	46.81%	24-Feb-20 A	01-May-20	15	14
Socal Gas Line Schedule		142	95.78%	19-Aug-19 A	08-Apr-20	327	0
SCG-1000	Mobilization	5	100%	19-Aug-19 A	23-Aug-19 A		0
SCG-1010	Install 600' Of 12"	13	100%	26-Aug-19 A	19-Sep-19 A		0
SCG-1020	Install 1200' of 12"	60	100%	01-Oct-19 A	07-Feb-20 A		0
SCG-1022	Install Piping Supports	4	100%	10-Feb-20 A	17-Mar-20 A		0
SCG-1024	MSA Electrical And Commissioning	4	100%	10-Feb-20 A	17-Mar-20 A		0
SCG-1030	Testing	4	100%	18-Mar-20 A	26-Mar-20 A		0
SCG-1040	Socal Gas Tie-In	4	75%	26-Mar-20 A	31-Mar-20	327	0
SCG-1050	De-Mobilize	4	0%	31-Mar-20	08-Apr-20	327	0
SCE Interconnection Schedule		470	39.12%	07-Apr-17 A	20-Aug-20	252	0
Stanton Energy Reliability Center Integrated Schedule (PIN# 8016) - Update		470	39.12%	07-Apr-17 A	20-Aug-20	252	0



Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

TASK filter: Not Level Of Effort.

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
Project Management		390	100%	07-Apr-17 A	03-Mar-20 A		0
0110	PMWIF Issuance	0	100%		07-Apr-17 A		0
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
0105	Approved OD	0	100%		03-Mar-20 A		0
Customer Milestones		230	100%	14-Dec-18 A	01-Nov-19 A		0
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
01225	Control House Ready for SCE Telecom Cabinets	0	100%		01-Oct-19 A		0
01230	Ready for In-Service Testing	0	100%		01-Nov-19 A		0
Environmental		150	100%	01-Aug-18 A	31-May-19 A		0
0355	Environmental Process	150	100%	01-Aug-18 A	31-May-19 A		0
Substation		434	100%	25-Jan-18 A	03-Mar-20 A		-1
Mirage Substation		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
01170	Final Engineering	80	100%	07-Aug-18 A	15-Apr-19 A		0
Construction		34	100%	16-Apr-19 A	31-May-19 A		0
01020	UFLS Work	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
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 Upgrades at Barre Substation (SAP# 902360074)		396	100%	14-May-18 A	03-Mar-20 A		-1
Engineering		145	100%	14-May-18 A	10-Apr-19 A		0
Preliminary Engineering		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
Final Engineering / Design		145	100%	04-Sep-18 A	10-Apr-19 A		0
01045	Structural Engineering / Design	100	100%	04-Sep-18 A	05-Feb-19 A		0
01035	Electrical Engineering / Design	66	100%	18-Sep-18 A	05-Feb-19 A		0
01040	Civil Engineering / Design	47	100%	03-Dec-18 A	05-Feb-19 A		0
01050	Final Engineering / Designs	34	100%	17-Dec-18 A	05-Feb-19 A		0
01060	Qualitiy Assurance Review	23	100%	06-Feb-19 A	08-Mar-19 A		0
01070	QA Corrections	25	100%	11-Mar-19 A	10-Apr-19 A		0
01255	Issue Structural Steel Package to CDM (SAP# 902306533)	0	100%		28-Mar-19 A		0
01065	Issue Completed Package to CDM	0	100%		10-Apr-19 A		0
Procurement / Materials		198	100%	21-Nov-18 A	30-Aug-19 A		0

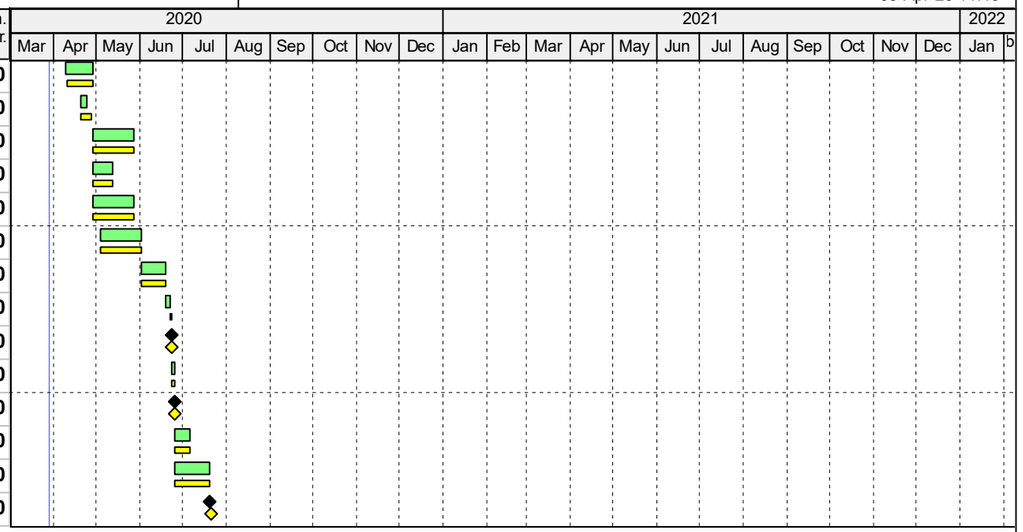
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
01100	RE to Submit Major Material Order (CB)	0	100%		21-Nov-18 A		0
01110	Procurement / Material Delivery	125	100%	03-Dec-18 A	30-Aug-19 A		0
01085	Issue PO for Circuit Breaker	0	100%		03-Dec-18 A		0
01115	CB Delivered	0	100%		30-Aug-19 A		0
Construction		177	100%	03-Jun-19 A	17-Jan-20 A		0
01270	Summer Load and High Line Loading Period	100	100%	03-Jun-19 A	25-Oct-19 A		0
01275	Outage Request	15	100%	28-Oct-19 A	15-Nov-19 A		0
01078	Construction Start	0	100%	19-Nov-19 A			0
01075	Built and Test Position 11	45	100%	19-Nov-19 A	17-Jan-20 A		0
01280	3A Bank in Position 10 Offline	0	100%		20-Nov-19 A		0
01260	Install Structural Steel for 66kV Switchrack Position# 10 (SAP#	20	100%	20-Nov-19 A	13-Dec-19 A		0
01165	Construction Finish	0	100%		17-Jan-20 A		0
Commissioning		5	100%	26-Feb-20 A	03-Mar-20 A		-1
01080	Test & In-Service	5	100%	26-Feb-20 A	03-Mar-20 A		-1
Interconnection Facilities at Barre Substation (SAP# 902360075)		434	100%	25-Jan-18 A	28-Feb-20 A		0
Engineering		323	100%	25-Jan-18 A	25-Oct-19 A		0
Preliminary Engineering		21	100%	25-Jan-18 A	30-Jan-18 A		0
01090	Preliminary Engineering	21	100%	25-Jan-18 A	30-Jan-18 A		0
Final Engineering / Design		302	100%	04-Sep-18 A	25-Oct-19 A		0
01105	Structural Engineering / Design	70	100%	04-Sep-18 A	05-Feb-19 A		0
01095	Electrical Engineering / Design	66	100%	18-Sep-18 A	05-Feb-19 A		0
01120	Quality Assurance & QA Corrections	51	100%	06-Feb-19 A	10-Apr-19 A		0
01125	Issue Completed Package to CDM	0	100%		10-Apr-19 A		0
01130	Relay Settings (OD43)	30	100%	16-Sep-19 A	25-Oct-19 A		0
Procurement / Materials		30	100%	15-Apr-19 A	15-Jul-19 A		0
01135	Procurement / Materials Delivery	30	100%	15-Apr-19 A	15-Jul-19 A		0
Construction		101	100%	29-Oct-19 A	25-Feb-20 A		0
01145	Construction Duration	60	100%	29-Oct-19 A	24-Feb-20 A		0
01140	Construction Start	0	100%	29-Oct-19 A			0
01150	Construction Finish	0	100%		25-Feb-20 A		0
Commissioning		5	100%	26-Feb-20 A	28-Feb-20 A		0
01155	Test & In-Service	5	100%	26-Feb-20 A	28-Feb-20 A		0
Sub Transmission / Gen-Tie		372	100%	02-Jul-18 A	03-Jan-20 A		0
01175	Preliminary Engineering	80	100%	02-Jul-18 A	02-Jan-19 A		0
01180	Final Engineering	72	100%	03-Jan-19 A	12-Apr-19 A		0
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
01190	Cable Installation Work	15	100%	29-Nov-19 A	19-Dec-19 A		0
01290	Perform Terminations At Skip	5	100%	20-Dec-19 A	26-Dec-19 A		0

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
01195	Testing/Commissioning	5	100%	30-Dec-19 A	03-Jan-20 A		0
TransTelecom		235	100%	20-Feb-19 A	10-Jan-20 A		0
Barre Substation		235	100%	20-Feb-19 A	10-Jan-20 A		0
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	100%	19-Nov-19 A	13-Dec-19 A		0
01250	Installation Testing	10	100%	30-Dec-19 A	10-Jan-20 A		0
Skip Substation		235	100%	20-Feb-19 A	10-Jan-20 A		0
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	100%	29-Nov-19 A	26-Dec-19 A		0
9135	Installation Testing	10	100%	30-Dec-19 A	10-Jan-20 A		0
IT/Telecom		295	100%	19-Nov-18 A	10-Jan-20 A		0
Barre Substation		295	100%	19-Nov-18 A	10-Jan-20 A		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	100%	16-Dec-19 A	27-Dec-19 A		0
9060	Installation Testing	10	100%	30-Dec-19 A	10-Jan-20 A		0
Skip Substation		295	100%	19-Nov-18 A	10-Jan-20 A		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
9085	IT/Telecom Installation at Skip Substation	10	100%	02-Dec-19 A	13-Dec-19 A		0
9090	Installation Testing	10	100%	30-Dec-19 A	10-Jan-20 A		0
PSC		260	100%	20-Feb-19 A	16-Jan-20 A		0
Barre Substation		260	100%	20-Feb-19 A	16-Jan-20 A		0
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
9065	Test & In-Service	10	100%	03-Jan-20 A	16-Jan-20 A		0
Skip Substation		260	100%	20-Feb-19 A	16-Jan-20 A		0
9095	Preliminary Engineering	60	100%	20-Feb-19 A	14-May-19 A		0
9100	Final Engineering	65	100%	15-May-19 A	13-Aug-19 A		0
9105	Procurement & Material Delivery	50	100%	14-Aug-19 A	07-Nov-19 A		0
9110	PSC Installation at Skip Substation	25	100%	29-Nov-19 A	02-Jan-20 A		0
9115	Test & In-Service	10	100%	03-Jan-20 A	16-Jan-20 A		0
Project Closeout		66	0%	20-May-20	20-Aug-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-Aug-20*	0	0
BESS Construction Schedule		63	0%	13-Mar-20 A	20-Jul-20	270	0
BESS-2000	Underground Utilities	4	0%	13-Mar-20 A	09-Apr-20	220	0

Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

TASK filter: Not Level Of Effort.

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
BESS-2005	Construction (Foundations)	20	0%	09-Apr-20	28-Apr-20	220	0
BESS-2025	Install Cable Trays, Raceways, & Supports	7	0%	20-Apr-20	24-Apr-20	224	0
BESS-2010	Construction (Superstructure)	5	0%	28-Apr-20	27-May-20	300	0
BESS-2030	BESS Equipment Delivered To Site	8	0%	28-Apr-20	12-May-20*	220	0
BESS-2020	Equipment Installation	12	0%	28-Apr-20	27-May-20	223	0
BESS-2035	Wiring And Terminations (Double Shift)	8	0%	04-May-20	01-Jun-20	220	0
BESS-2040	BESS Testing & Commissioning	4	0%	02-Jun-20	19-Jun-20	220	0
BESS-2050	EGT Testing & Commissioning	1	0%	19-Jun-20	22-Jun-20	220	0
BESS-2060	BESS COD (For RAPA)	0	0%	23-Jun-20		220	0
BESS-2080	EGT Comissioning and Trial Test Runs	4	0%	23-Jun-20	25-Jun-20	220	0
BESS-2090	EGT Substantial Completion Target (COD)	0	0%	25-Jun-20		220	0
BESS-2100	O&M Staff Training By GE	4	0%	25-Jun-20	06-Jul-20	270	0
BESS-2110	As Builts	4	0%	25-Jun-20	20-Jul-20	270	0
BESS-2120	Final Completion Target	0	0%	20-Jul-20		270	0



Attachment 2 – COM-5 Compliance Matrix

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:		Pre- Construction						
2	**All Phases**							6/30/2040							Construction						
3															Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
6	AQ	AQ-A1.a	COM/OPS	**Monthly Emissions Limits** - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOx). See Decision AQ-A1 also for rules regarding the for commencement of operation. See **Decision** for rules on emissions calculations during the transition from Commissioning to Operation.	The turbine shall not commence with normal operation until the commissioning process has been completed. Normal operation commences when the turbine is able to supply electrical energy to the power grid as required under contract with the relevant entities. The SCAQMD shall be notified in writing once the commissioning process for each turbine is completed.	The SCAQMD shall be notified in writing once the commissioning process for each turbine is completed.	When commissioning is complete	6/24/2020		Not Started							SCAQMD			SERC	DSR
7	AQ	AQ-A1.b	COM/OPS	**Monthly Emissions Limits** - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOx). See Decision AQ-A1 also for rules regarding the for commencement of operation. See **Decision** for rules on emissions calculations during the transition from Commissioning to Operation.	The project owner shall provide emissions summary data in compliance with his condition as part of the Quarterly Operation reports (AQ-SC7).	The project owner shall provide emissions summary data in compliance with his condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days following the end of each calendar quarter	Quarterly		Not Started							SCAQMD			SERC	DSR
8	AQ	AQ-A2	OPS	**Annual Emissions Limits** - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOx). See Decision AQ-A1 also for rules regarding the for commencement of operation. See **Decision** for rules on emissions calculations during the transition from Commissioning to Operation.	The project owner shall maintain records to demonstrate compliance with this condition and shall make such records available to the SCAQMD Executive Officer upon request. The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD. The records shall include, but not be limited to, natural gas usage in a calendar month and automated monthly and annual calculated emissions. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002] [Devices subject to this condition: D1, D7]	Quarterly Operation Reports (AQ-SC7)	Annually, no later than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Not Started										SERC	DSR
9	AQ	AQ-A2.a		**Annual Emissions Limits** - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOx). See Decision AQ-A1 also for rules regarding the for commencement of operation. See **Decision** for rules on emissions calculations during the transition from Commissioning to Operation.	The project owner shall maintain records to demonstrate compliance with this condition and shall make such records available to the SCAQMD Executive Officer upon request. The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD. The records shall include, but not be limited to, natural gas usage in a calendar month and automated monthly and annual calculated emissions. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002] [Devices subject to this condition: D1, D7]	N/A	N/A	N/A		Not Started										SERC	DSR
10	AQ	AQ-A3	COM/OPS	**2.5 PPMV NOx Limit Averging** -The 2.5 PPMV NOx emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] [Devices subject to this condition: D1, D7]	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
11	AQ	AQ-A4	COM/OPS	**4.0 PPMV CO Limit Averaging** - The 4.0 PPMV CO emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] [Devices subject to this condition: D1, D7]	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
12	AQ	AQ-A5	COM/OPS	**2.0 PPMV VOC Limit Averaging** - The 2.0 PPMV VOC emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] [Devices subject to this condition: D1, D7]	The project owner shall submit records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:		Pre- Construction						
2	**All Phases**							6/30/2040							Construction						
3															Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
13	AQ	AQ-A6	COM/OPS	**25 PPMV Nox Limit Averaging** - The 25 PPMV NOx emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [40 CFR 60 Subpart KKKK, 7-6-2006] [Devices subject to this condition: D1, D7]	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started											SERC	DSR
14	AQ	AQ-A7	COM/OPS	**Combustion Contaminant Emissions** - For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time. [RULE 475, 10-8-1976; RULE 475, 8-7-1978] [Devices subject to this condition: D1, D7]	The project owner shall submit records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started											SERC	DSR
15	AQ	AQ-A8	COM/OPS	**NH_3 Limit Averaging** - The 5.0 PPMV NH_3 emission limit is averaged over one hour, dry basis, at 15 percent oxygen. The project owner shall calculate and continuously record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH_3 calculation equation.	The project owner shall install, calibrate, maintain, and the monitoring system according to a District-approved monitoring plan.	Monitoring Plan	Prior to the installation the project owner shall submit a monitoring plan to the CPM for review and approval.	3/16/2020	3/9/2020	In Progress										SERC	DSR
16	AQ	AQ-A8.a	COM/OPS	**NH3 Limit Averaging** - The 5.0 PPMV NH3 emission limit is averaged over one hour, dry basis, at 15 percent oxygen. The project owner shall calculate and continuously record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH3 calculation equation.	Install, calibrate, maintain, and the monitoring system according to a District-approved monitoring plan. The project owner shall include exceedances of the hourly ammonia slip limit and calibration reports as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
17	AQ	AQ-A8.b	COM/OPS	**NH3 Limit Averaging** - The 5.0 PPMV NH3 emission limit is averaged over one hour, dry basis, at 15 percent oxygen. The project owner shall calculate and continuously record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH3 calculation equation.	The project owner shall install and maintain a NOx analyzer to measure the SCR inlet NOx ppmw accurate to within plus or minus 5 percent **calibrated at least once every 12 months**. The project owner shall use the method described above or another alternative method approved by the Executive Officer.	Calibrate SCR inlet Nox analyzer	Once every 12 months	Annually		Not Started										SERC	DSR
18	AQ	AQ-A8.c	COM/OPS	**NH3 Limit Averaging** - The 5.0 PPMV NH3 emission limit is averaged over one hour, dry basis, at 15 percent oxygen. The project owner shall calculate and continuously record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH3 calculation equation.	The ammonia slip calculation procedure shall be in effect no later than 90 days after initial startup of the turbine.	No Submittal requirement identified, Report in Quarterly report	The ammonia slip calculation procedure shall be in effect no later than 90 days after initial startup of the turbine	6/14/2020		Not Started										SERC	DSR
19	AQ	AQ-B1	COM/OPS	**H_2S Limit Averaging** - Concentration limit is an annual average based on monthly samples of natural gas composition or gas supplier documentation. The project owner shall **not** use natural gas containing the following specified compounds: **H_2S > 0.25 Grains per 100 SCF**	The project owner shall include documentation demonstrating compliance as part of the Quarterly Operation Reports (AQ-SC7). The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
20	AQ	AQ-C1	COM/OPS	**Start-up Limitations** - Owner shall limit the number of start-ups to no more than 124 in any one calendar month.	Provide records including a table documenting the type of startup, duration and date of occurrence. Monthly Reports to be included in the Quarterly Operations Reports (AQ-SC7)	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
21	AQ	AQ-C2	COM/OPS	**Shutdown Limitations** - Owner shall limit the number of shutdowns to no more than 124 in any one calendar month.	Provide records including a table documenting each shutdown, and indicating the duration and date of occurrence. 'Monthly reports to be included in Quarterly Operation Reports. (AQ-SC7)	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
22	AQ	AQ-C3	COM/OPS	**Pressure Relief Valve Requirements** - The project owner shall install and maintain a pressure relief valve set at 2.3 psig.	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:		Pre- Construction						
2	**All Phases**							6/30/2040							Construction						
3															Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
23	AQ	AQ-D1a	COM/OPS	**Initial Source Test** - Owner must conduct initial commissioning air pollutant source tests. See **Decision** for methods, averaging times, and test location. **The test shall be conducted after District approval of the source test protocol, but no later than 180 days after initial start-up.** District must approve test protocol in advance. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	Submit test protocol to CPM for approval.	Proposed source test protocol.	Submit protocol 90 days before test date to CPM.	6/14/2020	1/24/2020	In Progress										SERC	DSR
24	AQ	AQ-D1b	COM/OPS	**Initial Source Test** - Owner must conduct initial commissioning air pollutant source tests. See **Decision** for methods, averaging times, and test location. **The test shall be conducted after District approval of the source test protocol, but no later than 180 days after initial start-up.** District must approve test protocol in advance. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	Submit test protocol to District for approval.	Proposed source test protocol.	Submit protocol 90 days before test date to Air District.	6/14/2020		Not Started							SCAQMD	1/2/2020 1/9/2020		SERC	DSR
25	AQ	AQ-D1c	COM/OPS	**Initial Source Test** - Owner must conduct initial commissioning air pollutant source tests. See **Decision** for methods, averaging times, and test location. **The test shall be conducted after District approval of the source test protocol, but no later than 180 days after initial start-up.** District must approve test protocol in advance. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	Submit test protocol to CPM for approval.	**Notification to the CPM** of the date and time of the test at least 10 days prior to the test.	Notify **CPM** of proposed date and time 10 days prior to test date.	9/2/2020		Not Started										SERC	DSR
26	AQ	AQ-D1d	COM/OPS	**Initial Source Test** - Owner must conduct initial commissioning air pollutant source tests. See **Decision** for methods, averaging times, and test location. **The test shall be conducted after District approval of the source test protocol, but no later than 180 days after initial start-up.** District must approve test protocol in advance. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	The District shall be notified of the date and time of the source test(s) at least 10 days prior to the test.	**Notification to the District** of the date and time of the test at least 10 days prior to the test.	Notify **Air District** of proposed date and time **10 days prior to test date.**	9/2/2020		Not Started							SCAQMD			SERC	DSR
27	AQ	AQ-D2a	COM/OPS	**Operations Source Test** - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 at least once every **three years**. See **Decision** for methods, averaging times, and test location. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall **submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date** to both the District and CPM for approval.	Revised protocol for the source tests	Submit revised protocol no later than **45 days** before test date to the **CPM**	3/16/2023		Not Started										SERC	DSR
28	AQ	AQ-D2b	COM/OPS	**Operations Source Test** - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See **Decision** for methods, averaging times, and test location. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall **submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date** to both the District and CPM for approval.	Revised protocol for the source tests	Submit revised protocol no later than **45 days** before test date to the **District**	3/16/2023		Not Started							SCAQMD			SERC	DSR
29	AQ	AQ-D2c	COM/OPS	**Operations Source Test** - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See **Decision** for methods, averaging times, and test location. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	Submit the source test results no later than 60 days following the source test date to both the District and **CPM**.	Source test results	No later than 60 days following the source test date.	5/15/2023		Not Started										SERC	DSR
30	AQ	AQ-D2d	COM/OPS	**Operations Source Test** - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See **Decision** for methods, averaging times, and test location. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	Submit the source test results no later than 60 days following the source test date to both the **District** and CPM.	Source test results	No later than 60 days following the source test date.	5/15/2023		Not Started							SCAQMD				
31	AQ	AQ-D2e	COM/OPS	**Operations Source Test** - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See **Decision** for methods, averaging times, and test location. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	**Notification to the CPM** of the date and time of the test at least 10 days prior to the test.	Notify **CPM** of proposed date and time **10 days prior to test date.**	9/2/2023		Not Started										SERC	DSR
32	AQ	AQ-D2f	COM/OPS	**Operations Source Test** - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See **Decision** for methods, averaging times, and test location. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	**Notification to the District** of the date and time of the test at least 10 days prior to the test.	Notify **Air District** of proposed date and time **10 days prior to test date.**	9/2/2023		Not Started							SCAQMD			SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:		Pre- Construction						
2	**All Phases**							6/30/2040							Construction						
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
33	AQ	AQ-D3a	COM/OPS	**NH3 Source Test** - Owner must conduct air pollutant source tests for NH_3 quarterly during first 12 months of operation and annually after that. See **Decision** for methods, averaging times, and test location. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to CPM	7/29/2021		Not Started										SERC	DSR
34	AQ	AQ-D3b	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to District	7/29/2021		Not Started							SCAQMD			SERC	DSR
35	AQ	AQ-D3c	COM/OPS	**NH3 Source Test** - Owner must conduct air pollutant source tests for NH_3 quarterly during first 12 months of operation and annually after that. See **Decision** for methods, averaging times, and test location. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	The project owner shall submit the source test results no later than 60 days following the source test date to both the District and CPM.	NH3 Slip test results	Submit results 60 days after the test to CPM	11/11/2021		Not Started										SERC	DSR
36	AQ	AQ-D3d	COM/OPS	**NH3 Source Test** - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall submit the source test results no later than 60 days following the source test date to both the District and CPM.	NH3 Slip test results	Submit results 60 days after the test to District	11/11/2021		Not Started							SCAQMD			SERC	DSR
37	AQ	AQ-D3e	COM/OPS	**NH3 Source Test** - Owner must conduct air pollutant source tests for NH_3 quarterly during first 12 months of operation and annually after that. See **Decision** for methods, averaging times, and test location. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	The SCAQMD shall be notified of the date and time of the test at least 10 days prior to the test.	The project owner shall notify the CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	9/2/2020		Not Started										SERC	DSR
38	AQ	AQ-D3f	COM/OPS	**NH3 Source Test** - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	The SCAQMD shall be notified of the date and time of the test at least 10 days prior to the test.	The project owner shall notify the District no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	9/2/2020		Not Started							SCAQMD			SERC	DSR
39	AQ	AQ-D3g	COM/OPS	**NH3 Source Test** - Owner must conduct air pollutant source tests for NH_3 quarterly during first 12 months of operation and annually after that. See **Decision** for methods, averaging times, and test location. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	The test shall be conducted at least quarterly during the first twelve months of operation and at least annually thereafter.	N/A	N/A	Quarterly/Annual		Not Started										SERC	DSR
40	AQ	AQ-D4	COM/OPS	**CEMS for CO** - Install a CEMS to measure CO concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See **Decision** for CO conversion rate formula.	The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine, and in accordance with an approved SCAQMD Rule 218 CEMS plan application. The project owner shall not install the CEMS prior to receiving initial approval from SCAQMD.	N/A	The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine, and in accordance with an approved SCAQMD Rule 218 CEMS plan application.	6/14/2020		Not Started										SERC	DSR
41	AQ	AQ-D4a	COM/OPS	**CEMS for CO** - Install a CEMS to measure CO concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See **Decision** for CO conversion rate formula.	The project owner shall submit the SCAQMD approved CEMS plan to the CPM within 90 days of SCAQMD approval. The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	3/16/2020	1/24/2020	In Progress										SERC	DSR
42	AQ	AQ-D4b	COM/OPS	**CEMS for CO** - Install a CEMS to measure CO concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See **Decision** for CO conversion rate formula.	The initial certification testing shall be completed and submitted to the SCAQMD within 90 days of the conclusion of the turbine commissioning period.	CEMS Plan / Initial Certification	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/30/2020		Not Started										SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
43	AQ	AQ-D5	COM/OPS	**CEMS for NOx** - Install a CEMS to measure NOx concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See **Decision** for CO conversion rate formula.	The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine, and in accordance with an approved CEMS certification application submitted in compliance with 40 CFR Part 60 Subpart KKKK and 40 CFR Part 75. The project owner shall not install the CEMS prior to receiving initial approval from SCAQMD.	CEMS Plan	The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine	6/14/2020		Not Started										SERC	DSR
44	AQ	AQ-D5a	COM/OPS	**CEMS for NOx** - Install a CEMS to measure NOx concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See **Decision** for CO conversion rate formula.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	3/16/2020	1/24/2020	In Progress										SERC	DSR
45	AQ	AQ-D5b	COM/OPS	**CEMS for NOx** - Install a CEMS to measure NOx concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See **Decision** for CO conversion rate formula.	The project owner shall submit the SCAQMD approved CEMS plan to the CPM within 90 days of SCAQMD approval. The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	CEMS Plan	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/30/2020	1/24/2020	In Progress										SERC	DSR
46	AQ	AQ-D6a	COM/OPS	**Meter for NH_3 Flow** - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH_3). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 15 and 200 pounds per hour (except during startups and shutdowns).	Calibrate NH3 Meter	N/A	Prior to first fire	3/6/2020		Completed										SERC	DSR
47	AQ	AQ-D6b	COM/OPS	**Meter for NH_3 Flow** - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH_3). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 15 and 200 pounds per hour (except during startups and shutdowns).	Maintain ammonia injection rate between 15 and 200 pounds per hour (except during startups and shutdowns). Documentation demonstrating compliance in Quarterly Operations Report (AQ-SC7), including table of shutdowns.	Quarterly Operation Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
48	AQ	AQ-D6c	COM/OPS	**Meter for NH_3 Flow** - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH_3). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Calibrate NH3 Meter	N/A	Once every 12 months	Annually		Not Started										SERC	DSR
49	AQ	AQ-D7a	COM/OPS	**SCR Temperature Gauge** - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	Calibrate SCR Inlet temperature gauge	N/A	Prior to first fire	3/6/2020		Completed										SERC	DSR
50	AQ	AQ-D7b	COM/OPS	**SCR Temperature Gauge** - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns). The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7), including table of shutdowns.	Quarterly Operation Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
51	AQ	AQ-D7c	COM/OPS	**SCR Temperature Gauge** - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	Calibrate SCR Inlet temperature gauge	N/A	Once every 12 months	Annually		Not Started										SERC	DSR
52	AQ	AQ-D7d	COM/OPS	**SCR Temperature Gauge** - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	Quarterly Operations Report (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
53	AQ	AQ-D8a	COM/OPS	**SCR Pressure Gauge** - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	Calibrate DP pressure gauge. The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	N/A	Prior to first fire	3/6/2020		Completed											SERC	DSR
54	AQ	AQ-D8b	COM/OPS	**SCR Pressure Gauge** - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	The project owner shall also install and maintain a device to continuously record the parameter being measured.The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started											SERC	DSR
55	AQ	AQ-D8c	COM/OPS	**SCR Pressure Gauge** - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	Calibrate DP pressure gauge.	N/A	Once every 12 months	Annually		Not Started											SERC	DSR
56	AQ	AQ-E1	CONS	The project owner shall upon completion of construction, operate and maintain this equipment according to the following requirements: In accordance with all air quality mitigation measures stipulated in the final California Energy Commission decision for the 16-AFC-01 project. [CA PRC CEQA, 5-12-2017] [Devices subject to this condition: D1, C3, C4, D7, C9, C10, D13]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Conditional		Not Started											SERC	DSR
57	AQ	AQ-E2a	CONS	**Permit to Construct** - The Permit to Construct shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the District Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate.	Request an extention of the Permit to Construct	Permit to Construct extension	Prior to expiration of Permit to Construct	11/14/2020		In Progress								SCAQMD			SERC	TLB
58	AQ	AQ-E3	COM/OPS	**Commissioning Hours** - Total commissioning hours shall not exceed 100 hours of fired operation for each turbine from the date of initial turbine startup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	The project owner shall submit all records including the total number of commissioning hours, number of commissioning hours without control, natural gas fuel usage for the pre-catalyst phase, and natural gas fuel usage for the post-catalyst phase per turbine to demonstrate compliance with this condition as part of the Quarterly Operational Report required in AQ-SC7.	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started											SERC	DSR
59	AQ	AQ-E3a	COM/OPS	**Commissioning Hours** - Total commissioning hours shall not exceed 100 hours of fired operation for each turbine from the date of initial turbine startup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	The project owner shall provide the SCAQMD with written notification of the initial startup date of each turbine.	The SCAQMD shall be notified in writing of the initial startup date of each turbine.	2/1/2020	3/16/2020		Not Started								SCAQMD			SERC	DSR
60	AQ	AQ-E4	COM/OPS	**CO_2 Emission Limit** - 120 lbs/MMBtu CO_2 emission limit for non-base load turbines shall apply. Compliance with the 120 lbs/MMBTu CO2 emission limit shall be determined on a 12-operating-month rolling average basis. This turbine shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart TTTT, including applicable requirements for recordkeeping and reporting. [40 CFR 60 Subpart TTTT, 10-23-2015] [Devices subject to this condition: D1, D7]	The project owner shall submit to the CPM for approval all emissions and emission calculations to demonstrate compliance with this condition as part of the 4th quarter Quarterly Operational Report required in AQ-SC7.	Quarterly Operational Report (AQ-SC7).	Annually, no later than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Not Started											SERC	DSR
61	AQ	AQ-E5	COM/OPS	**Storage Tank, Aqueous Ammonia** - The project owner shall vent this equipment, during filling, only to the vessel from which it is being filled.	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Conditional		Not Started											SERC	DSR
62	AQ	AQ-F1	CONS/COM /OPS	**Air Discharge Limits** - Except for open abrasive blasting operations, the project owner shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is: (a) As dark or darker in shade as that designated No. 1 on the Ringelmann chart, as published by the United States Bureau of Mines; or (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.	The project owner shall make the site available for inspection by representatives of the District, California Air Resources Board (ARB), the United States Environmental Protection Agency (U.S. EPA) and the California Energy Commission (Energy Commission).	NA	N/A	Conditional		Not Started											SERC	DSR

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3														Commissioning							
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**								Operations							
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63	AQ	AQ-H1	COM/OPS	**NOx CEMS Performance Evaluation** -The performance evaluation of the NOx CEMS shall be conducted as part of the initial performance test of the turbine required no later than 180 days after initial start-up by §60.8, in accordance with the requirements of §60.4405. The initial performance test of the turbine shall be conducted to demonstrate compliance with the §60.4320 limit of 25.0 ppmv NOx at 15% O2, 1-hour averaging. [40 CFR 60 Subpart A, 6-3-2016; 40 CFR 60 Subpart KKKK, 7-6-2006] [Devices subject to this condition: D1, D7]. See **Decision** for rules for additional requirements	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	No later than 180 days after initial start-up	9/12/2020		Not Started											SERC	DSR
64	AQ	AQ-H2	COM/OPS	**Nox CEMS requirements** - The Nox CEMS shall comply with the requirements of conditions D82.2 (AQD5), H23.1 (AQ-H1), and H23.2 (AQ-H2). The project owner shall measure and record SO2 emissions by using the applicable procedures specified in appendix D to Part 75 for estimating hourly SO2 mass emissions, pursuant to §75.11(d)(2). The project owner shall measure and record CO2 emissions by following the procedures in appendix G to Part 75 for estimating daily CO2 mass emissions, pursuant to §75.10(a)(3)(ii) and §75.13(b). [40 CFR 75-Acid Rain CEM, 1-18-2012] [Devices subject to this condition: D1, D7] See **Decision** for rules for additional requirements	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing		Not Started											SERC	DSR
65	AQ	AQ-H3	COM/OPS	**Refrigerants Requirements** - The equipment is subject to the applicable requirements of District Rule 1415. **[Devices subject to this condition: E15]**	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing		Not Started											SERC	DSR
66	AQ	AQ-H4	COM/OPS	**Refrigerants Requirements** - This equipment is subject to Rule 40 CFR 82, Subpart F**. [Devices subject to this condition: E15]**	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing		Not Started											SERC	DSR
67	AQ	AQ-K1	COM/OPS	**Source Test Results** - The owner must provide source test results to the District 90 days after testing. See the **Decision** for detailed requirements.	The project owner shall submit the source test results no later than 90 days following the source test date to both the District and CPM.	Source test results to CPM	No later than 90 days following the source test date	12/11/2020		Not Started											SERC	DSR
68	AQ	AQ-K1a	COM/OPS	**Source Test Results** - The owner must provide source test results to the District 90 days after testing. See the **Decision** for detailed requirements.	The project owner shall submit the source test results no later than 90 days following the source test date to both the District and CPM.	Source test results to District	No later than 90 days following the source test date	12/11/2020		Not Started							SCAQMD				SERC	DSR
69	AQ	AQ-K2	CONS/COM /OPS	The project owner shall keep records, in a manner approved by the district, for the following parameter(s) or item(s): For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings. For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings. [RULE 3004(a)(4) - Periodic Monitoring, 12-12-1997] [Devices subject to this condition: E14]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing		Not Started											SERC	TLB
70	AQ	AQ-SC1	PC	**Air Quality Construction/Demolition Mitigation Manager (AQCMM)** - The project owner shall designate and retain an on-site AQCMM who shall be responsible for directing and documenting compliance with **AQ-SC3, AQ-SC4, and AQ-SC5** for the entire project site and linear facility construction.	Project owner shall submit to the CPM for approval, the name, resume, qualifications, and contact information for the on-site AQCMM and all AQCMM Delegates. The AQCMM and all delegates must be approved by the CPM and all AQCMM Delegates before the start of ground disturbance.	Resume of AQCMM & AQCMM Delegates	At least 60 days prior to ground disturbance	11/3/2018	11/1/2018 03/27/2019	Completed	11/6/2018 04/03/2019										SERC	GAL
71	AQ	AQ-SC2	PC	**Air Quality Construction Mitigation Plan** - The project owner shall provide an AQCMP, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with AQSC3, AQ-SC4, and AQ-SC5.	Submit the AQCMP to the CPM for approval and the South Coast Air Quality Management District (District). The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.	AQCMP	At least 60 days prior to ground disturbance, the project owner shall submit the AQCMP to the CPM	11/3/2018	11/1/2018	Completed	11/19/2018										SERC	GAL
72	AQ	AQ-SC2a	PC	**Air Quality Construction Mitigation Plan** - The project owner shall provide an AQCMP, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with AQSC3, AQ-SC4, and AQ-SC5.	Submit the AQCMP to the CPM for approval and the South Coast Air Quality Management District (District). The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.	AQCMP	At least 60 days prior to ground disturbance, the project owner shall submit the AQCMP to the South Coast Air Quality Management District (District).	11/3/2018		Completed							SCAQMD	11/1/2018			SERC	GAL

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73	AQ	AQ-SC3	CONS	**Air Quality Fugitive Dust MCR** - The AQCMM shall submit documentation to the CPM in each Monthly Compliance Report (MCR) that demonstrates compliance with the following mitigation measures for the purposes of minimizing fugitive dust emissions created from construction activities and preventing all fugitive dust plumes from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM notification and approval. (See Decision for list of items (A through N).	Provide a Monthly Compliance Report to the CPM that summarizes all actions taken to maintain compliance with this condition, including complaints filed with the District and other documentation necessary.	MCR	Monthly, no later than 10 business days	Monthly		In Progress											SERC	GAL
74	AQ	AQ-SC4	CONS	**AQ Dust Plume Monitoring** - The AQCMM or delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes that have 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, indicate that existing mitigation measures are not resulting in effective mitigation. The AQCMM or delegate shall implement the following procedures for additional mitigation measures in the event that such visible dust plumes are observed and shall include a section in the AQCMP detailing how the additional mitigation measures will be accomplished within the time limits specified: (See **Decision** AQ-SC4 for Steps 1 through 3 for dust plume response)	Provide a Monthly Compliance Report to the CPM that summarizes all actions taken to maintain compliance with this condition, including complaints filed with the District and other documentation necessary.	MCR	Monthly, no later than 10 business days	Monthly		In Progress											SERC	GAL
75	AQ	AQ-SC5	CONS	**AQ Construction Mitigation Report** - The AQCMM shall submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with the following mitigation measures for purposes of controlling diesel construction related emissions. Any deviation from the following mitigation measures shall require prior CPM notification and approval. (See **Decision** AQ-SC5 for items A through F).	Include a table in the MCR: (1) a summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that the equipment has been properly maintained; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition.	MCR	Monthly, no later than 10 business days	Monthly		In Progress											SERC	GAL
76	AQ	AQ-SC6a	CONS/COM /OPS	Air Permit Modifications - The project owner shall provide the CPM copies of any District-issued project air permit for the facility. The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. EPA, and any revised permit issued by the District or U.S. EPA, for the project.	Submit any proposed air permit modification to the CPM within five working days of either: 1) submittal by the project owner to an agency, or 2) receipt of proposed modifications from an agency.	The project owner shall submit any project air permit and any proposed air permit modification to the CPM within five working days of its submittal either by 1) the project owner to an agency	Within 5 working days of proposing permit modification.	Conditional		Not Started											SERC	GAL
77	AQ	AQ-SC6b	CONS/COM /OPS	Submit Modified Air Permit - See AQ-SC6a	Submit modified permit to CPM	The project owner shall submit any project air permit and any proposed air permit modification to the CPM within five working days of its submittal either by 2) receipt of proposed modifications from an agency.	Within 5 working days of proposing permit modification.	Conditional		Not Started											SERC	GAL
78	AQ	AQ-SC6c	CONS/COM /OPS	Submit Modified Air Permit - See AQ-SC6a	Submit modified permit to CPM	The project owner shall submit all modified air permits to the CPM .	Within 15 days of receipt	Conditional		Not Started											SERC	GAL
79	AQ	AQ-SC7	COM/OPS	**CPM Quarterly Operation Reports -** Project owner shall submit to the CPM Quarterly Operation Reports, following the end of each calendar quarter. Operational and emissions information as necessary to demonstrate compliance with the Conditions of Certification herein to be included.	The project owner shall submit to the CPM Quarterly Operation Reports, following the end of each calendar quarter that include operational and emissions information as necessary to demonstrate compliance with the Conditions of Certification herein.	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days following the end of each calendar quarter	Quarterly		Not Started							SCAQMD			SERC	DSR
80	BIO	BIO-1a	PC	**Designated Biologist Selection** - The project owner shall assign at least one Designated Biologist to the project. The project owner shall submit the resume of the proposed Designated Biologist, with at least three references and contact information, to the Energy Commission compliance project manager (CPM) for approval.. The Designated Biologist must meet the minimum qualifications (1) through (3) in this condition (BIO-1). See **Decision** for qualifications.	The specified information shall be submitted at least 75 days prior to the start of pre-construction site mobilization activities.. No pre-construction site mobilization or construction-related activities shall commence until an approved Designated Biologist is available to be on site.	DB Resume	At least 75 days prior to the start of pre-construction site mobilization activities.	10/19/2018	9/27/2018	Completed	10/17/2018									JACOBS	GAL
81	BIO	BIO-1b	PC/CONS	**Designated Biologist Selection** - The project owner shall assign at least one Designated Biologist to the project. The project owner shall submit the resume of the proposed Designated Biologist, with at least three references and contact information, to the Energy Commission compliance project manager (CPM) for approval.. The Designated Biologist must meet the minimum qualifications (1) through (3) in this condition (BIO-1). See **Decision** for qualifications.	If a Designated Biologist is replaced, the specified information for the proposed replacement must be submitted to the CPM at least ten working days prior to the termination or release of the preceding Designated Biologist.	DB Resume	Notify CPM 10 working days in advance of replacing DB.	Conditional		Not Started											JACOBS	GAL

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82	BIO	BIO-2a	CONS	**Designated Biologist Duties** - The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, closure, or restoration activities. The Designated Biologist may be assisted by the approved Biological Monitor(s) but remains the contact for the project owner and CPM. The Designated Biologist duties shall include the following: (See **Decision** for Items 1-10)	Submit in the monthly compliance report to the CPM copies of all written reports and summaries that document construction activities that have the potential to affect biological resources.	Reports and summaries in the MCR and Annual Compliance Report.	Monthly/Annually	Monthly		In Progress										SERC	GAL
83	BIO	BIO-2b	OPS	**Designated Biologist Duties** - The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, closure, or restoration activities. The Designated Biologist may be assisted by the approved Biological Monitor(s) but remains the contact for the project owner and CPM. The Designated Biologist duties shall include the following: (See **Decision** for Items 1-10)	Submit in the monthly compliance report to the CPM copies of all written reports and summaries that document construction activities that have the potential to affect biological resources.	MCR's and ACR's	Monthly/Annually	Monthly		In Progress										SERC	GAL
84	BIO	BIO-3a	PC	**Biological Monitor Selection** - The project owner's Designated Biologist shall submit the resumes, at least 3 references and contact information, of the proposed Biological Monitors to the CPM for approval.	Submit the specified information to the CPM for approval no less than 30 days prior to the start of any pre-construction site mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	BM's Quals	At least 30 days prior to the start of pre-construction site mobilization.	1/5/2019	11/1/2018	Completed	11/14/2018									JACOBS	GAL
85	BIO	BIO-3b	CONS/COM /OPS	**Biological Monitor Selection** - The project owner's Designated Biologist shall submit the resumes, at least 3 references and contact information, of the proposed Biological Monitors to the CPM for approval.	Submit the specified information to the CPM for approval no less than 30 days prior to the start of any pre-construction site mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	If Additional BMs are needed during construction	Approval from CPM at least 10 days prior to their first day of monitoring activities.	Conditional	4/9/2019	In Progress	4/18/2019									JACOBS	GAL
86	BIO	BIO-4a	CONS/COM /OPS	**Designated Biologist and Biological Monitor Authority** - The project owner's construction/operation manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources conditions of certification. If required by the Designated Biologist and/or Biological Monitor(s) the project owner's construction/operation manager shall halt all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall (paraphrase)have the authority to stop construction and notify the CPM of the work stoppage.	Ensure that the DB or BM notify the CPM of any non-compliance or halt of construction.	BM Notify CPM	Morning following the incident (or Monday morning in case of a weekend)	Conditional		Not Started										JACOBS	GAL
87	BIO	BIO-4b	CONS/COM /OPS	**Designated Biologist and Biological Monitor Authority** - The project owner's construction/operation manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources conditions of certification. If required by the Designated Biologist and/or Biological Monitor(s) the project owner's construction/operation manager shall halt all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall (paraphrase)have the authority to stop construction and notify the CPM of the work stoppage.	Ensure that the DB or BM notify the CPM of any non-compliance or halt of construction.	Project Owner Notify CPM of circumstances and actions being taken to resolve the problem	Morning following the incident (or Monday morning in case of a weekend)	Conditional		Not Started										SERC	GAL
88	BIO	BIO-5a	PC	**Worker Environmental Awareness Program, Biological Resources** - The project owner shall develop and implement a project-specific Worker Environmental Awareness Program (WEAP) and shall secure approval for the WEAP from the CPM in consultation with USFWS and CDFW. The WEAP shall be administered to all onsite personnel including surveyors, construction engineers, employees, contractors, contractor's employees, supervisors, inspectors, subcontractors, and delivery personnel. The WEAP shall be implemented during site mobilization, ground disturbance, grading, construction, operation, and closure.	No less than 45 days prior to the start of any pre-construction site mobilization, the project owner shall provide to the CPM the proposed WEAP and all supporting written materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s) administering the program.	Draft WEAP	At least 45 days prior to the start of pre-construction site mobilization	11/18/2018	10/18/2018	Completed	12/13/2018										JACOBS	GAL
89	BIO	BIO-5b	PC	**Final WEAP** - See BIO-5a	At least 10 days prior to site and related facilities mobilization, the project owner shall submit two copies of the CPM-approved materials.	Final WEAP	At least 10 days prior to start of site mobilization	12/18/2018	1/10/2019	Completed	1/23/2019										JACOBS	GAL

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90	BIO	BIO-5c	CONS/OPS	**WEAP Training Acknowledgement Forms on File** - See BIO-5a	Workers sign training acknowledgement forms and receive a hardhat sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	Training acknowledgement forms and issue hard hat stickers	Kept on file for six months after commercial operation begins	12/21/2020		In Progress										ARB	GAL
91	BIO	BIO-5d	CONS/OPS	**WEAP Training Acknowledgement Forms on File** - See BIO-5a	Workers sign training acknowledgement forms and receive a hardhat sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	Provide monthly compliance report of number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date	Monthly	Monthly		In Progress										ARB	GAL
92	BIO	BIO-5e	CONS/COM /OPS	**WEAP Training Acknowledgement Forms on File** - See BIO-5a	Workers sign training acknowledgement forms and receive a hardhat sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	Provide annual WEAP training to permanent employees and WEAP training for new employees	Annually for permanent employees, training within 1 week for new employees	Conditional												SERC	DSR
93	BIO	BIO-6a	PC	**Biological Resources Mitigation Implementation and Management Plan (BRMIMP)** - The project owner shall develop a BRMIMP and submit two copies of the proposed BRMIMP to the CPM (for review and approval) and to CDFW and USFWS (for review and comment), if applicable, and shall implement the measures identified in the approved BRMIMP. The BRMIMP shall be prepared in consultation with the Designated Biologist and shall identify items (1) through (14) (See **Decision** for the listed items).	Provide the draft BRMIMP to the CPM at least 45 days prior to start of any pre-construction mobilization.	Draft BRMIMP	At least 45 days prior to the start of pre-construction mobilization	12/21/2018	10/19/2018	Completed	12/13/2018										JACOBS	GAL
94	BIO	BIO-6b	PC/CONS/O PS	**Additional Permits (BRMIMP)** - See BIO-6a If additional permits are received after the BRMIMP is first submitted, provide these to the CPM and submit a revised BRMIMP.	Submit permits not received before the draft BRMIMP is submitted to the CPM. Revised and re-submit the BRMIMP to include discussion of such permits.	Revised BRMIMP	Submit copies to CPM with 5 days of receipt. Provide revised BRMIMP within 10 days of permit receipt	Conditional												JACOBS	GAL
95	BIO	BIO-6c	PC/CONS	**Modifying the BRMIMP** - The project owner shall notify the CPM no less than 5 working days before implementing any modifications to the approved BRMIMP to obtain CPM approval.	Notify the CPM in 5 working days. Any changes to the approved BRMIMP must also be approved by the CPM in consultation with appropriate agencies to ensure no conflicts exist.	Modifications to approved BRMMP	Notify CPM no less than 5 working days before implementing the modificaitons	Conditional		Not Started										SERC	GAL
96	BIO	BIO-6d	CONS	**BRMIMP Monthly Compliance Report** - See BIO-6a. Implementation of BRMIMP measures shall be reported in the monthly compliance reports by the Designated Biologist (i.e., survey results, construction activities that were monitored, species observed).	Document compliance in MCR	MCR	Monthly	Monthly		In Progress										SERC	GAL
97	BIO	BIO-6e	CONS	**BRMIMP Construction Closure Report** - See BIO-6a. Provide a written Construction Closure Report identifying which items of the BRMIMP have been completed, a summary of all modifications to the mitigation measure made during the project's site mobilization, and ground disturbance, grading, and construction phases, and which mitigation and monitoring items are still outstanding.	Submit Construction Closure Report to CPM	Construction Closure Report	Within 30 days of construction completion	5/25/2020		Not Started										JACOBS	GAL
98	BIO	BIO-7a	CONS	**General Impact Avoidance and Mitigation Measures** - Implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See **Decision** for 12 specific measures).	All mitigation measures and their implementation shall be included in the BRMIMP.	Monthly Compliance Report	Monthly	Monthly		In Progress										SERC	GAL
99	BIO	BIO-7b	CONS	**General Impact Avoidance and Mitigation Measures** - Implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See **Decision** for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.	Construction Closure Report (See BIO-6c)	Within 30 days of the completion of construction (CCR), implementation of measures ongoing during construction.	5/8/2020		Not Started										JACOBS	GAL
100	BIO	BIO-8a1	PC/CONS	**Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds - Field Notes** - Pre-construction nest surveys shall be conducted if construction work will occur from February 15 through August 31 The term "work" shall be defined as all site assessment, pre-construction activities, site mobilization, and ground disturbing construction activities. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following guidelines: (See **Decision** for 8 specific guideline items - the following is a brief summary). These include survey within 500 feet of the project boundary. Two pre-construction surveys, separated by a 10-day interval. Conduct surveys no more than 14 days before construction start. One survey within 3 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.	Notify to the CPM, CDFW, and USFWS at least 2 weeks prior to initiating surveys; notification shall include the name and resume of the biologist(s) conducting the surveys and the timing of the surveys.	Provide field notes to CPM and CDFW within 24 hours of survey.	Notify CPM, CDFW, and USFWS 2 weeks before survey.	2/1/2019 or 2/4/2019 5/8/2019 5/22/2019 For Gas Line: 7/31/19	1/22/2019 2/4/2019 7/3/2019 7/3/2019 7/9/2019 8/7/2019 8/21/2019	In Progress	7/3/2019 7/11/2019 8/23/2019						CDFW, USFWS	1/22/2019			JACOBS	GAL

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101	BIO	BIO-8a2	CONS	**Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds - Field Notes** - Pre-construction nest surveys shall be conducted if construction work will occur from February 15 through August 31 The term "work" shall be defined as all site assessment, pre-construction activities, site mobilization, and ground disturbing construction activities. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following guidelines: (See **Decision** for 8 specific guideline items - the following is a brief summary). These include survey within 500 feet of the project boundary. Two pre-construction surveys, separated by a 10-day interval. Conduct surveys no more than 14 days before construction start. Once survey within 3 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.	Notify to the CPM, CDFW, and USFWS at least 2 weeks prior to initiating surveys; notification shall include the name and resume of the biologist(s) conducting the surveys and the timing of the surveys.	Provide field notes to CPM and CDFW within 24 hours of survey.	Provide field notes within 24 hours of survey	1/21/2019 2/1/2019 2/4/2019 2/11/2019 For Gas Line: 8/19/19	1/22/2019 2/1/2019 5/7/19	Completed								CDFW, USFWS			JACOBS	GAL
102	BIO	BIO-8b	CONS	**Preconstruction Nest Survey Letter Report** - (See **Decision** BIO-8a for specific guideline items)	Letter-report to CPM, CDFW, and USFWS describing the findings of the preconstruction nest surveys	Letter report of preconstruction survey findings	Prior to the start of pre-construction mobilization	1/22/2019, 2/2/2019, 2/5/2019 (optional) 2/12/2019 For Gas Line: 8/19/2019	1/28/2019 2/8/2019 2/27/2019 8/16/19	In Progress							CDFW, USFWS	Gas Line: 5/7/19		JACOBS	GAL
103	BIO	BIO-8c	CONS	**Implementation of Nest Surveys and Inclusion in BRMIMP** - (See **Decision** BIO-8a for specific guideline items)	All impact avoidance and minimization measures related to nesting birds shall be included in the BRMIMP and implemented.	Revised BRMIMP (BIO-6)	After pre-construction nesting surveys	Ongoing For Gas Line 9/5/19	N/A	Not Started	N/A									JACOBS	GAL
104	BIO	BIO-8d	CONS	**Monthly Reporting for Preconstruction Nest Surveys** - (See **Decision** BIO-8 for 8 specific guideline items)	Implementation of the measures shall be reported in the MCRs by the Designated Biologist.	MCR	Monthly	Monthly		In Progress										JACOBS	GAL
105	BIO	BIO-9a	CONS	**Jack and Bore Drilling Best Management Practices** - During construction using jack and bore drilling techniques the Designated Biologist or Biological Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to monitor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including but not limited to: (See **Decision** for 6 items)	Notify the CPM and CDFW in the event of a frac-out, non-compliance, or halt of jack-and-bore operations.	Notification of a frac-out to CPM and CDFW	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional	9/13/2019	In Progress	12/10/2019									SERC	GAL
106	BIO	BIO-9b	CONS	**Jack and Bore Drilling Best Management Practices** - During construction using jack and bore drilling techniques the Designated Biologist or Biological Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to monitor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including but not limited to: (See **Decision** for 6 items)	Notify the CPM and CDFW in the event of a frac-out, non-compliance, or halt of jack-and-bore operations.	Notification of any non-compliance or a halt of any jack and bore drilling operations to CPM and CDFW and actions being taken to resolve the problem	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional		Not Started									SERC	GAL
107	CIVIL	CIVIL-1a	PC/CONS	**Drainage Structure Design and Grading Plan** - Submit to the CBO for review and approval the design of the proposed drainage structures and the grading plan; an erosion and sedimentation control plan; a construction storm water pollution prevention plan; related calculations and specifications, signed and stamped by the responsible civil engineer; and soils, geotechnical, or foundation investigations reports required by the 2016 CBC.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Proposed drainage structures and grading plan	At least 15 days prior to the start of site grading	12/18/2018		Completed					1-1.1: 1/17/2019 PC1 1-1.1 2/6/19 PC2 1-1.1 5/24/19 PC3 1-1.2 1/17/2019 PC1 1-1.2 2/6/19 PC2 1-1.2 5/24/19 PC3 1-1.3 1/17/2019 PC1 1-1.3 2/6/19 PC2	1.1: 2/8/19 (conditional) 1.2: 2/8/19 1-1.0 2/8/19 PC2 1-1.1 6/14/19 PC3 1-1.10 2/8/19 PC2 1-1.2 6/14/19 PC3 1-1.3 2/8/19 PC2- 1-1.3 6/14/19 PC3 1.4 2/8/19 PC2 1-1.4 6/14/19 PC3				SERC	TAT
108	CIVIL	CIVIL-1b	PC	**Erosion and Sedimentation Control Plan** - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Erosion and Sedimentation Control Plan	At least 15 days prior to the start of site grading	12/18/2018		Completed					1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT
109	CIVIL	CIVIL-1c	PC	**Construction Stormwater Pollution Prevention Plan** - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Construction Stormwater Pollution Prevention Plan	At least 15 days prior to the start of site grading	12/18/2018		Completed					1/7/2019	2/6/2019				SERC	TAT
110	CIVIL	CIVIL-1d	PC	**Related Calculations and Specs Stamped by Civil Engineer** - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Related Calculations and Specs Signed and Stamped by Responsible Civil Engineer	At least 15 days prior to the start of site grading; and notify CPM in MCR following the CBO's approval	12/18/2018		Completed					1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT
111	CIVIL	CIVIL-1e	PC	**Soils, Geotechnical, or Foundation Reports** - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Soil, Geotechnical, or Foundation Investigation Reports required by the 2016 CBC	At least 15 days prior to the start of site grading	12/18/2018		Completed					Ongoing	2/8/2019				SERC	TAT
112	CIVIL	CIVIL-1f	PC	**Approval of all CIVIL 1a Submittals Noted in MCR** - See CIVIL-1a	Statement in the MCR certifying that the documents (CIVIL-1a) have been approved by the CBO.	MCR	Next MCR after approval by CBO	3/13/2019	3/13/2019	Completed					3/13/19 4/11/19					SERC	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:		Pre- Construction						
2	**All Phases**							6/30/2040							Construction						
3															Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
113	CIVIL	CIVIL-2a	CONS	**Adverse Soil/Geologic Conditions** - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions.	Submit modified plans, specifications, and calculations to CBO	when unforseen adverse soil or geologic conditions are identified by RE	Conditional							Conditional						SERC	GAL
114	CIVIL	CIVIL-2b	CONS	**Adverse Soil/Geologic Conditions** - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	The project owner shall notify the CPM within 24 hours when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions.	Notify CPM of a work stoppage	Notify within 24 hours	Conditional		Not Started										SERC	GAL
115	CIVIL	CIVIL-2c	CONS	**Adverse Soil/Geologic Conditions** - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval	Copy of CBO's approval letter to CPM	Within 24 hours of the CBO's approval to resume work	Conditional		Not Started										SERC	GAL
116	CIVIL	CIVIL-3a	CONS	**Inspections and Discrepancy Reporting** - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO a non-conformance report (NCR), and the proposed corrective action for review and approval.	RE will submit non-conformance report to CBO and proposed corrective action	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional							Conditional						SERC	TLB/TAT
117	CIVIL	CIVIL-3b	CONS	**Inspections and Discrepancy Reporting** - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CPM a non-conformance report (NCR), and the proposed corrective action for review and approval.	RE will submit non-conformance report to CPM and proposed corrective action	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional		Not Started										SERC	TLB/TAT
118	CIVIL	CIVIL-3c	CONS	**Inspections and Discrepancy Reporting** - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO	Project owner shal submit details of corrective action to CBO	within 5 days of resolution of non-compliance report	Conditional							Conditional						SERC	TLB/TAT
119	CIVIL	CIVIL-3d	CONS	**Inspections and Discrepancy Reporting** - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CPM	Project owner shal submit details of corrective action to CBO	within 5 days of resolution of non-compliance report	Conditional		Not Started					Conditional						SERC	TLB/TAT

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:		Pre- Construction						
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
120	CIVIL	CIVIL-3e	CONS	**Inspections and Discrepancy Reporting** - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	A list of NCRs for the reporting month shall also be included in the following monthly compliance report.	MCR	Monthly	Monthly		In Progress										SERC	TLB
121	CIVIL	CIVIL-4a	CONS	**Final Grading Plan Approval** - After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	CBO's approval of final erosion and sedimentation control and drainage work.	Final grading and drainage plans with engineer's signed statement (See **Decision** wording).	Within 30 days of the completion of the erosion and sediment control mitigation and drainage work (or CBO-approved alternative time frame)	5/1/2020		In Progress										POWER	TAT
122	CIVIL	CIVIL-4b	CONS	**Final Grading Plan Approval** - After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	CBO's approval of final erosion and sedimentation control and drainage work.	Project owner shall submit copy of CBO's approval to CPM in next monthly compliance report	Upon CBO approval in next monthly compliance report	5/1/2020		Not Started										SERC	GAL
123	COM	COM-1		**Unrestricted Access** -The project owner shall take all steps necessary to ensure that the CPM, responsible Energy Commission staff, and delegate agencies or consultants, have unrestricted access to the facility site, related facilities, project-related staff, and the records maintained on-site for the purpose of conducting audits, surveys, inspections, or general or closure-related site visits.	Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time, whether such visits are by the CPM in person or through representatives from Energy Commission staff, delegated agencies, or consultants.	NA	Life of the project	Conditional		In Progress					Conditional					SERC	TLB
124	COM	COM-10	PC/CONS/COM/OPS	**Amendments, Staff-Approved Project Modifications, Ownership Changes, and Verification Changes** - The project owner shall petition the Energy Commission, pursuant to Title 20, California Code of Regulations, section 1769, to modify the design, operation, or performance requirements of the project or linear facilities, or to transfer ownership or operational control of the facility. The CPM will determine whether staff approval will be sufficient, or whether Commission approval will be necessary. It is the project owner's responsibility to contact the CPM to determine if a proposed project change triggers the requirements of section 1769. Section 1769 details the required contents for a Petition to Amend an Energy Commission Decision. The only change that can be requested by means of a letter to the CPM is a request to change the verification method of a condition of certification.	A project owner is required to submit a $5,000 dollar fee for every petition to amend a previously certified facility, pursuant to Public Resources Code section 25806(e). If the actual amendment processing costs exceed $5,000.00, the total Petition to Amend reimbursement fees owed by a project owner will not exceed $830,336, adjusted annually. Current amendment fee information is available on the Energy Commission's website at http://www.energy.ca.gov/siting/filing_fees.html.	Petition to amend, fees	Life of the project	Conditional	PTA#1 - Additional Laydown Area - 5/22/2019 PTA#2 - SoCalGas Additional Laydown Area - 8/19/2019	In Progress	6/21/2019	No								SERC	PZC
125	COM	COM-11	PC/CONS/COM/OPS	**Reporting of Complaints, Notices, and Citations** - Prior to the start of construction or closure, the project owner shall send a letter to property owners within one mile of the project, notifying them of a telephone number to contact project representatives with questions, complaints or concerns. If the telephone is not staffed 24 hours per day, it must include automatic answering with date and time stamp recording. (See **Decision** COM-11 for specifications).	The project owner shall respond to all recorded complaints within 24 hours or the next business day. The project owner shall post the telephone number onsite and make it easily visible to passersby during construction, operation, and closure. The project owner shall provide the contact	Reports of complaints	Within 5 business days of complaint receipt, and MCR, ACR, or PCR.	Conditional	12/17/2018	Completed	1/17/2019									SERC	GAL
126	COM	COM-12a	PC/CONS	**Emergency Response Site Contingency Plan** - No less than 60 days prior to the start of construction (or other CPM-approved) date, the project owner shall submit, for CPM review and approval, an Emergency Response Site Contingency Plan. The Contingency Plan shall evidence a facility's coordinated emergency response and recovery preparedness for a series of reasonably foreseeable emergency events.	See **Decision** COM-12 for specifications	Emergency Response Site Contingency Plan	60 days before start of construction	1/21/2019	1/25/2019	Completed	1/29/2019									SERC	TLB
127	COM	COM-12b	COM/OPS	**Emergency Response Site Contingency Plan** - Subsequently, no less than 60 days prior to the start of commercial operation, the project owner shall update (as necessary) and resubmit the Contingency Plan for CPM review and approval. The Contingency Plan shall evidence a facility's coordinated emergency response and recovery preparedness for a series of reasonably foreseeable emergency events.	See **Decision** COM-12 for specifications	Updated Emergency Response Site Contingency Plan	60 prior to COD	1/17/2020	11/2/2018 1/25/2019	In Progress										SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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2	**All Phases**							6/30/2040							Construction						
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
128	COM	COM-13a	CONS/COM /OPS	**Incident-Reporting Requirements** - The project owner shall notify the CPM within one hour after it is safe and feasible, of any incident at the facility that results in (See **Decision** COM-13 for incident types that apply).	In case of forced outage, fire suppression; chemical, gas, or hazmat release; odorous material release; emergency response incident.	Detailed Incident Report	Within 6 business days of the incident	Conditional		Not Started										SERC	GAL
129	COM	COM-13b	CONS/COM /OPS	**Incident-Reporting Requirements** - The project owner shall notify the CPM within one hour after it is safe and feasible, of any incident at the facility that results in (See **Decision** COM-13 for incident types that apply).	After the initial 6-day report, the project owner shall start submitting monthly status reports; within 48-hours of a request by the CPM, the project owner shall submit a status report. Status reports shall include the activities already taken, and those currently being taken, to remedy the impacts of the incident. The CPM will	monthly status reports	monthly after incident	Conditional		Not Started										SERC	GAL
130	COM	COM-14	OPS	**Non-Operation and Repair/Restoration Plan** -No later than two weeks prior to a facility's planned non-operation, or no later than one week after the start of unplanned non-operation, the project owner shall notify the CPM, interested agencies, and nearby property owners of this status. During non-operation, the project owner shall provide written updates to the CPM.			No later than two weeks prior to facility's planned non-operation.	6/16/2040		Not Started										SERC	DSR
131	COM	COM-15	OPS	**Facility Closure Planning** -No less than one year prior to closing, or upon an order compelling permanent closure, the owner shall submit a Final Closure Plan and Cost Estimate.			No less than one year prior to closing, or upon an order compelling permanent closure.	7/1/2039												SERC	DSR
132	COM	COM-2	PC/CONS/C OM/OPS	**Compliance Record** - The project owner shall maintain electronic copies of all project files and submittals on-site, or at an alternative site approved by the CPM, for the operational life and closure of the project.	Energy Commission staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition. Files include Final Decision; Petitions, Amendments	NA	Life of the project	Ongoing		In Progress										SERC	TLB
133	COM	COM-3	PC/CONS/C OM/OPS	**Compliance Verification Submittals** - Verification lead times associated with the start of construction may require the project owner to file submittals during AFC or amendment processing, particularly if construction is planned to commence shortly after certification. The verification procedures, unlike the conditions, may be modified as necessary by the CPM after notice to the project owner.	A cover letter from the project owner or an authorized agent is required for all compliance submittals and correspondence pertaining to compliance matters. (See **Decision** COM-3 for additional specifications).	Verification submittals	Life of the project	Ongoing		In Progress										SERC	GAL
134	COM	COM-4a	PC	**Pre-Construction Matrix and Tasks Prior to Start of Construction.** Prior to construction, the project owner shall submit to the CPM a compliance matrix including only those conditions that must be fulfilled before the start of construction. The matrix shall be included with the project owner's first compliance submittal or prior to the first pre-construction meeting, whichever comes first, and shall be submitted in a format similar to the description below (See **Decision** COM-4 for specifications).	Site mobilization and construction activities shall not start until the following have occurred: 1. the project owner has submitted the pre-construction matrix and all compliance verifications pertaining to pre-construction conditions of certification;	Pre-construction matrix and pre-construction verifications	Before site mobilization	10/19/2018	9/14/2018	Completed	10/19/2018				(Ref Only) 1/7/19						SERC	GAL
135	COM	COM-4b	PC	**Pre-Construction Matrix and Tasks Prior to Start of Construction.** Prior to construction, the project owner shall submit to the CPM a compliance matrix including only those conditions that must be fulfilled before the start of construction. The matrix shall be included with the project owner's first compliance submittal or prior to the first pre-construction meeting, whichever comes first, and shall be submitted in a format similar to the description	Site mobilization and construction activities shall not start until the following have occurred: 2. the CPM has issued an authorization-to-construct letter to the project owner.	Pre-construction matrix and pre-construction verifications	Before site mobilization	12/31/2018	9/14/2018	Completed	10/19/2018				(Ref Only)						SERC	GAL

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136	COM	COM-5a	PC/CONS/OPS	**Compliance Matrix** - The project owner shall submit a compliance matrix to the CPM with each MCR and ACR.	The compliance matrix shall identify the technical area; Condition number; description of the required action or submittal; date required; expected or actual submittal date; compliance status; updated condition language, if amended, and date amended.	Compliance Matrix with MCR	Monthly with MCR and annually with ACR	Monthly		In Progress					Monthly					SERC	GAL
137	COM	COM-5b	PC/CONS/OPS	**Compliance Matrix** - The project owner shall submit a compliance matrix to the CPM with each MCR and ACR.	The compliance matrix shall identify the technical area; Condition number; description of the required action or submittal; date required; expected or actual submittal date; compliance status; updated condition language, if amended, and date amended.	Compliance Matrix with ACR	Annual Compliance Report	12/31/2020		In Progress					Annual					SERC	GAL
138	COM	COM-6	PC/CONS	**Monthly Compliance Report** - The first MCR is due one month following the docketing of the project's Decision unless otherwise agreed to by the CPM. (See **Decision** COM-6 for specifications).	During pre-construction, construction, or closure, the project owner or authorized agent shall submit an electronic searchable version of the MCR to the CPM. MCRs shall be submitted each month until construction is complete and the final certificate of occupancy is issued by the DCBO.	MCR	Monthly, within 10 business days after the end of each reporting month.	Monthly	3/13/19 4/12/19 5/14/19 6/14/19 7/16/19 8/20/19 9/14/19 10/12/19 11/13/19	In Progress					5/15/19 5/15/19 5/15/19 6/17/19 7/17/19 8/14/19 9/14/19 10/14/19 11/13/19					SERC	GAL
139	COM	COM-7	CONS/COM/OPS	**Annual Compliance Report** - After construction is complete, the project must submit searchable electronic ACRs to the CPM, as well as other periodic compliance reports (PCRs) required by the various technical disciplines. ACRs shall be completed for each year of commercial operation and are due each year on a date agreed to by the CPM. Other PCRs (e.g. quarterly reports or	After construction is complete, submit annual compliance reports (ACR) and periodic compliance repotts (PCR)	Submit searchable electronic ACR to CPM, submit PCRs required by the various technical diciplines	Annual Compliance Report	12/31/2020		Not started										SERC	DSR
140	COM	COM-8	PC/CONS/COM/OPS	**Confidential Information** - Any information that the project owner designates as confidential shall be submitted to the Energy Commission's Executive Director with an application for confidentiality, pursuant to Title 20, California Code of Regulations, section 2505(a).	Any information deemed confidential pursuant to the regulations will remain undisclosed, as provided in Title 20, California Code of Regulations, section 2501 et seq.	Request for confidentiality	Life of the project	Ongoing		In Progress										SERC	SAG
141	COM	COM-9	PC/CONS/COM/OPS	**Annual Energy Facility Compliance Fee** - Pursuant to the provisions of section 25806(b) of the Public Resources Code, the project owner is required to pay an annually adjusted compliance fee.	The initial payment is due on the date the Energy Commission dockets its Final Decision. All subsequent payments are due by July 1 of each year in which the facility retains its certification.	Annual Compliance Fee due 7/1 annually: See http://www.energy.ca.gov/siting/filing_fees.html	6/1/2020	Ongoing	11/8/2018 6/6/2019	In Progress	11/9/2018									SERC	GAL
142	CUL	CUL-1a	PC	**Cultural Resources Specialist, Monitors, and Technical Specialist** - The project owner shall assign a Cultural Resources Specialist (CRS) and at least one Alternate CRS to the project. The project owner shall submit the resumes of the proposed CRS and Alternative CRS(s), with at least three references and contact information, to the Energy Commission Compliance Project Manager (CPM) for review and approval. (See **Decision**	At least 75 days prior to the start of ground disturbance, site preparation, or post-certification cultural resources activities.	CRS & Alternates Resume	At least 75 days prior to the start of ground disturbance, site preparation, or post-certification cultural resources activities.	10/19/2018	9/27/2018 3/6/2019 8/12/19	Completed	10/18/2018 3/11/2019 8/12/19									JACOBS	GAL
143	CUL	CUL-1a	PC	**Cultural Resources Specialist, Monitors, and Technical Specialist** - The project owner shall assign a Cultural Resources Specialist (CRS) and at least one Alternate CRS to the project. The project owner shall submit the resumes of the proposed CRS and Alternative CRS(s), with at least three references and contact information, to the Energy Commission Compliance Project Manager (CPM) for review and approval. (See **Decision**	At least 75 days prior to the start of ground disturbance, site preparation, or post-certification cultural resources activities.	CRS & Alternates Resume	At least 75 days prior to the start of ground disturbance, site preparation, or post-certification cultural resources activities.	10/19/2018	9/27/2018 3/6/2019 6/14/19 7/12/19 8/12/19	Completed	10/18/2018 3/11/2019 8/12/19 10/25									JACOBS	GAL
144	CUL	CUL-1b	CONS	**Replacement CRS** - See CUL-1a (CUL-1 Section D.2)	The project owner may replace a CRS. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent CRS is proposed to the CPM for consideration.	Resume, references, and contact information of CRS	At least 10 days working days before termination or release of the CRS	Conditional		Not Started										JACOBS	GAL
145	CUL	CUL-1b	CONS	**Replacement CRS** - See CUL-1a (CUL-1 Section D.2)	The project owner may replace a CRS. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent CRS is proposed to the CPM for consideration.	Resume, references, and contact information of CRS	At least 10 days working days before termination or release of the CRS	Conditional		Not Started										JACOBS	GAL
146	CUL	CUL-1c	PC	**Cultural Resources Monitors and Specialists** - See Cul-1a (CUL-1 Section D.3)	The CRS shall provide proof of qualifications for any anticipated CRMs, NAMs, and additional specialists for the project to the CPM.	Qualifications of CRMs and additional specialists	At least 20 days prior to ground disturbance	12/13/2018	11/16/2018 12/7/18 2/24/19 6/20/2019 7/12/19 8/26/19	Completed	12/3/2018 4/29/19 7/18/2019										JACOBS	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:		Pre- Construction						
2	**All Phases**							6/30/2040							Construction						
3															Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
147	CUL	CUL-1c	PC	**Cultural Resources Monitors and Specialists** - See Cul-1a (CUL-1 Section D.3)	The CRS shall provide proof of qualifications for any anticipated CRMs, NAMs, and additional specialists for the project to the CPM.	Qualifications of CRMs and additional specialists	At least 20 days prior to ground disturbance	12/13/2018	11/16/2018 6/20/2019	In Progress	12/3/2018 7/18/2019									JACOBS	GAL
148	CUL	CUL-1d	PC	**Native American Monitors** - See Cul-1a (CUL-1 Section D.4)	If efforts to obtain the services of a qualified NAM are unsuccessful, the project owner shall inform the CPM.	Communication with CPM documenting efforts to obtain services of a qualified NAM	At least 30 days prior to the beginning of post-certification cultural resources field work or construction-related ground disturbance	12/3/2018	11/16/2018	Completed	12/3/2018									JACOBS	GAL
149	CUL	CUL-1d	PC	**Native American Monitors** - See Cul-1a (CUL-1 Section D.4)	If efforts to obtain the services of a qualified NAM are unsuccessful, the project owner shall inform the CPM.	Communication with CPM documenting efforts to obtain services of a qualified NAM	At least 30 days prior to the beginning of post-certification cultural resources field work or construction-related ground disturbance	12/3/2018	11/16/2018	Completed	12/3/2018									JACOBS	GAL
150	CUL	CUL-1e	PC/CONS	**Additional Cultural Resources and Native American monitors** - See Cul-1a (CUL-1 Section D.5)	The owner may submit qualifications for additional CRMS or NAMs as needed.	Submit qualifications to the CPM for review and approval	At least 5 days prior to the CRMs or NAMS beginning on-site duties	Conditional		In Progress										JACOBS	GAL
151	CUL	CUL-1f	PC/CONS	**Additional Cultural Resources Specialists** - See Cul-1a (CUL-1 Section D.5)	The owner may submit qualifications for cultural resources specialists.	Submit qualifications to the CPM for review and approval	At least 5 days prior to the specialists beginning on-site duties	Conditional	3/6/2019 4/26/2019 8/12/2019	In Progress	3/11/2019 4/29/2019 8/22/2019									JACOBS	GAL
152	CUL	CUL-1g	PC	**New technical specialist** - See Cul-1a - (CUL-1 Section D.6)	Owner must submit resume(s) of any technical specialist to CPM for review and approval	Submit resume(s) to CPM	At least 10 days prior to technical specialist beginning task	Conditional		Not Started										JACOBS	GAL
153	CUL	CUL-1h	PC	**Availability of CRS** - See Cul-1a - (CUL-1 Section D.7)	Owner must confirm in writing that the approved CRS will be available for onsite work and will implement the cultural resources conditions.	Submit letter confirming the availability of the CRS.	At least 10 days before the start of construction related ground disturbance	12/23/2018	1/8/2019	Completed	1/8/2019									JACOBS	GAL
154	CUL	CUL-1i	PC	**CPM Approval of CRS and Alternatives** - See Cul-1a - (CUL-1 Section D.8)	No ground disturbance shall occur prior to CPM approval of CRS and alternatives unless such activites are approved by the CPM	Receive approval letter from CPM	No ground disturbance shall occur without approval	Conditional		Completed										JACOBS	GAL
155	CUL	CUL-1j	CONS	**Discharge the CRS, after receiving approval from the CPM.** - See Cul-1a - (CUL-1 Section A.1.2)	After all ground disturbances are completed and the CRS has fulfilled all responsibilities specified in these cultural resources conditions, the project owner may discharge the CRS, after receiving approval from the CPM.	Submit to request to the CPM to discharge the CRS	After all ground disturbances are completed and the CRS has fulfilled all responsibilities specified in these cultural resources conditions	5/1/2020		Not Started										JACOBS	GAL
156	CUL	CUL-2a	PC	**Construction Maps and Drawings** - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (See **Decision** CUL-2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 40 days prior to the start of construction-related ground disturbance, provide the AFC, data responses, confidential cultural resources documents, and the Energy Commission FSA to the CRS, if needed, and the subject maps and drawings to the CRS and CPM. The CPM will review submittals in consultation with the CRS and approve maps and drawings suitable for cultural resources planning activities.	Documents, maps and drawings	At least 40 days prior to the start of construction-related ground disturbance	11/23/2018	11/19/2018	Completed	12/3/2018										JACOBS	GAL
157	CUL	CUL-2b	PC/CONS	**Revised Maps and Drawings** - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (CUL-2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 15 days prior to the start of construction-related ground disturbance, if there are changes to any construction-related footprint, provide revised maps and drawings for the changes to the CRS and CPM.	Updated maps and drawings	At least 15 days prior to start of construction-related ground disturbance	Conditional		In Progress										JACOBS	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
158	CUL	CUL-2c	CONS	**Construction Phasing** - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (See **Decision** CUL-2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 15 days prior to the start of each phase of a phased project, the project owner shall submit the appropriate maps and drawings, if not previously provided, to the CRS and CPM.	Maps and drawings	At least 15 days prior to the start of a construction phase	Conditional		In Progress											JACOBS	GAL
159	CUL	CUL-2d	CONS	**Construction Schedule** - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (See **Decision** CUL-2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	Provide a schedule of the next week's project activity to the CRS and CPM	Schedule of next week's activities by e-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 construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (See **Decision** CUL-2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	Within 5 days of changing the schedule of phases of a phased project, provide written notice of project changes to the CRS and CPM.	Description of changes in phased project	Within 5 days of changing the scheduling of phases	Conditional												ARB	GAL
161	CUL	CUL-2f	CONS	**Replacement CRS** - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (See **Decision** CUL-2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	If a new CRS is appointed, provide maps and drawings (see CUL-2) to the new CRS.	Documents, maps and drawings	Within 10 days of the approval of the new CRS	Conditional												JACOBS	GAL
162	CUL	CUL-3a	PC	**Cultural Resources Monitoring and Mitigation Plan (CRMMP)** - Submit the Cultural Resources Monitoring and Mitigation Plan (CRMMP), as prepared by or under the direction of the CRS and as described in this condition (See **Decision** CUL-3), to the CPM for review and approval. Implementation of the CRMMP shall be the responsibility of the CRS and the project owner. No ground disturbance shall occur prior to CPM approval of the CRMMP, unless such activities are specifically approved by the CPM.	Upon approval of the CRS proposed by the project owner, the CPM will provide to the project owner an electronic copy of the draft model CRMMP for the CRS. At least 30 days prior to the start of ground disturbance, submit the CRMMP to the CPM for review and approval.	Draft CRMMP	At least 30 days prior to the start of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018									JACOBS	GAL
163	CUL	CUL-3b	PC	**Agreement to Pay Curation Fees** - See CUL-3a	At least 30 days prior to the start of ground disturbance, in a letter to the CPM, agree to pay curation fees for any materials generated or collected as a result of the archaeological investigations (survey, testing, data recovery).	Letter confirming agreement to pay curation fees	At least 30 days prior to the start of ground disturbance	12/3/2018	11/26/2018	Completed	12/18/2018									JACOBS	GAL
164	CUL	CUL-3c	CONS/COM /OPS	**Written Agreement with Curation Facility** - If cultural materials requiring curation were generated or collected, the project owner shall provide to the CPM a copy of an agreement with, or other written commitment from, a curation facility that meets the standards stated in the State Historic Resources Commission's (SHRC) Guidelines for the Curation of Archaeological Collections (1993, or future updated guidelines from SHRC), to accept the cultural materials from this project. Any agreements concerning curation will be retained and available for audit for the life of the project.	Provide a copy of a written agreement with a qualified curation facility.	Written agreement with curation facility	90 days after completion of ground disturbance (including landscaping)	4/1/2020		Not Started									JACOBS	GAL
165	CUL	CUL-4a	CONS/COM /OPS	**Final Cultural Resources Report** - The project owner shall submit the final CRR to the CPM for approval. The final CRR shall be written by, or under the direction of, the CRS and shall be provided in the Archaeological Resource Management Report (ARMR) format. The final CRR shall report on all field activities including dates, times and locations, results, samplings, and analyses. All survey reports, DPR 523 forms, data recovery reports, and any additional research reports not previously submitted to the California Historical Resources Information System (CHRIS) shall be included as appendices to the final CRR.	Submit the CRR to the CPM for review and approval.	Cultural Resource Report	Within 30 days of suspension of construction activities (suspended project)	Conditional		Not Started									JACOBS	GAL
166	CUL	CUL-4b	CONS/COM /OPS	**Final Cultural Resources Report** - The project owner shall submit the final CRR to the CPM for approval. The final CRR shall be written by, or under the direction of, the CRS and shall be provided in the Archaeological Resource Management Report (ARMR) format. The final CRR shall report on all field activities including dates, times and locations, results, samplings, and analyses. All survey reports, DPR 523 forms, data recovery reports, and any additional research reports not previously submitted to the California Historical Resources Information System (CHRIS) shall be included as appendices to the final CRR.	Submit the CRR to the CPM for review and approval.	Cultural Resource Report	Within 90 days of the completion of ground disturbance (completed project)	8/21/2020		Not Started									JACOBS	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
167	CUL	CUL-4c	CONS/COM /OPS	**Documentation sent to CHRIS** - See Cul-4a	Provide final CRR to the California Historical Resources Information System and curation institution (if artifacts curated) and tribes requesting copies.	Cultural Resource Report	Within 10 days after approval of CRR	Conditional		Not Started										JACOBS	GAL
168	CUL	CUL-5a	PC	**Worker Environmental Awareness Program, Cultural Resources** - Prior to and for the duration of construction-related ground disturbance, provide Worker Environmental Awareness Program (WEAP) training, as described in the condition (See **Decision** CUL-5) to all new workers within their first week of employment. No construction-related ground disturbance shall occur prior to implementation of the WEAP program, unless such activities are specifically approved by the CPM.	The CRS shall provide the training program draft text and/or training video, including graphics, and the informational brochure to the CPM for review and approval.	Draft WEAP	At least 30 days prior to the beginning of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018									JACOBS	GAL
169	CUL	CUL-5b	PC	**WEAP training/Training Acknowledgement Form** -See Condition CUL-5a	This is provided by the CPM to the owner	Training Acknowledgement Form	At least 15 days before the beginning of ground disturbance	12/18/2018		Completed										ARB	GAL
170	CUL	CUL-5c	CONS/COM /OPS	**WEAP Training Records in MCR** - See Condition CUL-5a	Provide in the MCR the WEAP Training Acknowledgement forms of the workers who have comleted training in the prior month.	Training Acknowledgement forms for prior month in MCR and running total of all persons who have completed the training.	Monthly until ground disturbance is completed	Monthly	3/13/19 4/12/19 5/14/19 6/14/19 7/16/19 8/20/19	In Progress										SERC	GAL
171	CUL	CUL-6a	PC	**Cultural Resources Monitoring, Letter to Native Americans** - The project owner shall ensure that a CRS, alternate CRS, or CRMs shall be on site for all ground disturbance in areas slated for excavation into non-fill (native) sediments. See **Decision** for specifications on monitors and daily monitoring logs.	Notify all Native Americans on the Native American Heritage Commission's contact list of the date on which the project ground disturbance will begin.	Letter of notification	At least 30 days before the start of ground disturbance	12/3/2018		Completed									JACOBS	GAL
172	CUL	CUL-6b	PC	**Cultural Resources Monitoring, Daily Monitoring Log Form** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The CPM will provide to the CRS an electronic copy of a form to be used as a daily monitoring log and information to be included in the cover sheet for the daily monitoring logs.	Daily monitoring log form and specifications	At least 30 days before the start of ground disturbance.	12/3/2018		Completed									JACOBS	GAL
173	CUL	CUL-6c	CONS/COM	**Cultural Resources Monitoring, Daily Monitoring Log Submittal** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit each day's monitoring logs and cover sheet merged into one PDF document by email within 24 hours.	Daily monitoring logs	Within 24 hours of previous day's monitoring	Daily		In Progress										JACOBS	GAL
174	CUL	CUL-6d	CONS/COM	**Cultural Resources Monitoring, Notification of Non-compliance Incidents** - See **Decision CUL-6a** for specifications on monitors and daily monitoring logs.	The CRS and/or project owner shall notify the CPM of any incidents of non-compliance with the conditions and/or applicable LORS by telephone or email within 24 hours.	Notification of non-compliance incident	Within 24 hours of previous day's monitoring	Conditional	9/24/2019	In Progress	9/27/2019									JACOBS	GAL
175	CUL	CUL-6e	CONS/COM	**Cultural Resources Monitoring, Daily Maps of Artifacts found** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The CRS shall provide daily maps of artifacts along with the daily monitoring logs if more than 10 artifacts are found per day, or as requested by the CPM.	Map of artifact finds (if more than 10 artifacts found)	Daily or as requested by the CPM	Conditional		Not Started										JACOBS	GAL
176	CUL	CUL-6f	CONS/COM	**Cultural Resources Monitoring, Weekly Maps of Artifacts Found:** See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The CRS shall provide weekly maps of artifacts along with the daily monitoring logs if more than 50 artifacts are found per week or as requested by the CPM.	Map of artifact finds (if more than 50 artifacts found or as requested by the CPM)	Within two business days after the end of the week	Conditional		Not Started										JACOBS	GAL
177	CUL	CUL-6g	CONS/COM	**Cultural Resources Monitoring Native American Monitor Employment** - See **Decision** for specifications on monitors and daily monitoring logs.	The project owner shall submit a copy of a request from a Native American group that a Native American Monitor (NAM) be employed.	Copy of a request by a Native American Group's request that a Native American be employed and copy of the response letter identifying the Native American monitor to the group.	Within 15 days of receiving a request from a Native American group that a NAM be employed	Conditional		Not Started										JACOBS	GAL
178	CUL	CUL-6h	CONS/COM	**Cultural Resources Monitoring, Monthly Reports** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit monthly MCRs and accompanying weekly summary reports.	Monthly Status Reports of Monitoring, including any new DPR 523A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Monthly, while monitoring occurs	Monthly		In Progress										JACOBS	GAL

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179	CUL	CUL-6i	CONS/COM	**Cultural Resources Monitoring, Monthly Reports** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit monthly MCRs and accompanying weekly summary reports.	Monthly Status Reports of Monitoring, including any new DPR 523A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Weekly, while monitoring occurs	Weekly		In Progress										SERC	GAL
180	CUL	CUL-6j	CONS/COM	**Cultural Resources Monitoring, Final Updated DPR Forms** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	For sites for which artifacts are collected month after month, final updated DPR forms may be submitted at the completion of monitoring	Final updated DPR forms	At completion of monitoring	Conditional		Not Started										JACOBS	GAL
181	CUL	CUL-6k	CONS/COM	**Cultural Resources Monitoring, Change in Monitoring Level** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for a change in the monitoring level.	Letter or e-mail with justification for changing the monitoring level	At least 24 hours prior to implementing a proposed change in monitoring level	Conditional		Not Started										JACOBS	GAL
182	CUL	CUL-6l	CONS/COM	**Cultural Resources Monitoring, Change in Daily Reporting** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for reducing or ending daily reporting.	Letter or e-mail with justification for changing or ending daily reporting	At least 24 hours prior to reducing or ending daily reporting	Conditional		Not Started										JACOBS	GAL
183	CUL	CUL-6m	CONS/COM	**Cultural Resources Monitoring, Comments of Native Americans** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Copies of comments or information provided by Native Americans	Within 15 days of receiving comments from Native Americans	Conditional	2/5/2019 2/15/2019	Completed	N/A									JACOBS	GAL
184	CUL	CUL-7a	PC	**Powers of the CRS** - The CRS shall have the authority to halt ground disturbance in the event of a discovery. Redirection of ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRS. In the event that a cultural resource over 50 years of age is found (or if, determined exceptionally significant by the CRS), or impacts to such a resource can be anticipated, ground disturbance shall be halted or redirected in the immediate vicinity of the discovery sufficient to ensure that the resource is protected from further impacts. If the discovery includes human remains, the project owner shall comply with the requirements of Health and Human Safety Code § 7050.5(b) and shall additionally notify the CPM and the NAHC of the discovery of human remains. No action with respect to the disposition of human remains of Native American origin shall be initiated without direction from the CPM. Monitoring, including Native American monitoring, and daily reporting, as provided in other conditions, shall continue during the project's ground-disturbing activities elsewhere, while the halting or redirection of ground disturbance in the vicinity of the discovery shall remain in effect until the CRS has visited the discovery, and all of the following have occurred: (See **Decision** for specifications 1-5).	At least 30 days prior to the start of ground disturbance, the project owner shall provide the CPM and CRS with a letter confirming that the CRS, Alternate CRS, and CRMs have the authority to halt ground disturbance in the vicinity of a cultural resources discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning.	Letter of confirmation that the CRS, Alternate CRS, and CRMs have authority to halt ground disturbance	At least 30 days prior to the start of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018								JACOBS	GAL
185	CUL	CUL-7b	CONS/COM	**DPR-523 Forms** (See **Decision** CUL-7 for specifications).	Unless the discovery can be treated prescriptively, as specified in the CRMMP, completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval.	Forms DPR 523	No later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/ recovery, whichever the CRS decides is more appropriate for the subject cultural resource.	Conditional		Not Started										JACOBS	GAL
186	CUL	CUL-7c	CONS/COM	**Inform Native American Groups** (See **Decision** CUL-7 for specifications).	The project owner shall ensure that the CRS notifies all Native American groups that expressed a desire to be notified in the event of a discovery of interest to Native Americans, and the CRS must inform the CPM when the notifications are complete.	Letter to Native Americans and notification to CPM when notifications are complete	Within 48 hours of the discovery of a resource of interest to Native Americans	Conditional		Not Started										JACOBS	GAL
187	CUL	CUL-7d	CONS/COM	**Provide Reports and Records to Native American Groups** (See **Decision** CUL-7 for specifications).	The project owner shall submit to the CPM copies of the information transmittal letters sent to the chairpersons of the Native American tribes or groups who requested the information. Additionally, the project owner shall submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.	Copies of transmittal letters to Native American tribes and copies of letters of subsequent responses to Native American requests	No later than 30 days following the discovery of any Native American cultural materials	Conditional		Not started										JACOBS	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:	Pre- Construction							
2	**All Phases**							6/30/2040						Construction							
3														Commissioning							
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**								Operations							
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
188	CUL	CUL-7e	CONS/COM	**Comments or Information Provided by Native Americans** (See **Decision** CUL-7 for specifications).	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Copies of Native American comments and information in response to owner transmittals of information.	Within 15 days of receiving comments from Native Americans	Conditional		Not started										JACOBS	GAL
189	CUL	CUL-8a	CONS	**Fill Soils, Borrow or Fill Site Documentation** - If fill soils must be acquired from a non-commercial borrow site or disposed of to a non-commercial disposal site, unless less-than-five-year-old surveys of these sites for archaeological resources are provided to and approved by the CPM, the CRS shall survey the borrow or disposal site(s) for cultural resources and record on DPR 523 forms any that are identified. When the survey is completed, the CRS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow site, the project owner must either select another borrow or disposal site or implement CUL-7 prior to any use of the site. The CRS shall report on the methods and results of these surveys in the final CRR.	The owner shall notify the CRS and CPM and provide documentation of previous archaeological survey, if any, dating within the past five years, for CPM approval.	Notification to the CPM of the use of a non-commercial borrow site and documentation of previous archaeological survey.	As soon as the project owner knows that a non-commercial borrow site will be used	3/28/2019	3/28/2019	Completed	3/29/2018										JACOBS	GAL
190	CUL	CUL-8b	CONS	**Fill Soils, Cultural Resources Survey** - In the absence of documentation of recent archaeological survey, at least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites, the CRS shall survey the site(s) for archaeological resources.	The CRS shall notify the project owner and the CPM of the results of the cultural resources survey, with recommendations, if any, for further action.	Results of the cultural resources survey and CRS recommendations for further action, if needed.	At least 30 days before any soil borrow or disposal activities take place on the non-commercial borrow/ disposal site	3/29/2019	3/29/2019	Completed	3/29/2019										JACOBS	GAL
191	ELEC	ELEC-1a	CONS	**Electrical Systems Design Plans and Specifications** - Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. (See **Decision** ELEC-1 for specifications)	The project owner shall submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Design plans, specifications, and calculations and compliance statement to CBO with copy to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction	Ongoing		In Progress						1-1.0: 1/23/19 1-2.0: 2/4/2019 1-3.0: 1/23/19 1-4.0: 1/29/19 1-5.0: 3/4/19 1-6.0: 3/22/19 1-7.0: 3/6/19 1-8.0: 5/20/19 1-9.0: 1-10.0: 3/29/19 1-11.0: 1-12.0: 5/20/19 1-13.0 7/24/19 SI-013 PC1 1-13.0 7/26/19 SI-014 PC1	1-1.0: 5/3/19 1-2.0: 2/15/19 1-3.0: 2/6/2019 1-4.0: 2/8/19 1-5.0: 3/14/19 1-6.0: 4/5/19 1-7.0: 3/20/19 1-8.0: 6/3/19 1-9.0: 1-10.0: 4/16/19 1-11.0 1-12.0: 6/3/19 1-13.0 8/14/19 PCF				SERC	TAT
192	ELEC	ELEC-1b	CONS/COM	**Electrical Systems Design Plans and Specifications** - Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. (See **Decision** ELEC-1 for specifications)	The project owner shall submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Monthly Compliance Report, Include: receipt or delay of major equipment, testing or energizing of major electrical equipment, and signed statement by registered electrical engineer certifying that the proposed final desing plans and specifications conform to requirements set forth by CEC decision	Monthly	Monthly	3/13/19 4/11/19 5/14/19 6/14/19 7/17/19 8/14/19 9/15/19 10/14/19 11/14/19 12/15/19	In Progress												SERC	GAL
193	GEN	GEN-1a	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 CBO when 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 and a specific requirement, the specific 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.	The project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design.	Statement of verification signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design to CPM	Within 30 days following receipt of the certificate of occupancy from CBO	7/24/2020		Not started											POWER	TAT

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1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:		Pre- Construction						
2	**All Phases**							6/30/2040							Construction						
3															Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
194	GEN	GEN-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 CBO when 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 and a specific requirement, the specific 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.	The project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design.	A copy of the Certificate of Occupancy to CPM	Within 30 days following receipt of the certificate of occupancy from CBO	7/24/2020		Not Started										SERC	GAL
195	GEN	GEN-1c	OPS	**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 CBO when 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 and a specific requirement, the specific 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.	Once certificate of occupancy has been issued, the project owner shall inform the CPM at least 30 dyas prior to any construction, addition, alteration, moving, demolition, repair, or maintenance to be performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to approve the work.	Notice of construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Inform the CPM within 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Conditional		Not Started										SERC	DSR
196	GEN	GEN-2a	PC	**Schedule of Drawings, Master Drawings, Specification Lists** - Before submitting the initial engineering designs for CBO review, provide the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list, as specified in this condition (See **Decision** GEN-2). The schedule shall contain the date of each submittal to the CBO. To facilitate audits by Energy Commission staff, provide specific packages to the CPM upon request.	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO and to the CPM the schedule, and the master drawings and master specifications list of documents to be submitted to the CBO for review and approval. These documents shall be the pertinent design documents for the major structures, systems, and equipment defined in this condition. Major structures and equipment shall be added to or deleted from the list only with CPM approval.	Schedule, Master Drawings & Specifications Lists	At least 60 days prior to the start of rough grading.	11/3/2018	11/2/2018	Completed	11/20/2018					2.1 Updated Sched of Dwgs, Equip & Sub1/18/2019	2.1 Approved 1/23/19					POWER	TAT
197	GEN	GEN-2b	PC/CONS	**Updates to Drawings and Lists** - See GEN-2a	Provide Updates to Schedule of Drawings and Specification Lists updates in the MCR	Schedule updates	Monthly	Monthly		In Progress					1/18/2019	1/23/2019				SERC	GAL
198	GEN	GEN-3a	PC/CONS/COM	**Payment of CBO** - Make payments to the CBO (made to the Energy Commission) for design review, plan checks, and construction inspections and other applicable CBO activities, based on a reasonable fee schedule to be negotiated between the project owner and the CBO. If the Energy Commission delegates the CBO function to a third party or local agency, the project owner, at the Energy Commission's direction, shall make payments directly to the DCBO based upon a fee schedule negotiated between the Energy Commission and the DCBO. These fees may be consistent with the fees listed in the 2016 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	The project owner shall make the required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	CBO monthly payments	Monthly	Monthly		In Progress					Monthly					SERC	RRF/JLJ

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
198	GEN	GEN-3b	PC/CONS/COM	**Payment of CBO** - Make payments to the CBO (made to the Energy Commission) for design review, plan checks, and construction inspections and other applicable CBO activities, based on a reasonable fee schedule to be negotiated between the project owner and the CBO. If the Energy Commission delegates the CBO function to a third party or local agency, the project owner, at the Energy Commission's direction, shall make payments directly to the DCBO based upon a fee schedule negotiated between the Energy Commission and the DCBO. These fees may be consistent with the fees listed in the 2016 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	The project owner shall make the required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	Copy of CBO's Receipt of Payment with the MCR	Monthly	Monthly		In Progress										SERC	GAL
200	GEN	GEN-4a	PC	**Resident Engineer** - Prior to the start of rough grading, assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project. The RE or his/her delegate(s) shall be responsible for the elements listed in this condition (see **Decision** GEN-4).	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project.	RE Resume & Registration Number	At least 30 days prior to the start of rough grading	12/3/2018	1/18/2019	Completed	N/A									SERC	TAT
201	GEN	GEN-4b	PC/CONS	**Approval of RE** - See GEN-4a	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	12/8/2018	1/18/2019	In Progress										SERC	TAT
202	GEN	GEN-4c	PC/CONS	**Approval of Newly Assigned RE** - See GEN-4a	Submit new resume and registration number CBO for review and approval	Notification to CBO	Within 5 days of receiving the new resume and registration number	Conditional		Completed					Power: 12/24/2018 Jacobs: 12/24/2018 2/6/19 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 2/12/19 NVS: 3/4/2019				SERC	TAT
203	GEN	GEN-4d	PC/CONS	**Notification of Newly Assigned RE** - See GEN-4a	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	Conditional	2/6/2019	In Progress										SERC	GAL
204	GEN	GEN-5a	PC	**Registered Engineers** - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See **Decision** GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist	At least 30 days prior to the start of rough grading	12/3/2018		Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
205	GEN	GEN-5b	PC	**Approval of Responsible Engineers** - See GEN-5a	Notify the CPM of the CBO's approvals of the Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist within five days of the approval.	Notification to CPM	Within 5 days of the approval	12/8/2018	1/18/2019 4/11/2019	In Progress										SERC	TLB
206	GEN	GEN-5c	PC	**Registered Engineers** - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See **Decision** GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for responsible design engineer, mechanical engineer, and electrical engineer	At least 30 days prior to the start of construction	1/5/2019		Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
207	GEN	GEN-5d	PC	**Approval of Responsible Engineers** - See GEN-5a	Notify the CPM of the CBO's approvals of theresponsible design engineer, mechanical engineer, and electrical engineer within five days of the approval.	Notification to CPM	Within 5 days of the approval	1/18/2019		In Progress										SERC	TLB
208	GEN	GEN-5e	CONS	**Reassignment of Designated Engineer** - See GEN-5a	Notify the CPM and CBO if a designated responsible engineer is reassigned or replaced.	Engineer Resumes and registration number	Within 5 days of re-assignment	Conditional		Not Started					Conditional					SERC	GAL/TAT
209	GEN	GEN-5f	CONS	**Approval of Replacement Engineers** - See GEN-5a	Notify the CPM of the CBO's approvals of the reassigned engineers within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional	4/11/2019	Completed	4/11/2019									SERC	GAL
210	GEN	GEN-6a	CONS	**Special Inspector Assignment** - Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2016 CBC. A certified weld inspector, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). (See **Decision** GEN-6 for additional specifications)	Assign certified and qualified special inspectors for special inspections required by the 2016 CBC.	Submit names and qualifications of certified special inspectors to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing		In Progress					PC1: 1/16/19 PC2: 1/28/19 6-1.1.0 8/15/19 6-2.1.6 8/16/19 6-3 10/14/19 6-4.0 PC1 12/12/19	PC1: 1/17/19 PC2: 1/29/19 6-3 10/16/19 6-1.1.0 8/16/19 6-4.0 PC1 12/17/19				ARB	TLB

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2	**All Phases**							6/30/2040							Construction						
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4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
211	GEN	GEN-6aa	CONS	**Special Inspector Assignment** - Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2016 CBC. A certified weld inspector, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). (See **Decision** GEN-6 for additional specifications)	Assign certified and qualified special inspectors for special inspections required by the 2016 CBC.	Copy to the CPM the names and qualifications of certified special inspectors submitted to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing													TLB
212	GEN	GEN-6b	CONS	**Approval of Inspectors** - See GEN-6a	Submit a copy of the CBO's approval of inspectors	Submit copies of CBO approvals in the MCR	Monthly	Monthly		In Progress										ARB	TLB
213	GEN	GEN-6c	CONS	**Reassignment of Inspectors** - See GEN-6a	Notify the CPM and CBO if a designated special inspector is reassigned or replaced.	Names and qualifications of certified special inspectors to the CBO for approval	Within 5 days of re-assignment	Conditional		Not Started					Conditional						TLB
214	GEN	GEN-6d	CONS	**Approval of Replacement Inspectors** -See GEN-6a	Notify the CPM of the CBO's approvals of the new special inspectors within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional		Not Started										ARB	TLB
215	GEN	GEN-7a	CONS/COM	**Design Discrepancy Correction** - If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition of certification and, if appropriate, applicable sections of the CBC and/or other LORS.	Transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the monthly compliance report.	Copy of CBO's approval in the MCR	Monthly	Monthly		Not Started										SERC	GAL
216	GEN	GEN-7b	CONS/COM	**Notification of Correction Disapproval** - See GEN-7a	If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	Notify CPM and provide revised corrective action	Within 5 days of CBO disapproval of corrective action	Conditional		Not Started										SERC	GAL
217	GEN	GEN-8a	CONS	**CBO Inspection and Approval** - The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site, or at another accessible location, during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-built shall be provided to the CBO for retention by the CPM.	The project owner shall submit to the CBO, with a copy to the CPM in the next monthly compliance report, After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	Submit to the CBO a written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved plans.	Within 15 days of the completion of any work	Conditional		In Progress										SERC	GAL
218	GEN	GEN-8aa	CONS	**CBO Inspection and Approval** - The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site, or at another accessible location, during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-built shall be provided to the CBO for retention by the CPM.	The project owner shall submit to the CBO, with a copy to the CPM in the next monthly compliance report, After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	Copy to the **CPM** of the submittal to the CBO a written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved plans.	Monthly as completed	Monthly		In Progress											
219	GEN	GEN-8b	CONS	**Plan and Specification Storage** - See GEN-8a	After storing the final approved engineering plans, specifications, and calculations described above, submit a letter to the CPM .	Letter stating both that the documents have been stored and the storage location of those documents.	After storage is in place	Conditional		Not started										SERC	GAL
220	GEN	GEN-8c	CONS	**Plan and Specification Archive Copies**- See GEN-8a	The project owner shall provide to the CBO three sets of electronic copies of the engineering plans, specifications, and calculations at the project owner's expense.	"Read only" (Adobe .pdf 6.0 or newer version) files, with restricted (password-protected) printing privileges, on archive quality compact discs.	Within 90 days of the completion of construction	8/21/2020		Not Started										SERC	TAT

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1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:		Pre- Construction						
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3															Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
221	GEO	GEO-1a	PC	**Soils Engineering Report** - A Soils Engineering Report, as required by Section 1803 of the California Building Code (CBC, 2016), or its successor in effect at the time construction of the project commences, shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity; liquefaction; dynamic compaction; compressible soils; corrosive soils; and ground rupture due to faulting. In accordance with the CBC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potential geologic hazards, if present). In accordance with the California Business and Professions Code, the appropriate qualified California licensed individual(s) is required to sign and seal the Soils Engineering Report.	The project owner shall include in the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils: and ground rupture due to faulting, and a summary of how the results of the analyses were incorporated into the project's foundation and grading plan design for review and comment by the delegate chief building official (CBO). The project owner shall provide to the CPM a copy of the Soils Engineering Report, application for grading permit and any comments by the CBO at least 60 days prior to grading.	Submit Copy of the Soils Engineering Report, application for grading permit to CBO for comments	90 days before grading	11/3/2018	[redacted]	Completed	[redacted]				1-1.0: 1/7/19 1-4.0:1/7/19	1-1.0: 2/1/19 1-4.0: 2/1/19				NV5	TAT
222	GEO	GEO-1b	PC	**Soils Engineering Report** - A Soils Engineering Report, as required by Section 1803 of the California Building Code (CBC, 2016), or its successor in effect at the time construction of the project commences, shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity; liquefaction; dynamic compaction; compressible soils; corrosive soils; and ground rupture due to faulting. In accordance with the CBC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potential geologic hazards, if present). In accordance with the California Business and Professions Code, the appropriate qualified California licensed individual(s) is required to sign and seal the Soils Engineering Report.	The project owner shall include in the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils: and ground rupture due to faulting, and a summary of how the results of the analyses were incorporated into the project's foundation and grading plan design for review and comment by the delegate chief building official (CBO). The project owner shall provide to the CPM a copy of the Soils Engineering Report, application for grading permit and any comments by the CBO at least 60 days prior to grading.	Submit Copy of the Soils Engineering Report, application for grading permit, and CBO comments to CPM	60 days before grading	12/3/2018	11/2/2018	Completed	11/26/2018									SERC	GAL
223	HAZ	HAZ-1	OPS	**Hazardous Materials Management -** The project owner shall not use any hazardous materials not listed in Appendix B, below, or in greater quantities or strenghts than those identified by chemical name in Appendix B, below, unless approved in advance by the compliance project manager (CPM).	The project owner shall provide to the COM, in the Annual Compliance Report, the Hazardous Materials Business Plan's list of hazardous materials and quantities contained at the facility.	Submit Hazardous Materials Business Plan in the Annual Compliance Report.	Annual Compliance Report	12/31/2020		Not Started										SERC	DSR
224	HAZ	HAZ-2a	CONS	**HMBP and SPCC** - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	Prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of the HMBP and SPCC to the CPM for review.	HMBP, SPCC and RMP to CPM for review	Approximatly 60 days before receiving hazardous materials on site	7/20/2019	8/2/2019	Completed	9/12/2019 10/14/19				1-1.0 8/6/19 PC1 2-3.0 8/6/19 PC1	10/16/2019				SERC	DSR
225	HAZ	HAZ-2aa	CONS	**HMBP and SPCC** - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	Prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of the HMBP and SPCC to the CPM for review.	HMBP, SPCC and RMP to CPM for review	Approximatly 60 days before receiving hazardous materials on site	7/29/2019	[redacted]	Completed	[redacted]						OCEHD	8/2/2019				
226	HAZ	HAZ-2ab	CONS	**Final HMBP and SPCC** - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	At least 30 days prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of a final HMBP and SPCC to the CPM for approval.	HMBP and SPCC to OCEHD for review	At least 30 days before receiving hazardous materials on site	7/29/2019	9/27/2019	Completed	10/14/2019				2-1.1 8/6/19 2-3 PC1 8/6/19 2-3 9/26/19 1-1.0 8/6/19 PC1 2-3.0 8/6/19 PC1	2-1.1 9/4/19 2-3 PC1 9/4/19 2-3 10/15/19 1-1.0 10/16/19					

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
227	HAZ	HAZ-2ac	CONS	**Final HMBP and SPCC** - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	At least 30 days prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of a final HMBP and SPCC to the CPM for approval.	HMBP and SPCC to OCEHD for review	At least 30 days before receiving hazardous materials on site	7/29/2019	[redacted]	Completed	[redacted]						OCEHD	9/24/2019	7-Nov		
228	HAZ	HAZ-2b	CONS	**Final Risk Management Plan** - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to Certified Unified Program Agency (the Orange County Environmental Health Division)	At least 30 days before delivery of aqueous ammonia on site	7/29/2019	10/25/2019	Completed	11/12/2019									SERC	DSR
229	HAZ	HAZ-2c	CONS	**Final Risk Management Plan** - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to CPM for approval	At least 30 days before delivery of aqueous ammonia on site	10/20/2019	[redacted]	Completed	[redacted]				10/24/2019	10/16/2019				SERC	DSR
230	HAZ	HAZ-2c	CONS	**Final Risk Management Plan** - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to CUPA for information	At least 30 days before delivery of aqueous ammonia on site	10/20/2019		Completed							OCEHD	10/24/2019	7-Nov		
231	HAZ	HAZ-3	CONS/COM	**Aqueous Ammonia Safety Management Plan** - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain lockout control by a power plant employee not involved in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	Safety Management Plan to CPM	At least 30 days before delivery of any liquid hazardous material to the facility	10/20/2019	9/27/2019	Completed	10/10/2019									SERC	DSR
232	HAZ	HAZ-3a	CONS/COM	**Aqueous Ammonia Safety Management Plan** - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain lockout control by a power plant employee not involved in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	Safety Management Plan to CBO	At least 30 days before delivery of any liquid hazardous material to the facility		[redacted]	Completed	[redacted]				9/30/2019	10/15/2019				SERC	DSR
233	HAZ	HAZ-4	CONS	**Ammonia Storage Tank Design** - The aqueous ammonia storage facility shall be designed to the ASME Code for Unfired Pressure Vessels, Section VIII, Division 1. The storage tank shall be protected by a secondary containment that drains to an underground vault via (3) 1.25 square foot openings capable of holding precipitation from a 24-hour, 25-year storm event plus 100 percent of the capacity of the largest tank within its boundary. The storage tank shall have ammonia detectors positioned to detect an ammonia leak or loss of containment. The final design drawings and specifications for the ammonia storage tank, secondary containment basin, and underground vault shall be submitted to the CPM.	The project owner shall submit final design drawings and specifications for the ammonia storage tank, ammonia pumps, ammonia detectors around the ammonia storage tank, secondary containment basin, and underground vault to the CPM for review and approval (copy CBO)	Final design drawings for the ammonia storage and transfer facility	At least 30 days before construction of the ammonia storage and transfer facility	10/20/2019	3/15/2019 4/29/2019 (CBO approval transmitted to CPM)	Completed	4/30/2019				3/14/2019 (reference only)	4/29/2019				POWER	GAL
234	HAZ	HAZ-5	CONS	**Transport Vehicle Specifications** - The project owner shall direct all vendors delivering aqueous ammonia to the site to use only tanker truck transport vehicles that meet or exceed the specifications of MC-307/DOT-407.	The project owner shall submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	Copies of notification letter to supply vendors	At least 30 days prior to receipt of aqueous ammonia on site	10/20/2019	8/7/2019 9/30/19	Completed	10/8/2019									SERC	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
235	HAZ	HAZ-6a	CONS	**HazMat Transport Route Restrictions** - Prior to initial delivery, the project owner shall direct vendors delivering bulk quantities (>800 gallons per delivery) of hazardous material (e.g., aqueous ammonia, lubricating and insulating oils) to the site to use only the route approved by the CPM (from State Route 91, exiting on Beach Boulevard and traveling south to Katella Avenue, then east on Katella Avenue and turn left and head north on Dale Avenue to the Stanton entrance). The project owner shall obtain approval of the CPM if an alternate route is desired.	The project owner shall submit a copy of the letter containing the route restriction directions that were provided to the hazardous materials vendor to the CPM for review and approval.	Copy of the letter containing route restriction directions for hazardous materials vendor.	At least 60 days prior to initial receipt of bulk quantities (>800 gallons per delivery) of hazardous materials (e.g., aqueous ammonia, lubricating and insulating oils)	10/20/2019	8/7/2019 9/30/2019	Completed	8/22/2019 10/8/19				8/22/2019	8/30/2019	GE Prolec Hill Bro AirGas	8/7/2019 9/30/2019 9/30/2019	8/7/2019	SERC	GAL
236	HAZ	HAZ-6b	CONS/OPS	**Route Restrictions, New Vendor** - See HAZ-6a	The project owner shall submit a copy of the letter containing the route restriction directions that were provided to **any new designated hazardous materials vendor** to the CPM for review and approval.	Copy of the letter containing route restriction directions for the **new hazardous materials vendor**.	At least 10 days prior to a new vendor delivery of bulk quantities (>800 gallons per delivery)	Conditional		Not Started					(Ref Only) Conditional					SERC	GAL
237	HAZ	HAZ-7	PC	**Construction Site Security Plan** - Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. (See **Decision** HAZ-7 of six items/specifications).	At least 30 days prior to commencing construction, notify the CPM that a site-specific Construction Security Plan is available for review and approval.	Site-specific Construction Security Plan	At least 30 days prior to commencing construction	12/3/2018	11/20/2018	Completed	1/25/2019				1/21/2019	1/28/2019				SERC	GAL
238	HAZ	HAZ-8a	CONS/OPS	**Operations Site Security Plan** - The project owner shall also prepare a site-specific security plan for the commissioning and operational phases that would be available to the CPM for review and approval. The project owner shall implement site security measures that address physical site security and hazardous materials storage. The level of security to be implemented shall not be less than that described below (as per NERC Security Guideline for the Electricity Sector: Physical Security v2.0). See **Decision** HAZ-8 for nine items/specifications.	The project owner shall notify the CPM that a site-specific operations site security plan is available for review and approval.	Operations Security Plan	At least 30 days prior to the initial receipt of hazardous materials on site	7/20/2019	4/30/2019 (Castle Spike Topper Only) 8/9/2019 9/18/2019	Completed	5/16/2019 (Castle Spike Topper Only) 8/9/2019 11/26/2019									SERC	GAL
239	HAZ	HAZ-8b	OPS	**Operations Site Security Plan** - The project owner shall also prepare a site-specific security plan for the commissioning and operational phases that would be available to the CPM for review and approval. The project owner shall implement site security measures that address physical site security and hazardous materials storage. The level of security to be implemented shall not be less than that described below (as per NERC Security Guideline for the Electricity Sector: Physical Security v2.0). See **Decision** HAZ-8 for nine items/specifications.	Project Owner shall include signed statements similar to Attachment A and Attachment B that all current project employee and appropriate contractor background investigations have been performed, and that updated certification statements have been appended to the operations security plan in Annual Compliance Report. Project Owner shall include a signed statement similar to Attachment C that the operations security plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations	Signed statements similar to Attachment A, Attachment B, and Attachment C	Annual Compliance Report	12/31/2020		Not Started										SERC	GAL
240	HAZ	HAZ-9	CONS/OPS	**Fuel Gas Pipe Cleaning** - The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve "flammable gas blows" where natural (or flammable) gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non-flammable gas (e.g. air, nitrogen, steam) or mechanical pigging, shall be used as per the latest edition of NFPA 56, Standard for Fire and Explosion Prevention during Cleaning and Purging of Flammable Gas Piping Systems. A written procedure shall be developed and implemented as per NFPA 56, section 4.4.1.	The project owner shall submit a copy of the Fuel Gas Pipe Cleaning Work Plan (as described in the 2014 NFPA 56, section 4.4.1) which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the CBO for information and to the CPM for review and approval.	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before any fuel gas pipe cleaning activities begin	11/27/2019	12/15/2019	Completed	12/19/2019					12/15/2019	12/31/2019				SERC	DSR

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241	MECH	MECH-1a	CONS	**Plant Piping and Plumbing System Plans**- The project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations for each plant major piping and plumbing system listed in the CBO-approved master drawing and master specifications list. The submittal shall also include the applicable quality assurance/ quality control (QA/QC) procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable laws, ordinances, regulations and industry standards. (See **Decision** MECH-1 for specifications)	The project owner shall submit to the CBO for design review and approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Final plans, specifications, and calculations and certification of compliance to CBO for review and approval	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of major piping or plumbing construction listed in the CBO-approved master drawing and master specifications list	Ongoing		In Progress					1.1: 2/6/2019 1.2: 2/8/19 1.3: 2/11/19 1.4: 3/1/19 1.5:4/4/19 1.6: 6/10/19 1.6 6/29/19 1.7 6/20/19 1-4.0 5/31/19 1-6.0 6/10/19 PC1 1-10 7/23/19 PC1	1.1 : 2/26/19 1.2: 5/16/19 1.3: 5/7/19 1.4: 3/11/19 conditional 1.5: 5/7/19 1.6: 6/10/19 PC1 1.6: 6/25/19 PCF 1.7 7/16/19 PCF 1-4.0 6/19/19 PCF 1-6.0 619/19 PC1				Power	TAT
242	MECH	MECH-1b	CONS	**Plant Piping and Plumbing System Plans**- The project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations for each plant major piping and plumbing system listed in the CBO-approved master drawing and master specifications list. The submittal shall also include the applicable quality assurance/ quality control (QA/QC) procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable laws, ordinances, regulations and industry standards. (See **Decision** MECH-1 for specifications)	The project owner shall submit to the CBO for design review and approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Send the CPM a copy of the transmittal letter in the next monthly compliance report.	Monthly Compliance Report (one time)	Monthly		In Progress											SERC	GAL
243	MECH	MECH-1c	CONS	**CBO Approvals, Piping and Plumbing** - See MECH-1a	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Copy of transmittal letters and copies of CBO inspection approvals in MCR.	Monthly	Monthly		In Progress											SERC	GAL
244	MECH	MECH-2a	CONS	**Pressure Vessel Installation** - For all pressure vessels installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by applicable LORS. Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of that installation. (See **Decision** MECH-2 for additional specifications).	The project owner shall **submit to the CBO** for design review and approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	Submit to the CBO for design review and approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of on-site fabrication or installation of any pressure vessel the project owner shall **submit to the CBO for design review and approval, the above listed documents, including a copy of the signed and stamped engineer's certification**, with a copy of the transmittal letter to the CPM.	11/9/2019		Not Started					9/27/2019	2-1.0 PC1 10/16/19				Power	TAT
245	MECH	MECH-2b	CONS	**Pressure Vessel Installation** - For all pressure vessels installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by applicable LORS. Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of that installation. (See **Decision** MECH-2 for additional specifications).	The project owner shall submit to the CBO for design review and approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the **transmittal letter to the CPM**.	A copy of the **transmittal letter to the CPM** of the Design documents to CBO	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of on-site fabrication or installation of any pressure vessel	11/9/2019	10/26/2019	In Progress												
246	MECH	MECH-2c	CONS	**CBO and Cal-OSHA Inspections and Approvals, Pressure Vessels, MCR** - See MECH-2a	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals.	Transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals	Monthly	Monthly		Not Started											SERC	GAL

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247	MECH	MECH-3a	PC/CONS	**HVAC Plans** - The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. (See **Decision** MECH-3 for additional specifications).	The project owner shall submit to the CBO the required HVAC and refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	Calculations, plans, and specification, and **statement of compliance to CBO**	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system	10/7/2019		Completed					3-1.0 7/10/19 PC1 3-1.1 7/10/19 PC1 3-1.2 7/10/19 PC1 3-1.3 7/10/19 PC1 3-1.4 7/10/19 PC1 3-2.0 7/16/19 PC1 3-2.1 7/10/19 PC1 3-2.2 7/16/19 PC1 3-2.3 6/25/19 PC1 3-2.4 4/1/19 PC1 3-2.5 4/4/19 PC1					SERC	JBM
248	MECH	MECH-3b	PC/CONS	**HVAC Plans** - The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. (See **Decision** MECH-3 for additional specifications).	The project owner shall submit to the CBO the required HVAC and refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	Calculations, plans, and specification, and statement of compliance to CBO, **with a copy of the transmittal letter to the CPM**	At least 30 days (or project owner- and SPM-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system	10/7/2019	10/25/2019	In Progress	9/16/19 CEMS 10/7/19 PDM CM SPM										SERC	JBM
249	NOISE	NOISE-1a	PC	**Public Notification Process** - Prior to the start of ground disturbance, the project owner shall notify all residents within one mile of the project site and one-half mile of the linear facilities, by mail or by other effective means, of the commencement of project construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project. If the telephone is not staffed 24 hours a day, the project owner shall include an automatic answering feature, with date and time stamp recording, to answer calls when the phone is unattended. This telephone number 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 operational for at least one year.	The project owner shall transmit to the CPM a statement, signed by the project owner's project manager, stating that the notification to residents within one mile of the project has been performed, and describing the method of that notification.	Public notice to residents	At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/17/2018										JACOBS	GAL
250	NOISE	NOISE-1b	PC	**Telephone Number Confirmation** - See NOISE-1a	Transmit to the CPM a statement, signed by the project owner's project manager, stating that the telephone number has been established and posted at the site, and providing that telephone number.	Confirmation of that the telephone number has been established and posted at the site.	At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/21/2018										SERC	GAL
251	NOISE	NOISE-2a	CONS/COM /OPS	**Noise Complaint Process** - Throughout the construction and the full term of operation, including facility closure, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. See **Decision** NOISE-2 for specifications.	File with the CPM a Noise Complaint Resolution Form that documents the resolution of the complaint.	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	4/9/2019	4/9/2019	Completed	4/9/2019										SERC	GAL
252	NOISE	NOISE-2b	CONS/COM /OPS	**Noise Complaint Resolution** - See NOISE-2a	If mitigation is required to resolve the complaint, and the complaint is not resolved within three business days, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Updated Noise Resolution Complaint Form	When the mitigation is implemented	Conditional		In Progress										SERC	GAL
253	NOISE	NOISE-3	PC	**Employee Noise Control Program** - Submit to the CPM for review and approval a noise control program and to reduce employee exposure to high (above permissible) noise levels during construction in accordance with Title 8, California Code of Regulations, Sections 5095-5099, and Title 29, Code of Federal Regulations, Section 1910.95.	At least 30 days prior to the start of ground disturbance, submit the noise control program to the CPM. Make the program available to Cal-OSHA upon request.	Noise Control Program	At least 30 days prior to the start of ground disturbance	12/3/2018	11/20/2018	Completed	1/3/2019				1/15/2019 (Ref Only)	1/18/2019					SERC	GAL
254	NOISE	NOISE-4a	COM/OPS	**Operational Noise Survey** - The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the noise levels due to the project operation alone do not exceed an hourly average exterior noise level of 49 dBA measured at monitoring location LT1 and 43 dBA measured at monitoring location LT2. See **Decision** NOISE-4 for further specifications.	Conduct the operational noise survey	Conduct the operational noise survey	Within 30 days of achieving a sustained output of 85 percent of rated capacity	4/12/2020		Not Started										Innova	DSR
255	NOISE	NOISE-4b	COM/OPS	**Noise Survey Summary Report** - See NOISE-4a	Prepare a summary report of the operational noise survey for submittal to the CPM. Included in the survey report shall be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures.	Summary report of the operational noise survey to the CPM	Within 15 days after the survey	5/1/2020		Not Started										Innova	DSR

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256	NOISE	NOISE-4c	COM/OPS	**Revised Noise Survey Summary** - See NOISE-4a	When the additional mitigation measures are implemented and in place, the project owner shall **repeat and prepare a new summary report of the new survey**.	Summary report of the new noise survey	Within 15 days of completing a new survey	Conditional	[redacted]	Not Started	[redacted]									Innova	DSR
257	NOISE	NOISE-5	COM/OPS	**Occupational Noise Survey** - Following the project's attainment of a sustained output of 85 percent or greater of its rated capacity, the project owner shall conduct an occupational noise survey to identify any noise hazardous areas within the power plant. The survey shall be conducted by a qualified person in accordance with the provisions of Title 8, California Code of Regulations, Sections 5095-5099 (Article 105) and Title 29, Code of Federal Regulations, Section 1910.95. The survey results shall be used to determine the magnitude of employee noise exposure. (See **Decision** NOISE-5 for further information).	The project owner shall submit the noise survey report to the CPM. The project owner shall make the report available to OSHA and Cal-OSHA upon request from OSHA and Cal-OSHA.	Submit to the CPM a summary report of the new noise survey	Within 30 days after completing the new survey	4/12/2020		Not Started					(Ref Only)					Innova	DSR
258	NOISE	NOISE-6	PC	**Construction Noise Restrictions** - Heavy equipment operation and noisy construction work, including pile driving, shall be restricted to the times delineated in this condition (See **Decision** NOISE-6). Construction work shall be performed in a manner to ensure excessive noise (noise that draws a project-related complaint) is prohibited and the potential for noise complaints is reduced as much as practicable. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers and other state-required noise attenuation devices. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use (jake braking) shall be limited to emergencies.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction work associated with this project.	Statement acknowledging restrictions	Prior to ground disturbance	1/1/2019	11/26/2018	Completed	1/3/2019				1/22/2019 (Ref Only)	1/24/2019				SERC	GAL
259	NOISE	NOISE-7a	CONS	**Pile Driving Technique** - The project owner shall perform pile driving in a manner to reduce the potential for any project-related noise and vibration complaints. The project owner shall notify the residents in the vicinity of pile driving prior to start of pile driving activities.	The project owner shall submit to the CPM a description of the pile driving technique to be employed, including calculations showing its projected noise impacts at monitoring location LT1.	Description of the pile driving technique to be used	At least 15 days prior to first pile driving	Conditional		Not Started					(Ref Only) Condional					SERC	GAF
260	NOISE	NOISE-7b	CONS	**Notify Residents, Pile Driving** - See NOISE-7a	The project owner shall notify the residents within one mile of the pile driving. In this notification, the project owner shall state that it will perform this activity in a manner to reduce the potential for any project-related noise and vibration complaints as much as practicable. The project owner shall submit a copy of this notification to the CPM prior to the start of pile driving.	Notification to residents within one mile of the project with copy to CPM	At least 10 days prior to first pile driving	Conditional		Not Started					(Ref Only) Condional					JACOBS	GAL
261	PAL	PAL-1a	PC	**Paleontological Resources Specialist** - Provide the CPM with the resume and qualifications of the PRS for review and approval. The PRS and Paleontological Resource Specialist (PRS) shall meet the minimum qualifications described in this condition (See **Decision** PAL-1 for specifications).	At least 60 days prior to the start of ground disturbance, submit a resume and statement of availability of its designated PRS for on-site work.	PRS Resume & Statement of Availability to CPM	At least 60 days prior to the start of ground disturbance	11/3/2018	10/18/2018	Completed	10/18/2018									JACOBS	GAL
262	PAL	PAL-1b	PC	**Paleontological Resources Monitors** - Ensure that the PRS obtains qualified Paleontological Resource Monitors (PRMs) to monitor as he or she deems necessary on the project. PRMs shall have the equivalent of the qualifications described in this condition (PAL-1).	At least 30 days prior to ground disturbance, provide a letter with resumes naming anticipated monitors, stating that the identified monitors meet the minimum qualifications for paleontological resource monitoring required by the condition.	PRM Resumes & Quals	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018 7/9/2019	Completed	11/9/2018									JACOBS	GAL
263	PAL	PAL-1c	PC/CONS	**Certify additional PRMs** (See PAL-1)	PRS shall provide additional letters and resumes to the CPM if needed.	PRM Resumes & Quals	No later than one week before beginning site duties.	Conditional	6/14/2019 6/17/2019(Campbell) 7/9/2019 (Serrano) 8/20/19 9/3/2019 9/23/19 By Paleo West (D Alexander) 10/9/19	In Progress	6/17/2019 6/17/2019 (Campbell) 7/11/2019 (Serrano) 8/20/19 9/5/19 9/25/19 (Alexander) 10/9/19									JACOBS	GAL
264	PAL	PAL-1d	PC/CONS	**Replacement PRS** (See PAL-1)	Prior to any change of the PRS, project owner shall submit resume of proposed new PRS to CPM for review and approval	PRM Resumes & Quals	No time specified.	Conditional	2/27/2019	Not Started	2/27/2019									JACOBS	GAL
265	PAL	PAL-2a	PC	**Maps and Drawings to PRS** - Provide to the PRS and the CPM, for approval, maps and drawings showing the footprint of the project, as described in this condition (See **Decision** PAL-2). If construction of the project proceeds in phases, maps and drawings may be submitted prior to the start of each phase. A letter identifying the proposed schedule of each project phase shall be provided to the PRS and CPM. The PRS or PRM shall consult weekly with the project superintendent or construction field manager to confirm area(s) to be worked the following week.	At least 30 days prior to the start of ground disturbance, provide the maps and drawings to the PRS and CPM.	Maps and drawings	At least 30 days prior to the start of ground disturbance	12/3/2018	11/26/2018	Completed	12/21/2018									JACOBS	GAL
266	PAL	PAL-2b	PC	**Revised Maps and Drawings** - If the footprint of the project or its linear facilities change, the project owner shall provide maps and drawings reflecting those changes to the PRS and CPM.	If there are changes to the footprint of the project, revised maps and drawings shall be provided to the PRS and CPM at least 15 days prior to the start of ground disturbance.	Maps and drawings	At least 15 days prior to the start of ground disturbance	Conditional		Not Started										JACOBS	GAL

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267	PAL	PAL-2c	PC/CONS	**Schedule Changes** - Before work commences on affected phases, the project owner shall notify the PRS and CPM of any construction phase scheduling changes.	If there are changes to the scheduling of the construction phases, submit a letter to the CPM within 5 days of identifying the changes.	Schedule information	Within 5 days of identifying the changes	Conditional		Not Started										SERC	GAL
268	PAL	PAL-3a	PC	**Paleontological Resources Monitoring and Mitigation Plan (PRMMP)** - A paleontological resources monitoring and mitigation plan (PRMMP) shall be include elements (1) through (10) as specified in this condition (See **Decision** PAL-3) and submitted to the CPM for review and approval to identify general and specific measures to minimize potential impacts to significant paleontological resources. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.	At least 30 days prior to ground disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and acceptance of the PRMMP by the project owner evidenced by a signature.	PRMMP	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018	Completed	1/14/2019								JACOBS	GAL
269	PAL	PAL-3b	PC	**Paleontological Resources Monitoring and Mitigation Plan (PRMMP)** - A paleontological resources monitoring and mitigation plan (PRMMP) shall be include elements (1) through (10) as specified in this condition (See **Decision** PAL-3) and submitted to the CPM for review and approval to identify general and specific measures to minimize potential impacts to significant paleontological resources. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.	At least 30 days prior to ground disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and acceptance of the PRMMP by the project owner evidenced by a signature.	CPM Approval of PRMMP	Prior to ground disturbance	1/19/2019	11/1/2018	Completed	1/14/2019								SERC	GAL
270	PAL	PAL-4a	PC	**Worker Environmental Awareness Program, Paleontological Resources** - Prior to ground disturbance and for the duration of construction activities involving ground disturbance, as described in this condition (See **Decision** PAL-4), prepare and conduct weekly CPM-approved paleontological resources training for the workers specified in this condition. The training shall include elements (1) through (7) of this condition.	The project owner shall submit to the CPM for review and comment the draft WEAP, including the brochure and sticker. The submittal shall also include a draft training script and the set of reporting procedures for workers to follow.	Draft WEAP, brochure, sticker, script, and procedures.	At least 30 days prior to ground disturbance	1/19/2019	11/1/2018	Completed	11/9/2018								JACOBS	GAL
271	PAL	PAL-4b	PC	**Final WEAP** - See PAL-4a	The project owner shall submit to the CPM for approval the final WEAP and training script. If the project owner is planning to use a video for training, a copy of the training video shall be submitted following final approval of WEAP and training script.	Final WEAP materials	At least 15 days before ground disturbance	2/3/2019	1/10/2019	Completed	1/17/2019									JACOBS	GAL
272	PAL	PAL-5a	CONS/COM	**WEAP Training Documentation/MCR** - No worker shall excavate or perform any ground disturbance activity prior to receiving CPM-approved WEAP training by the PRS, unless specifically approved by the CPM. (See **Decision** PAL-5 for further specifications).	In the Monthly Compliance Report (MCR), the project owner shall provide copies of the WEAP certification of completion forms with the names of those trained, trainer identification, and type of training (in-person and/or video) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	Names of trainees in MCR, number of personnel trained during the reporting period, and total number of personnel trained to date.	Monthly	Monthly		In Progress										ARB	GAL
273	PAL	PAL-5b	CONS/COM	**Alternate WEAP Trainer** - See PAL-5a	If the project owner requests an alternate paleontological WEAP trainer, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval prior to installation of an alternate trainer. Alternate trainers shall not conduct WEAP training prior to CPM authorization.	Resume and qualifications of WEAP trainer	Before installation of the alternate trainer	Conditional		Not started										ARB	GAL
274	PAL	PAL-6a	CONS	**Paleontological Monitoring** - The project owner shall ensure that the PRS and PRM(s) monitor, consistent with the PRMMP, all construction-related grading and excavation in areas where potential fossil-bearing materials have been identified, both at the site and along any constructed linear facilities associated with the project. In the event that the PRS determines full-time monitoring is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM. The PRS may not further delegate the responsibility for determining whether full-time monitoring is necessary. (See **Decision** PAL-6 for specifications)	A copy of the daily monitoring log of paleontological resource activities shall be included in the monthly compliance report (MCR).	Daily monitoring log and summary of monitoring activities with MCR	Monthly	Monthly		In Progress										JACOBS	GAL

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275	PAL	PAL-6b	CONS	**Notification of Change in Monitoring** - See PAL-6a	The project owner shall ensure that the PRS submits the summary of monitoring and paleontological activities in the MCR. When feasible, the CPM shall be notified 15 days in advance of any proposed changes in monitoring different from that identified in the PRMMP, which will require concurrence between the PRS and CPM. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.	Notification of proposed change in monitoring	Notify CPM 15 days in advance of changes in monitoring when feasible	Conditional		Not started										JACOBS	GAL
276	PAL	PAL-7	OPS	**Paleontological Resources Report** - The project owner shall ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS. The PRR shall be prepared following completion of ground-disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information, and shall be submitted to the CPM for approval.	The project owner shall submit the PRR under confidential cover to the CPM.	Paleontological Resources Report	Within 90 days after completion of ground-disturbing activities, including landscaping	6/30/2020		Not started										JACOBS	GAL
277	PAL	PAL-8	CONS/COM /OPS	**Curation Entity/Curation Fees** - The project owner, through the designated PRS, shall ensure that all components of the PRMMP are adequately performed, including collection of fossil material, preparation of fossil material for analysis, analysis of fossils, identification and inventory of fossils, preparation of fossils for curation, and delivery for curation of all significant paleontological resource materials encountered and collected during project construction. The project owner shall pay all curation fees charged by the museum for fossil material collected and curated as a result of paleontological mitigation. The project owner shall also provide the curator with documentation showing the project owner irrevocably and unconditionally donates, gives, and assigns permanent, absolute, and unconditional ownership of the fossil material.	Within 60 days after the submittal of the PRR, the project owner shall submit documentation to the CPM identifying the entity that will be responsible for curating collected specimens. This documentation shall also show that fees have been paid for curation and the owner relinquishes control and ownership of all fossil material.	Documentation of the entity responsible for curation and that curation fees have been paid	Within 60 days of submittal of the PRR	6/30/2020		Not Started										JACOBS	GAL
278	SOCIO	SOCIO-1	PC	**School Facility Development Fee** - The project owner shall pay the current one-time statutory school facility development fee to the Magnolia Elementary School District and to the Anaheim Union High School District as authorized by Education Code Section 17620 and the Magnolia Elementary School District Board Policy BP 7211 Facilities: Developer Fees.	The project owner shall provide to the compliance project manager (CPM) proof that the delegate chief building official (DCBO) has calculated the assessable covered and enclosed space consistent with local practices and shall provide proof of payment of the development fees, based on the calculated space and current school development fees, to the Magnolia Elementary School District and to the Anaheim Union High School District.	Payment / Proof of payment of the development fees	At least 30 days prior to start of construction	12/3/2018	12/3/2018	Completed	12/5/2018				1/7/2019	1/10/2019				SERC	GAL
279	S&W	SOIL & WATER-1a	PC	**NPDES Construction Permit Requirements** - The project owner shall manage storm water pollution from project construction activities by fulfilling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ, NPDES No. CAS000002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the project.	The project owner shall submit to the CPM proof that the construction permit was granted and that a waste discharge identification number (WDID) was issued by the State Water Resources Control Board (SWRCB).	Proof that construction permit was granted and a WDID was issued	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018				SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF
280	S&W	SOIL & WATER-1b	PC	**NPDES Construction Permit Requirements-Storm Water Pollution Prevention Plan (SWPPP)** - See SOIL & WATER 1a	Construction SWPPP to SWRQB	See S&W 1a	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018				SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF
281	S&W	SOIL & WATER-1c	PC/CONS	**Correspondence with SARWQCB** - See SOIL & WATER 1a	The project owner shall submit to the CPM any correspondence between the project owner and the SWRCB or the Santa Ana Regional Water Quality Control Board (SARWQCB) about the general NPDES permit for discharge of storm water associated with this activity. This information shall include the notice of intent, the notice of termination, and any updates to the construction SWPPP.	Correspondence between the owner and SARWQCB	Within ten (10) days of its mailing or receipt	Conditional		Not started						SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAL

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
282	S&W	SOIL & WATER-2a	PC	**Stormwater Management Plan/WQMP** - The project owner shall comply with the Orange County Model Water Quality Management Plan (WQMP) requirements in accordance with Title 4, Division 13 and Title 9, Division 1, of the Orange County Code. The project owner shall provide a WQMP for post-construction storm water BMPs to Orange County for review and the CPM for review and approval. The project owner shall notify the CPM in writing of any reported non-compliance with the county requirements, including documentation of any measures taken to correct the noncompliance, and the results of those corrective measures. See **Decision** SOIL&WATER-2 for additional specifications.	The project owner shall provide a WQMP for post-construction storm water BMPs to the CPM and to the Orange County Public Works Department.	WQMP for post-construction stormwater BMPs	At least 120 days prior to site grading	9/14/2018	9/14/2018 (Rev3/19) 3/27/2019	Completed	9/14/2018				PC1:1/17/2019 PC2:2/21/19 PC3: 3/18/19 (Ref Only)	3/5/2019 3/27/2019				SERC	GAL
283	S&W	SOIL & WATER-2b	PC	**Orange County Public Works Department Review of WQMP** - See SOIL & WATER 2a	Obtain County review of the WQMP	Verification of the county's completed review of the WQMP	30 days before grading	12/3/2018	11/29/2018	Completed	12/1/2/18									SERC	GAF
284	S&W	SOIL & WATER-2c	PC/CONS	**Correspondence with County Re: Stormwater** - See SOIL & WATER 2a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the county regarding storm water management.	Copies of correspondence with the County regarding storm water management	Within 10 days of its mailing or receipt	Conditional		Not Started										SERC	GAL
285	S&W	SOIL & WATER-3a	PC/CONS	**Hydrostatic and Dewatering Water Discharge Permit Requirements** - Prior to initiation of discharge to surface water from hydrostatic testing water or groundwater from dewatering, the project owner shall obtain a National Pollutant Discharge Elimination System permit for discharge when applicable. The project owner shall comply with the requirements of the NPDES Permit Order No. CAG998001 for hydrostatic testing and dewatering (if applicable) water discharge. The project owner shall provide a copy of all permit documentation sent to the Santa Ana Regional Water Quality Control Board (SARWQCB) or State Water Resources Control Board (SWRCB) to the CPM and notify the CPM in writing of any reported non-compliance.	The project owner shall submit to the CPM documentation that all necessary NPDES permits were obtained from the SARWQCB or SWRCB at least 30 days prior to construction.	Documentation that NPDES permits are obtained	Thirty (30) days prior to the first scheduled hydrostatic testing event or discharge of groundwater dewatering water	12/3/2018	12/4/2018	In Progress	12/13/2018				(Ref Only)						SERC	GAL
286	S&W	SOIL & WATER-3b	PC	**NPDES Plans and Permits** - See SOIL&WATER-3a	The project owner shall submit to the CPM a copy of the relevant plans and permits received.	Plans and permits	Thirty days (30) prior to project construction	12/3/2018	12/6/2018	Completed	12/11/2018				(Ref Only)					SERC	GAL
287	S&W	SOIL & WATER-3c	PC/CONS/OPS	**Correspondence with SWRCB** - See SOIL&WATER-3a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the SWRCB regarding NPDES permits in the annual compliance report.	Copies of correspondence	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	GAL
288	S&W	SOIL & WATER-4a	CONS	**Water Use and Reporting** - Water supply for project construction and operation shall be potable water supplied by Golden State Water Company. Project water use for construction shall not exceed 5.6 acre-feet. project operation water use shall not exceed 34 AFY. The project owner shall record daily water use for the project's construction and operation. The project owner shall comply with the water use limits and reporting requirements described below.	During project construction, the monthly compliance report shall include a monthly summary of daily water use. After construction is complete, the project's annual compliance report shall include a monthly summary of daily water use.	Summary of daily water use	Monthly Compliance Report	Monthly		In progress					(Ref Only)					ARB	GAL
289	S&W	SOIL & WATER-4b	COM/OPS	**Water Use and Reporting** - Water supply for project construction and operation shall be potable water supplied by Golden State Water Company. Project water use for construction shall not exceed 5.6 acre-feet. project operation water use shall not exceed 34 AFY. The project owner shall record daily water use for the project's construction and operation. The project owner shall comply with the water use limits and reporting requirements described below.	During project construction, the monthly compliance report shall include a monthly summary of daily water use. After construction is complete, the project's annual compliance report shall include a monthly summary of daily water use.	Monthly and annual summary of water use	Annual Compliance Report	12/31/2020		In Progress					(Ref Only)					SERC	DSR
290	S&W	SOIL & WATER-5a	PC/CONS/OPS	**Water Metering** - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	The project owner shall submitto the CPM evidence that they have complied with all requirements and paid the necessary fees for connection	At least thirty (30) days prior to use of the Golden State Water Company potable water supply	12/3/2018 See Date Below	11/29/2018	In Progress	12/1/2/18				(Ref Only)					ARB	GAL
291	S&W	SOIL & WATER-5b	PC/CONS/COM/OPS	**Water Metering** - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	Evidence that metering devices have been installed and are operational	At least thirty (30) days prior to use of the Golden State Water Company potable water supply.	3/16/2020	2/22/2019 3/21/2019	In Progress					(Ref Only)					SERC	GAL

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292	S&W	SOIL & WATER-5c	COM/OPS	**Water Metering** - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR. Fees paid to Golden State Water Company shall be reported in the ACR for the life of the project.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
293	S&W	SOIL & WATER-5d	COM/OPS	**Water Metering** - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR. Fees paid to Golden State Water Company shall be reported in the ACR for the life of the project.	Fees paid to Golden State Water Company shall be reported in the Annual Compliance Report (ACR)	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
294	S&W	SOIL & WATER-6a	PC/CONS	**Sewer Connections** - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	The owner shall provide the CPM documentation indicating that the city has accepted the project's connections to the sewer system.	Documentation that the City accepts the SERC's sewer connection.	Prior to the use of the city's sewer system	6/30/2019	(Pacific Street - existing line) 5/9/2019	Completed	5/16/2019				(Ref Only)					ARB	GAL
295	S&W	SOIL & WATER-6b	CONS/COM /OPS	**Sewer Connections** - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Fees paid to the city shall be reported in the ACR.	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
296	S&W	SOIL & WATER-6c	CONS/COM /OPS	**Sewer Connections** - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Monthly and annual summary of waste water discharge.	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
297	S&W	SOIL & WATER-7	PC/CONS	**Jack and Bore Permits** - Prior to the initiation of any Carbon Creek jack and bore activities for the natural gas pipeline, the project owner shall apply for coverage under the following permits: (see **Decision** SOIL&WATER-7 for list) - Section 401, Section 404, Section 408, Streambed Alteration Agreement,	The project owner shall provide the CPM with copies of the applicable permits or agreements.	Permits or agreement documents	No later than thirty (30) days prior to any construction-related activities that could affect water quality in Carbon Creek	6/30/2019	5/31/2019	Completed	6/19/2019				(Ref Only) 9/5/19 12/6/19	12/12/2019				SoCalGas	GAL
298	S&W	SOIL & WATER-8a	PC	**Bridge Encroachment Permits** - The project owner shall obtain an encroachment permit for the construction of the vehicle and utility bridges from the Orange County Public Works Department in accordance with Orange County Code – Title 9, Division 2, Article 2, Sections 9-2-40 and 9-2-50. The project owner shall pay all necessary fees to Orange County Public Works Department for compliance with the permit review and approval process. The project owner shall submit the encroachment permit application package to Orange County Public Works Department and the CPM for review and approval prior to construction. The project owner shall also provide a copy of the approved permit to the CPM.	The project owner shall provide a copy of the application package for the encroachment permit and any comments from Orange County Public Works Department to the CPM for review and approval.	Application for encroachment permit and OCPWD comments	At least ninety (90) days prior to bridge construction	11/27/2018	9/17/2018	Completed	12/13/2018				2/5/19 (Ref Only)	2/5/19 (Ref Only)				SERC	GAL
299	S&W	SOIL & WATER-8b	PC	**OCPWD Permit** - See SOIL&WATER-8a	The project owner shall submit a copy of the final approved permit from Orange County Public Works Department to the CPM for review and approval.	Copy of final approved permit from OCPWD	At least 30 days prior to bridge construction	1/26/2019	2/1/2019	Completed	3/12/2019				2/5/2019 (Ref Only)	2/5/19 (Ref Only)				SERC	GAL
300	STRUC	STRUC-1a	PC/CONS	**Project Structures Plans and Specifications** - Prior to the start of any increment of construction, the project owner shall submit plans, calculations, and other supporting documentation to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list. The design plans and calculations shall include the lateral force procedures and details as well as vertical calculations. Construction of any structure or component shall not begin until the CBO has approved the lateral force procedures to be employed in designing that structure or component. (See **Decision** STRUC-1 for specifications).	The project owner shall submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.	Final design plans, specifications, and calculations and transmittal letter to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list	1.0: 1/17/2019 2.0: 1/23/2019 3.0: 1/31/2019 4.0: 2/7/2019 5.0: 2/7/2019 6.0: 2/7/2019 7.0: 2/14/2019 8.0: 2/14/2019 9.0: 2/21/2019 10.0: 2/28/2019 12.0: 3/11/2019 13.0: 2/20/2019	1.0: 3/15/19, 10/26/19 1.0: 4/25/19, 10/26/19 2.0: 1/23/19, 10/26/19 3.0: 5/13/19, 10/26/19, 12/29/19, 2/10/20 4.0: 2/6/19, 10/26/19, 2/10/20 5.0: 6.0: 2/7/19, 10/26/19 7.0: 3/28/19, 10/26/19 8.0: 5/13/19, 10/26/19, 12/29/19 9.0: 3/22/19, 10/26/19 10.0: 2/28/19, 10/26/19 11.0: 5/13/19, 12/29/19 12.0: 5/13/19, 10/26/19, 12/29/19 13.0: 2/20/2019 14.0: 12/26/19, 12/29/19 15.0: 5/31/19, 12/29/19 16.0: 5/6/19, 12/29/19 17.0: 5/13/19, 12/29/19 18.0: 5/31/19 19.0: 20.0: 5/23/19 21.0: 5/24/19, 12/29/19 22.0: 5/28/19, 12/29/19 23.0:	In Progress	N/A				1.0 Compaction: 3/15/19 1.0 Bridge Design: 4/25/19 2.0: 1/23/2019 3.0: 1/31/2019 4.0: 2/6/2019 5.0: 6.0: 2/7/2019 7.0: 3/28/2019 8.0: 2/12/2019 9.0: 3/22/2019 10.0: 2/28/2019 11.0:4/16/19 12.0: 3/29/2019 13.0: 2/20/2019 15.0: 5/31/19 16.0: 5/6/19 17.0: 5/13/19 18.0: 5/31/19 19.0: 20.0: 5/23/19 21.0: 5/24/19 22.0: 5/28/19 23.0: 6/10/19 24.0: 5/31/19 25.0: 5/31/19 26.0: 5/31/19	1.0 Compaction: 3/25/19 1.0 Bridge Design: 5/13/19 2.0: 2/18/2019 3.0: 5/16/19 4.0: 4/9/19 5.0: 6.0: 4/30/19 7.0: 4/29/19 8.0: 5/16/19 9.0: 5/22/19 10.0:5/22/19 11.0: 5/16/19 12.0: 5/29/19 13.0: 3/11/2019 15.0: 7/17/19 16.0: 7/22/19 17.0: 7/11/19 18.0: 6/18/19 19.0: 20.0: 7/23/19 21.0: 6/7/19 22.0: 9/11/19 PCF 23.0: 7/11/19 24.0: 7/3/19 PC2 25.0: 26.0:				Power	GAL

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301	STRUC	STRUC-1b	PC/CONS	**CBO Approvals Reported in MCR** - See STRUC-1a	The project owner shall submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Statement from CBO	Monthly	Monthly	4/14/19 5/15/19 6/14/19 7/15/19 8/14/19 9/14/19 10/13/19 11/14/19 12/14/19 1/14/20 2/11/20	In Progress										SERC	GAL
302	STRUC	STRUC-1c	PC/CONS	**CBO Approvals Reported in MCR** - See STRUC-1a	The project owner shall submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Monthly Compliance Report list of approved plans, specifications, and calculations	Monthly	Monthly		In Progress					Monthly					SERC	GAL
303	STRUC	STRUC-2a	CONS	**Non-Compliance Procedures** - The project owner shall submit to the CBO the required number of sets of the following documents related to work that has undergone CBO design review and approval (see **Decision** STRUC-2 for specifications).	If a discrepancy is discovered in any of the above data, the project owner shall prepare and submit a Non-Compliance Report (NCR) describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section.	NCR describing the discrepancy and corrective action, and transmittal letter	Within five days of discovering a discrepancy	Conditional		Not Started										SERC	GAL
304	STRUC	STRUC-2b	CONS	**Corrective Action Documentation** - See STRUC-2a	Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective 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
305	STRUC	STRUC-2bb	CONS	**Corrective Action Documentation** - See STRUC-2a	Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.	Copy of the corrective action to the CPM	Within 5 days of the resolution of the NCR	Conditional		Not Started											
306	STRUC	STRUC-2c	CONS	**Corrective Action Documentation** - See STRUC-2a	Project owner shall transmit copy of CBO's approval or disapproval of the corrective action to the CPM within 15 days	CBO approval or disapproval of corrective action	Within 15 days of the resolution of the NCR	Conditional		Not Started										SERC	GAL
307	STRUC	STRUC-2d	CONS	**Corrective Action Documentation** - See STRUC-2a	If disapproved, the project owner shall advise the CPM, within 5 days, of the reason for disapproval, and the revised corrective action to obtain CBO's approval	Advise CPM of CBO's disapproval and revised corrective action	Within 5 days after receiving CBO disapproval	Conditional		Not Started										SERC	GAL
308	STRUC	STRUC-3a	PC/CONS	**Final Design Changes** - The project owner shall submit to the CBO 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, and shall give to the CBO prior notice of the intended filing.	The project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other abovementioned documents to the CBO, with a copy of the transmittal letter to the CPM.	Revised drawings to CBO	Schedule suitable to the CBO	Conditional		Not Started										SERC	GAL
309	STRUC	STRUC-3aa	PC/CONS	**Final Design Changes** - The project owner shall submit to the CBO 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, and shall give to the CBO prior notice of the intended filing.	The project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other abovementioned documents to the CBO, with a copy of the transmittal letter to the CPM.	Revised drawings to CBO and **transmittal to CPM**	Schedule suitable to the CBO	Conditional		Not Started										SERC	GAL
310	STRUC	STRUC-3b	PC/CONS	**Plan Approval Notification in MCR** - See STRUC-3a	The project owner shall notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	Notification of CBO Plan approval in MCR	Monthly	Monthly		In Progress										SERC	GAL
311	STRUC	STRUC-4a	CONS	**Tank and HazMat Vessel Design** - Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2016 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	The project owner shall submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	Final design plans, specifications, and calculations	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials	10/20/2019		Completed					12/6/2019	12/22/2019				SERC	TAT

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4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
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312	STRUC	STRUC-4b	CONS	**CBO Approvals in MCR** - See STRUC-4a	The project owner shall send copies of the CBO approvals of plan checks to the CPM in the monthly compliance report following receipt of such approvals. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	Copies of CBO approvals in MCR	Monthly	Monthly	1/14/2020	Completed										SERC	GAL
313	TLSN	TLSN-1	CONS	**66 kV Line Requirements** - The project owner shall construct the proposed 66-kV transmission line according to the requirements of California Public Utility Commission's GO-95, GO-128, GO-52, GO-131-D, Title 8, and Group 2, High Voltage Electrical Safety Orders, sections 2700 through 2974 of the California Code of Regulations, and Southern California Edison's EMF reduction guidelines.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming that the line will be constructed according to the requirements stated in the condition.	Letter affirming construction in accordance with requirements	At least 30 days prior to start of construction of the transmission line or related structures and facilities	6/1/2019	3/15/2019	Completed	4/4/2019				3/15/2019 (Ref Only)	3/18/2019					SCE	GAL
314	TLSN	TLSN-2	CONS	**Metallic Objects Grounded** - The project owner shall ensure that all permanent metallic objects within the proposed route are grounded according to industry standards.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming compliance with this condition.	Letter affirming compliance	At least 30 days before the line is energized	1/27/2020	1/20/2020	Completed	2/28/2020				1/20/2020 (Ref Only)	2/4/2020					SCE	GAF
315	TRANS	TRANS-1a	CONS	**Roadway Use Permits and Regulations** - The project owner shall comply with limitations imposed by the Department of Transportation (Caltrans) and other relevant jurisdictions, including the cities of Stanton, Anaheim, Buena Park, Garden Grove, and Westminster, and the county of Orange, on vehicle sizes and weights, driver licensing, and truck routes.	The project owner shall identify the permits received during that reporting period (copies of actual permits are not required in the MCR) to demonstrate project compliance with limitations of relevant jurisdictions for vehicle sizes, weights, driver licensing, and truck routes.	List of permits received in MCR	Monthly	Monthly	9/15/19 10/14/19 11/15/19 12/14/19 1/15/19	Completed				(Ref Only)						ARB	GAL
316	TRANS	TRANS-1b	CONS	**Copies of Permits** - See TRANS-1a	The project owner shall retain copies of permits and supporting documentation on-site for compliance project manager (CPM) inspection if requested.	Copies of permits and documentation	During construction	ongoing		In Progress										SERC	TLB
317	TRANS	TRANS-2a	PC	**Traffic Control Plan** - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project owner shall consult with the city of Stanton in the preparation and implementation of the TCP. The project owner shall submit the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation of the plan. (See **Decision** TRANS-2 for specifics).	The project owner shall submit the TCP to the city of Stanton for review	Traffic Control Plan and transmittal letter to City of Stanton	At least 60 calendar days prior to the start of construction	12/6/2018		Completed							City of Stanton	3/1/2019 7/1/2019	3/4/2019 7/17/2019	JACOBS	GAL
318	TRANS	TRANS-2b	PC	**Traffic Control Plan** - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project owner shall consult with the city of Stanton in the preparation and implementation of the TCP. The project owner shall submit the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation of the plan. (See **Decision** TRANS-2 for specifics).	The project owner shall submit the TCP to the CPM for review and approval. The project owner shall also provide the CPM with a copy of the transmittal letter to the city of Stanton requesting review and comment.	Traffic Control Plan and transmittal letter to City of Stanton	At least 60 calendar days prior to the start of construction	11/29/2018	10/18/2018 11/29/2018 3/1/2019 7/1/2019	Completed	12/16/18 12/21/2018 3/5/2019 7/18/2019	Yes No No No	3/5/2019	3/5 Increased allowable truck traffic to 120 trucks per 7/18 Inclusion of Main Street between Beach and Fern	1/22/2019 (Ref Only)	1/23/2019				JACOBS	GAL
319	TRANS	TRANS-2c	PC	**Letters of Comment on TCP** - See TRANS-2a	The project owner shall provide copies of any comment letters received from the city of Stanton or any other interested agencies, along with any changes to the TCP, for CPM review and approval.	Copies of comment letters	At least 30 calendar days prior to the start of construction	1/5/2019	11/29/2018	Completed	12/4/2018									Jacobs	GAL
320	TRANS	TRANS-2d	PC	**Final TCP to City** - See TRANS-2a	The project owner shall provide completed copies of the final TCP to the city of Stanton and any other interested agencies, sending copies of the correspondence to the CPM.	Copies of final TCP to City and interested parties	After CPM review and approval	3/1/2019	11/29/2018	Completed	12/4/2018				1/22/2019 (Ref Only)	1/23/2019	City of Stanton	3/1/2019	3/4/2019	JACOBS	GAL

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321	TRANS	TRANS-3a	PC	**Restoration of Public Roads, Easements, and Rights-of-Way** - The project owner shall restore all public roads, easements, rights-of-way, and any other transportation infrastructure damaged due to project-related construction and traffic. Restoration shall be completed in a timely manner to the infrastructure's original condition. Restoration of significant damage which could cause hazards (such as potholes, deterioration of pavement edges, or damaged signage) shall take place immediately after the damage has occurred. Prior to the start of site mobilization, the project owner shall notify the relevant agencies, including the city of Stanton, county of Orange, Caltrans District 12, and any jurisdictions affected by construction of the linear facilities, of the proposed schedule for project construction. The purpose of this notification is to request that these agencies consider postponement of any planned public right-of-way repairs or improvement activities in areas affected by project construction until construction is completed, and to coordinate any concurrent activities that cannot be postponed.	Prior to the start of site mobilization, the project owner shall videotape roads and intersections along the major routes construction vehicles would take in the vicinity of the project site. The project owner shall provide the videotapes or other recorded visual media to the CPM.	Videotape of pre-project road conditions	Prior to the start of site mobilization	1/31/2019	1/30/2019	Completed	1/31/2019				1/31/2019 (Ref Only)	1/31/2019				SERC	GAL
322	TRANS	TRANS-3b	CONS	**Roadway Repair Acceptance** - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/ agencies stating their satisfaction with the repairs.	Notify CPM and affected agencies to identify sections to be repaired. Establish schedule for completion of repairs with CPM	6/24/2020	Conditional		Not started						(Ref Only)					SERC	GAL
323	TRANS	TRANS-3c	CONS	**Roadway Repair Acceptance** - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/ agencies stating their satisfaction with the repairs.	Letters signed by the agency accepting the repairs	Following completion of repairs	Conditional		Not started						(Ref Only)					SERC	GAL
324	TRANS	TRANS-4a	PC/CONS	**Encroachment into Public Rights-of-Way** - Prior to any ground disturbance, improvements, or obstruction of traffic within any public road, easement, or right-of-way, the project owner shall coordinate with all applicable jurisdictions, including the city of Stanton, to obtain necessary encroachment permits and comply with all applicable regulations, including applicable road standards.	The project owner shall provide copies to the CPM of all permits received from any affected jurisdictions.	Copies of permits from affected jurisdictions	At least 10 days prior to ground disturbance, improvements, or interruption of traffic in or along any public road, easement, or right-of-way	So Cal Gas 6/8/19 SCE 9/20/19	7/31/2019	Completed	8/1/2019				(Ref Only) 7/31/19					SoCalGas/SCE	GAL
325	TRANS	TRANS-4b	CONS/OPS	**Copies of Permits** - See TRANS-4b	The project owner shall retain copies of the issued permits and supporting documentation in its compliance file.	Copies of the issued permits	Minimum of 180 calendar days after the start of commercial operation.	12/21/2020		In Progress										SERC	TLB
326	TRANS	TRANS-5a	CONS	**Transportation of Hazardous Materials** -The project owner shall contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the names of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licensing verification only needs to be included in the MCRs when a new company is used. If a company's licensing verification has already been submitted in an MCR, it is not necessary to submit it again.	Names of hazardous materials haulers and licensing verification in MCRs	Monthly during construction	Monthly		In Progress					(Ref Only)					SERC	GAL

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327	TRANS	TRANS-5b	OPS	**Transportation of Hazardous Materials** - The project owner shall contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the names of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licensing verification only needs to be included in the MCRs when a new company is used. If a company's licensing verification has already been submitted in an MCR, it is not necessary to submit it again.	Names of hazardous materials haulers and licensing verification in ACR	Annual Compliance Report	12/31/2020		Not started					(Ref Only)					SERC	DSR
328	TRANS	TRANS-6a	PC	**Rail Crossing Safety Plan** - Prior to any construction-related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to the city of Stanton for review and comment	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction-related ground disturbance	12/20/2018	11/1/2018	Completed	12/21/2018									Jacobs	GAL
329	TRANS	TRANS-6b	PC	**Rail Crossing Safety Plan** - Prior to any construction-related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to Union Pacific Railroad (UPRR) for review and comment	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction-related ground disturbance	12/20/2018	11/1/2018	Completed	N/A						UPRR	11/1/18	No comments received from UPRR. Comments were requested by 11/30/18	SERC	GAL
330	TRANS	TRANS-6c	PC	**Rail Crossing Safety Plan** - Prior to any construction-related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to the CPM for review and approval. The project owner shall also provide the CPM with a copy of the transmittal letters to the city of Stanton and UPRR requesting review and comment.	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction-related ground disturbance	12/20/2018	12/3/2018	Completed	1/24/2019						City of Stanton UPRR	City of Stanton: 10/291/2018; UPRR: 11/1/2018	City of Stanton: 10/29/18	SERC	GAL
331	TRANS	TRANS-6d	PC	**Final Rail Crossing Safety Plan** - See TRANS-6a	The project owner shall provide copies of any comment letters received from the city of Stanton and UPRR, along with any changes to the rail crossing safety plan, for CPM review and approval.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction-related ground disturbance	1/19/2019	12/3/2018	Completed	1/24/2019									JACOBS	GAL
332	TRANS	TRANS-6e	PC	**Final Rail Crossing Safety Plan** - See TRANS-6a	After CPM review and approval, the project owner shall provide completed copies of the final rail crossing safety plan to the city of Stanton and UPRR, sending copies of the correspondence to the CPM.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction-related ground disturbance	1/19/2019	1/19/2019	Completed	1/24/2019						City of Stanton UPRR			SERC	GAL
333	TRANS	TRANS-7	CONS	**FAA Notification for Construction Equipment at or Exceeding 153 Feet AGL** - The project owner or its contractor(s) shall file Federal Aviation Administration (FAA) Form 7460-1, Notice of Proposed Construction or Alteration, with the FAA for any construction equipment 153 feet above ground level (AGL) or taller. The project owner shall comply with any conditions imposed by the FAA as part of their hazard determination, such as marking and lighting requirements.	The project owner shall submit to the CPM a copy of the FAA's hazard determination.	FAA Form 7460-2, Notice of Actual Construction or Alteration	At least 30 days prior to the presence onsite of any construction equipment 153 feet AGL or taller	4/24/2019	4/24/2019 5/1/2019 (corrected elevation)	Completed	5/1/2019 8/5/19									Jacobs	GAL
334	TRANS	TRANS-8a	CONS	**Pilot Notification and Awareness** - The project owner shall initiate the following actions to ensure pilots are aware of the project location and potential hazards to aviation. (See **Decision** TRANS-8 for specifications).	The project owner shall submit to the CPM for review and approval draft language for the letters of request to the FAA, the LAAA Manager, and the FMA Manager. The letters should request a response within 30 days that includes a timeline for implementing the required actions.	Draft letters to the FAA, LAAA Manager, and FMA Manager	Within 60 days following the start of construction	4/19/2019	3/20/2019	Completed	3/22/2019									JACOBS	GAL
335	TRANS	TRANS-8b	CONS	**Final Letters to FAA, LAAA, and FMA** - See TRANS-8a	The project owner shall submit the required letters of request to the FAA, the LAAA Manager, and the FMA Manager. The project owner shall submit copies of these requests to the CPM. A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Final letters to the FAA, LAAA Manager, and FMA Manager	Within 60 days after CPM approval of the draft language	5/7/2019	3/22/2019	Completed	5/22/2019						Los Alamitos Army Airfield, FAA, Fullerton Municipal Airport	3/27/2019		JACOBS	GAL

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336	TRANS	TRANS-8c	CONS	**Correspondence from FAA, LAAA, or FMA** - See TRANS-8a	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Copy of correspondence from FAA, LAA or FMA	Within 10 days of receipt	Conditional	FMA - 04/02/2019 FMA&LAAA - 04/11/2019 Additional LAAA correspondence Transmitted on 5/13/19	Completed	4/11/2019									SERC	GAL
337	TRANS	TRANS-8d	CONS	**Correspondence from FAA, LAAA, or FMA** - See TRANS-8a	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. **If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.**	Contact CPM if FAA, LAA Manager or FMA manager does not respond	Within 30 days after submittal	5/8/2019	5/8/2019	Completed	5/9/2019									SERC	GAL
338	TSE	TSE-1	CONS	**Schedule of Designs, Master Drawing List, Specification Lists** - Furnish to the CPM and to the CBO a schedule of transmission facility design submittals, as described in this condition (See **Decision** TSE-1), a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. Provide designated packages to the CPM when requested.	Prior to the start of construction, submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain the elements listed in this condition. Additions and deletions shall be made to the table only with CPM and CBO approval.	Schedule, Master Drawing and Specifications Lists	Prior to the start of construction of transmission facilities	5/1/2019	5/30/2019	Completed	6/17/2019				5/29/2019	6/12/2019				Power	GAL
339	TSE	TSE-2a	CONS	**Final Switchyard Design**- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Approval of Final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination with compliance certification letter by CBO	Prior to the start of each increment of construction - Switchyard a) Civil design b) Structural design c) electrical design - Gen-Tie a) Civil design b) electrical design	6/30/2019	[redacted]	Completed	[redacted]				2-1.0 8/2/19 PC1	2-1.0 8/22/19 PC1				Power / SCE	GAL
340	TSE	TSE-2b	CONS/COM /OPS	**Final Switchyard Design**- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Maintain Final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination with compliance certification letter	For 1 year after completion of construction	4/8/2021	[redacted]		[redacted]									SERC	DSR
341	TSE	TSE-2c	CONS	**Final Switchyard Design**- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Make request for CBO inspection of installation applicable to LORS	During construction	1/2/2020	[redacted]	Completed	[redacted]									SERC	TLB
342	TSE	TSE-2d	CONS/COM /OPS	**Transmittal Letter in MCR** - See TSE-2a	Send the CPM a copy of the transmittal letter to the CBO in the next monthly compliance report.	Transmittal in MCR	Monthly	Ongoing	8/14/2019	Completed	9/14/2019									SERC	GAL
343	TSE	TSE-3	CONS/COM /OPS	**Design, Construction, and Operation of Transmission Facilities** - The design, construction, and operation of the proposed transmission facilities will conform to all applicable LORS, and requirements (a) through (f) listed in this condition (See **Decision** TSE-3 for further specifications).	Prior to the start of construction of transmission facilities, submit to the CBO for approval the elements (a) through (f) listed in this condition.	See condition text for document list - The project owner shall provide to the CPM, copy of the executed LGIA signed by the SCE and the project owner and approved by the Federal Energy Regulatory Commission	Prior to the start of construction or modification of transmission facilities	10/1/2019	12/11/2019	Completed	12/30/2020									SERC	GAF

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344	TSE	TSE-4a	CONS	**Notice to CAISO** - The project owner shall provide the following notice to the California Independent System Operator (California ISO) prior to synchronizing the facility with the California Transmission system: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter stating the proposed date of synchronization; and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	The project owner shall provide copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid. The project owner shall contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	CAISO letter and report of conversation with CAISO	Letter one week prior and report of conversation one day before initial synchronization with the grid	3/9/2020	3/10/2020	Completed	3/12/2020								SERC	DSR
345	TSE	TSE-4b	CONS	**Notice to CAISO** - The project owner shall provide the following notice to the California Independent System Operator (California ISO) prior to synchronizing the facility with the California Transmission system: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter stating the proposed date of synchronization; and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	The project owner shall provide copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid. The project owner shall contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	Telephone notification to CAISO Outage Coordination department Note: use recorded line at 24hr desk	Letter one business day prior and report of conversation one day before initial synchronization with the grid	3/15/2020		In Progress									SERC	DSR
346	TSE	TSE-5a	COM/OPS	**As-Built Drawings** - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see **Decision** TSE-5 Verification for specifications)	Inspect transmission facilities during and after project construction. Contact CBO in writing with non-conformance of the transmission facility.	Within 10 days of discovering non-conformance	Conditional		Not Started									SERC	TLB
347	TSE	TSE-5b	COM/OPS	**As-Built Drawings** - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see **Decision** TSE-5 Verification for specifications)	"As built" engineering descriptions and one line drawings of electrical portion of facility, signed and sealed by Electrical Engineer in charge and a statement attesting conformance	Within 60 days after first synchronization of the project	5/15/2020		Not Started									SERC	GAF
348	TSE	TSE-5c	COM/OPS	**As-Built Drawings** - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see **Decision** TSE-5 Verification for specifications)	"As built" engineering descriptions of mechanical structure and civil portion of transmission facilities signed and sealed by Registered Engineer and maintain records at plant	Within 60 days after first synchronization of the project	5/15/2020		Not Started									SERC	GAF
349	TSE	TSE-5d	COM/OPS	**As-Built Drawings** - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see **Decision** TSE-5 Verification for specifications)	Summary of inspections of the completed transmission facilities and identification of any nonconforming work and corrective actions taken, signed and sealed by registered engineer submitted to CPM and CBO	Within 60 days after first synchronization of the project or completed transmission facilities	4/26/2020		Not Started									SERC	GAF

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:		Pre- Construction						
2	**All Phases**							6/30/2040							Construction						
3															Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
350	VIS	VIS-1a	PC	**Surface Treatment of Project Structures** - The project owner shall treat the surfaces of all project structures and buildings visible to the public such that a) their colors minimize visual intrusion and contrast by blending with the landscape; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances. The transmission line conductors shall be nonspecular and non-reflective, and the insulators shall be non-reflective and non-refractive. See **Decision** VIS-1 for specifications)	The project owner shall submit the proposed treatment plan to the CPM for review and approval and simultaneously to the city of Stanton for review and comment.	Proposed Surface Treatment Plan	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture	11/10/2017	2/26/19 3/6/2019	Completed	3/14/2019				3/12/2019 (Ref Only)	3/18/2019	City of Stanton	3/6/2019	3/11/2019 (City of Stanton Approval - no comments)	SERC	GAL
351	VIS	VIS-1b	PC/CONS	**Revised Surface Treatment Plan** - See VIS-1a	If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for review and approval.	Revised Surface Treatment Plan	Any modifications to the treatment plan must be submitted to the CPM for review and approval	Conditional		Not Started					(Ref Only)					SERC	GAL
352	VIS	VIS-1c	CONS	**Notification that Treatment Completed** - See VIS-1a	The project owner shall notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection and shall submit one set of electronic color photographs from the same Key Observation Points (KOP) 1 and 2.	Notification to the CPM that surface treatment is completed and color photographs	Prior to the start of commercial operation	5/25/2020		Not Started					(Ref Only)					SERC	GAL
353	VIS	VIS-1d	OPS	**Surface Treatment Maintenance** - See VIS-1a	Project owner shall provide status report regarding surface treatment maintenance in the ACR. The report shall specify a): the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occured during the reporting year; and c) the schedule of maintenance activities for the next year	Status Report	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
354	VIS	VIS-2a	CONS	**Screening Landscaping Plan** - The project owner shall also submit to the CPM for review and approval, and simultaneously to the city of Stanton for review and comment, a detailed landscape plan and irrigation plan for the power plant site in fulfillment of requirements of applicable laws, ordinances, regulations, and standards, including water efficiency irrigation standards as required by the city of Stanton. See **Decision** VIS-2 for specifications.	The landscaping plans and irrigation plans shall be submitted to the CPM for review and approval and simultaneously to the city of Stanton for review and comment at least 90 days prior to installation.	Landscaping and irrigation plans	At the earliest feasible time during or prior to construction and at least 90 days prior to installation	3/26/2020		In Progress					(Ref Only)		City of Stanton			SERC	GAL
355	VIS	VIS-2b	CONS	**Revised Landscaping and Irrigation Plans** - See VIS-2a	If the CPM determines that the plans require revision, the project owner shall provide to the CPM and simultaneously to the city of Stanton a revised plan for review and approval by the CPM.	Revised landscaping and irrigation plans	No specific time frame	Conditional		Not Started					(Ref Only)					SERC	GAL
356	VIS	VIS-2c	COM/OPS	**Landscape Installation Timing** - See VIS-2a	The planting must occur during the first optimal planting season following completion of site construction	Landscape and irrigation installation	First optimal planting season following construction	3/26/2020		In Progress					(Ref Only)					ARB	GAF
357	VIS	VIS-2d	COM/OPS	**Landscaping Ready for Inspection** - See VIS-2a	The project owner shall simultaneously notify the CPM and the city of Stanton within seven days after completing installation of the landscaping, that the landscaping is ready for inspection.	Notification that landscape is ready for inspection	Within seven days of completing the landscaping	5/25/2020		Not Started					(Ref Only)					SERC	GAL
358	VIS	VIS-2e	COM/OPS	**Landscaping Ready for Inspection** - See VIS-2a	The project owner shall report landscaping maintenance activities, including replacement or dead or dying vegetation, for the previous year of operation in each ACR. The CPM shall have authority to require replacement planting of dead or dying vegetation through the life of the project	Status Report	Annual Compliance Report	12/31/2020		Not Started										SERC	DSR
359	VIS	VIS-3a	CONS	**Site Lighting, Project Construction and Commissioning** -Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of on-site construction areas, and construction worker parking lots, minimizes potential night lighting impacts. (See **Decision** VIS-3 for specifications).	The project owner shall notify the CPM that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Within seven calendar days after the first use of construction lighting	3/8/2019	3/4/2019	Completed	3/7/2019									ARB	GAL

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2	**All Phases**							6/30/2040							Construction						
3															Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
360	VIS	VIS-3b	CONS	**Lighting Modifications Corrections** - See VIS-3a	If the CPM determines that modifications to the lighting are needed for any construction milestone, project owner shall correct the lighting and notify the CPM that modifications have been completed.	Lighting modifications/ corrections, notification to CPM	Within 14 calendar days of receiving notification	Conditional		Not Started											ARB	GAL
361	VIS	VIS-3c	CONS	**Complaint Reporting** - See VIS-3a	The project owner shall provide to the CPM a copy of any complaint reports and resolution form, including a schedule for implementing corrective measures to resolve the complaint.	Complaint report and resolution form, schedule for corrective measures	Within 48 hours of receiving a lighting complaint for any construction activity	Conditional		Not Started											SERC	GAL
362	VIS	VIS-3d	CONS	**Summary of Complaints in MCR** - See VIS-3a	The project owner shall report any lighting complaints and document their resolution in the monthly compliance report for the project, accompanied by copies of completed complaint report and resolution forms for that month.	Summary of complaints and resolution in MCR, including report and forms	Monthly	Monthly		In Progress											SERC	GAL
363	VIS	VIS-4a	PC/CONS	**Lighting Management Plan, Project Operation** - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See **Decision** VIS-4 for specifications).	The project owner shall submit the comprehensive Lighting Management Plan simultaneously to the Planning Director of the city of Stanton for review and comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Lighting Management Plan and transmittal letters to Planning Director of City of Stanton for review and comment	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018		Completed						(Ref Only) Submit 6/4/2019		City of Stanton	11/26/18	11/27/18	POWER	GAL
364	VIS	VIS-4b	PC/CONS	**Lighting Management Plan, Project Operation** - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See **Decision** VIS-4 for specifications).	The project owner shall submit the comprehensive Lighting Management Plan simultaneously to the Planning Director of the city of Stanton for review and comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Provide CPM with transmittal letter submitted to city and the Lighting Management Plan	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018	11/26/2018	Completed	11/27/2018					(Ref Only) Submit 6/4/2019					SERC	GAL
365	VIS	VIS-4c	CONS/COM /OPS	**Revised Lighting Plan** - See VIS-4a	If the CPM determines that the plan requires revision, the project owner shall provide a plan with the specified revision(s) for review and approval by the CPM. A courtesy copy of the revised plan shall be provided to the Planning Director of the city of Stanton for review and comment and the CPM from review and approval. No work to implement the plan (e.g., purchasing of fixtures) shall begin until final plan approval is received from the CPM.	Revised Lighting Plan	No specific time frame	Conditional			Not started					(Ref Only)					POWER	GAL
366	VIS	VIS-4d	CONS/COM	**Lighting Inspection Ready, Notification** - See VIS-4a	The project owner shall notify the CPM that installation of permanent lighting for the project has been completed and that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Prior to the start of commercial operation	5/25/2020		Not Started											SERC	GAL
367	VIS	VIS-4e	COM/OPS	**Changes to Lighting System** - See VIS-4a	If the CPM notifies the project owner that modifications to the lighting system are required, within 30 days of receiving that notification, the project owner shall implement all specified changes and notify the CPM that the modified lighting system(s) is ready for inspection.	Changes to the lighting system	30 days after receiving the notification	Conditional		Not Started					(Ref Only)					SERC	GAL

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2	**All Phases**							6/30/2040							Construction						
3															Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
368	VIS	VIS-4f	COM/OPS	**Lighting System Complaint** - See VIS-4a	Within 48 hours of receiving a complaint about permanent project lighting, the project owner shall provide to the CPM a copy of the complaint report and resolution form, including a schedule for implementing corrective measures to resolve the complaint	Notice to CPM	Within 48 hours of receiving a complaint permanent project lighting	Conditional		Not started					(Ref Only)						SERC	GAL
369	VIS	VIS-4g	COM/OPS	**Status Report in ACR - Lighting System** - See VIS-4a	Project owner shall report any complaints about permanent lighting and document their resolutioin in the ACR, accompanied by copies of completed complaint report and resolution forms for that year. The project owner shall not order any exterior lighting until receiving CPM approval of the lighting mitigation plan	Status Report	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)						SERC	DSR
370	VIS	VIS-4h	COM/OPS	**Pre-COD Inspection - Lighting System** - See VIS-4a	Prior to COD, project owner shall notify CPM that installation of the lighting has been completed and is ready for inspection.	Notification to CPM	Prior to the start of commercial operation	5/25/2020		Not Started					(Ref Only)						SERC	GAL
371	VIS	VIS-4i	COM/OPS	**Pre-COD Inspection - Lighting System** - See VIS-4a	If after inspection the CPM notifies the project owner that modifications to the lighting are needed, within 30 days of receiving that notification the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection	Notification to CPM	Within in 30 days of receiving notification	Conditional		Not Started					(Ref Only)						SERC	GAL
372	WASTE	WASTE-10a	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 30 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit a Soils Information Form to Orange County Waste and Recycling and the CPM.	Obtain approval letter from Orange County Waste and Recycling	30 days prior to transportation of soils for disposal to Olinda Alpha Landfill	1/19/2019	2/5/2019	Completed	2/12/2019						Orange County Waste and Recycling	2/5/18	2/12/18	SERC	GAL
373	WASTE	WASTE-10b	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 5 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit to the	Approval letter/correspondence from Orange County Waste and Recycling	5 days prior to transportation of soils for disposal to Olinda Alpha Landfill	2/13/2019	2/14/2019	Completed	2/22/2019									SERC	GAL
374	WASTE	WASTE-1a	PC	Landfill from Orange County Waste and Recycling.	At least 45 days prior to any earthwork, the project owner shall submit the SMP to the CPM for review and approval.	Soil Management Plan Summary (SMP to be written and provided by NVS)	At least 45 days prior to any earthwork	11/18/2018	10/18/2018	Completed	10/19/2018									JACOBS	GAL
375	WASTE	WASTE-1b	CONS	**SMP Summary** - See WASTE-1a	An SMP summary shall be submitted to the CPM within 25 days of completion of any earthwork.	Soil Management Plan Summary	Within 25 days of completion of any earthwork	6/1/2020		Not Started										JACOBS	GAL
376	WASTE	WASTE-2	PC	**Professional Engineer/Geologist** - Provide the resume of an experienced and qualified Professional Engineer or Professional Geologist, who shall be available for consultation during site characterization (if needed), demolition, excavation and grading activities, to the	At least 30 days prior to the start of site mobilization, submit the resume of the Professional Engineer or Professional Geologist to the CPM for review and	Professional Engineer / Geologist Resume	At least 30 days prior to the start of site mobilization	12/3/2018	11/30/2018	Completed	1/8/2019									JACOBS	GAL
377	WASTE	WASTE-3a	CONS	**Final Engineer/Geologist Report** - If seemingly contaminated soil is identified during site characterization, demolition, excavation, or grading at either the proposed site or linear facilities (as evidenced by discoloration, odor, detection by handheld instruments, or other signs), the professional engineer 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 project owner, representatives of Department of Toxic Substances Control, and the CPM stating the	The project owner shall submit any final reports filed by the professional engineer or professional geologist to the CPM within five days of their receipt.	Final reports by the engineer or geologist	Within 5 days of receipt	Conditional	6/12/19 (final NV% reports on 2 barrels and notification of barrel removal)	Completed	6/12/2019									JACOBS	GAL
378	WASTE	WASTE-3b	CONS	**Construction Halt Notification** - See WASTE-3a	The project owner shall notify the CPM within 24 hours of any orders issued to halt construction due to contaminated soil.	Notify the CPM	Within 24 hours of orders to halt construction	Conditional		Not started										SERC	GAL

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
279	WASTE	WASTE-4a	PC	**Construction and Demolition Environmental Resources Management Plan** - The project owner shall prepare a Construction and Demolition (C & D) Environmental Resources Management and Recycling Plan for demolition and construction wastes generated and shall submit a copy of the plan to the Orange County's Public Works/Planning Department for review, and to the CPM for review and approval. See **Decision** WASTE-4 for specifications.	The project owner shall submit the C & D Environmental Resources Management and Recycling Plan to Orange County's Public Works Department for review and comment	Construction and Demolition Environmental Resources and Management Plan	30 days prior to the initiation of demolition activities at the site	12/3/2018	[redacted]	Completed	[redacted]							OCPW	11/1/2018	1/28/2019 (Approved by CPM. No Comments were received from OCPW)	JACOBS	GAF
280	WASTE	WASTE-4b	PC	**Construction and Demolition Environmental Resources Management Plan** - The project owner shall prepare a Construction and Demolition (C & D) Environmental Resources Management and Recycling Plan for demolition and construction wastes generated and shall submit a copy of the plan to the Orange County's Public Works/Planning Department for review, and to the CPM for review and approval. See **Decision** WASTE-4 for specifications.	The project owner shall submit the C & D Environmental Resources Management and Recycling Plan to the CPM for review and approval.	Construction and Demolition Environmental Resources and Management Plan	30 days prior to the initiation of demolition activities at the site	12/3/2018	11/1/2018	Completed	1/28/2019										JACOBS	GAL
281	WASTE	WASTE-4c	CONS	**Waste Volumes Reported in MCR** - See WASTE-4a	The project owner shall also document in each monthly compliance report (MCR) the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Construction and Demolition Waste Management Plan; and update the Construction and Demolition Waste Management Plan as necessary to address current waste generation and management practices.	Waste volumes and waste management methods in Monthly Compliance Reports	Monthly	Monthly		In Progress										ARB	GAL
282	WASTE	WASTE-5a	PC/CONS	**Asbestos-Containing Materials** - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for asbestos-containing material (ACM) and notify the CPM of the results. In the case of a need to remove such material, the project owner shall complete and submit a copy of a South Coast Air Quality Management District Notification of Demolition or Renovation Form to the CPM as related to asbestos and other materials.	Prior to demolition of pipelines, buildings, and associated structures, project owner shall survey for asbestos-containing material (ACM) and notify the CPM of the results	Notify CPM of ACM survey results	Prior to demolition of pipelines, buildings, and associated structures	12/6/2018	2/13/2019	Completed	2/22/2019				Asbestos Survey: 2/13/2019 Garage Demo Plan: 2/20/2019	Asbestos Survey: 2/14/2019 Garage Demo Plan: 2/25/2019				AEC	GAL
283	WASTE	WASTE-5b	PC/CONS	**Asbestos-Containing Materials** - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for asbestos-containing material (ACM) and notify the CPM of the results. In the case of a need to remove such material, the project owner shall complete and submit a copy of a South Coast Air Quality Management District Notification of Demolition or Renovation Form to the CPM as related to asbestos and other materials.	The project owner shall provide the Notification of Demolition or Renovation Form to the CPM for review.	Notification of Demolition or Renovation Form to CPM	No less than 60 days prior to commencement of structure demolition	12/6/2018	2/13/2019	Completed	2/22/2019										AEC	GAL
284	WASTE	WASTE-5c	PC/CONS	**Asbestos-Containing Materials** - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for asbestos-containing material (ACM) and notify the CPM of the results. In the case of a need to remove such material, the project owner shall complete and submit a copy of a South Coast Air Quality Management District Notification of Demolition or Renovation Form to the CPM as related to asbestos and other materials.	In the case of asbestos removal, the project owner shall inform the CPM, via the Monthly Compliance Report of the date when all ACM is removed from the site.	ACM removal description in Monthly Compliance Reports	Monthly Compliance Report	Monthly		Completed	4/13/2019									SERC	GAL
285	WASTE	WASTE-6	CONS/COM /OPS	**Hazardous Waste Generator ID** - The project owner shall report new or temporary hazardous waste generator identification numbers from the United States Environmental Protection Agency prior to generating any hazardous waste during demolition, construction, or operations.	The project owner shall keep a copy of the identification number(s) on file at the project site and provide documentation of the hazardous waste generation and notification and receipt of the number to the CPM in the next scheduled Monthly Compliance Report after receipt of the number. Submittal of the notification and issued number	Report new or temporary Hazardous waste generator ID numbers in Monthly Compliance Report	Monthly Compliance Report	Monthly		In Progress										SERC	GAL

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386	WASTE	WASTE-7	CONS/OPS	**Enforcement Action Notification** - Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken, or proposed to be taken, against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within ten days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the way project-related wastes are managed.	Notify CPM	Within 10 days of becoming aware of an impending enforcement action.	Conditional		Not started										SERC	GAL
387	WASTE	WASTE-8a	COM/OPS	**Operation Waste Management Plan** - The project owner shall prepare an Operation Waste Management Plan for all wastes generated during operation of the facility and shall submit the plan to the CPM for review and approval. See **Decision** WASTE-8 for specifications.	The project owner shall submit the Operation Waste Management Plan to the CPM for approval.	Operation Waste Management Plan	No less than 30 days prior to the start of project operation	11/12/2020		Not Started										SERC	DSR
388	WASTE	WASTE-8b	COM/OPS	**Revised OWMP** - See WASTE-8a	The project owner shall submit any required revisions of the Waste Management Plan to the CPM.	Revised Operation Waste Management Plan	Within 20 days of notification from the CPM that revisions are necessary.	Conditional		Not Started										SERC	DSR
389	WASTE	WASTE-8c	OPS	**OWMP Report in ACR** - See WASTE-8a	Project owner shall also document in each ACR the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generated and management	Status Report	Annual Compliance Report	12/31/2020												SERC	DSR
390	WASTE	WASTE-9	CONS/OPS	**Unauthorized Release Response** - The project owner shall ensure that all 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.	The project owner shall document all unauthorized releases and spills of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors to the CPM. Information including the location of release; date and time of release; reason for release; volume released; amount of contaminated soil/material generated; how release was managed and material cleaned up; if the release was reported; to whom the release was reported; release corrective action and cleanup requirements placed by regulating agencies; level of cleanup achieved and actions taken to prevent a similar release or spill; and disposition of any hazardous wastes and/or contaminated soils and materials that may have been generated by the release.	Information about unauthorized release or spill	Within 48 hours of the date the release was discovered	Conditional	3/1/2019 6/14/2019	Completed	3/7/2019 6/18/2019									SERC	GAL
391	WORKER SAFETY	WORKER SAFETY-1a	PC	**Construction H&S Program** - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See **Decision** WORKER SAFETY-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittal to the CPM for approval.	The project owner shall submit to the CPM for review and approval a copy of the Project Construction and Safety and Health Program.	Construction Health & Safety Program w/OCFA Comments CFPP and EAP	At least 30 days prior to start of construction	12/3/2018	12/3/2018 3/11/2020	Completed	1/29/2019				1/16/19 3/11/2020	2/4/2019				ARB	GAL

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392	WORKER SAFETY	WORKER SAFETY-1b	PC	**Construction H&S Program** - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See **Decision** WORKER SAFETY-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittal to the CPM for approval.	The project owner shall provide to the CPM a copy of a letter from the Orange County Fire Authority stating the fire department's comments on the Construction Fire Prevention Plan and the Emergency Action Plan.	Construction Health & Safety Program w/OCFA Comments CFPP and EAP	At least 30 days prior to start of construction	12/3/2018	Original 12/3/2018; Revision 1/17/2019	Completed	N/A				1/16/19	2/4/2019	OCFA	12/3/2018	No response	ARB	GAL
393	WORKER SAFETY	WORKER SAFETY-2a	COM/OPS	**Operations H&S Program** - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	The project owner shall submit to the CPM for approval a copy of the Project Operations and Maintenance Safety and Health Program.	Operations and Maintenance Safety and Health Program w/ comments of OCFA	At least 30 days prior to the start of first-fire or commissioning	2/15/2020	2/9/2020 2/24/2020	In Progress					3/4/2020		OCFA	2/9/2020	20-Feb-20	SERC	DSR
394	WORKER SAFETY	WORKER SAFETY-2b	COM/OPS	**Operations H&S Program** - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	The project owner shall provide a copy to the CPM of a letter from the Orange County Fire Authority stating the fire department's timely comments on the Operations Fire Prevention Plan, Fire Protection System Impairment Program, and Emergency Action Plan.	Operations and Maintenance Safety and Health Program w/ comments of OCFA	At least 30 days prior to the start of first-fire or commissioning	2/15/2020	2/25/2020	In Progress									SERC	DSR
395	WORKER SAFETY	WORKER SAFETY-3a	PC	**Construction Safety Supervisor** - Provide a site Construction Safety Supervisor (CSS) who is qualified as specified in this condition (See **Decision** WORKER SAFETY-3 for specifications). The CSS shall perform the duties listed in this condition.	The project owner shall submit to the CPM the name and contact information for the Construction Safety Supervisor (CSS).	CSS Name/Contact	At least 30 days prior to the start of site mobilization	12/3/2018	11/20/2018	Completed	11/21/2018			3/13/2020	1/16/2019	1/17/2019 3/16/2020				ARB	GAL
396	WORKER SAFETY	WORKER SAFETY-3b	PC/CONS	**Replacement CSS** - See WORKERSAFETY-3a	The contact information of any replacement CSS shall be submitted to the CPM within one business day	Replacement CSS Name/Contact	Within one business day	Conditional		Not started					Conditional					ARB	GAL
397	WORKER SAFETY	WORKER SAFETY-3c	CONS	**H&S Information Reported in MCR** - See WORKERSAFETY-3a	The CSS shall submit health and safety information in the Monthly Compliance Report (See **Decision** WORKERSAFETY 3 Verification for specifications)	Health and safety information for MCR	Monthly	Monthly		In Progress					Monthly					ARB	GAL
398	WORKER SAFETY	WORKER SAFETY-4	PC	**Agreement to Fund Safety Monitor** - The project owner shall make payments to the Delegate Chief Building Official (DCBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project owner and the DCBO. Those services shall be in addition to other work performed by the DCBO. The Safety Monitor shall be selected from an independent company not affiliated with the DCBO and report directly to the DCBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification WORKER SAFETY-3, implements all appropriate Cal/OSHA and Energy Commission safety requirements. The Safety Monitor shall conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.	The project owner shall provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	Proof of Agreement to fund Safety Monitor	At least 60 days prior to the start of construction	11/3/2018	11/1/2018	Completed	1/18/2019				1/25/2019	1/25/2019				SERC	GAL
399	WORKER SAFETY	WORKER SAFETY-5a	PC	**Automatic External Defibrillator** - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See **Decision** WORKER SAFETY-5). The training program shall be submitted to the CPM for review and approval.	Submit to the CPM proof that a portable AED is available on site	Proof of AED	At least 30 days prior to the start of site mobilization	12/3/2018	11/15/2018	Completed	12/11/2018				1/22/2019 (Ref Only)	1/23/2019				ARB	GAL
400	WORKER SAFETY	WORKER SAFETY-5b	PC	**Automatic External Defibrillator** - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See **Decision** WORKER SAFETY-5). The training program shall be submitted to the CPM for review and approval.	Submit to the CPM a copy of the training and maintenance program for review and approval.	Training Program	At least 30 days prior to the start of site mobilization	12/3/2018	11/15/2018	Completed	12/11/2018				1/22/2019 (Ref Only)	1/23/2019				ARB	GAL

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401	WORKER SAFETY	WORKER SAFETY-6a	PC	**Emergency Access Plan** - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton site where the specifications of the roadway will comply with the Stanton Municipal Code and the 2016 (or latest edition) California Fire Code. A secondary access must be maintained to the standards listed above for the life of the project.	The project owner shall submit the Emergency Access Plan showing the secondary emergency access to the Orange County Fire Authority for review and timely comment	Emergency Access Plan	At least 60 days prior to the start of construction, or within a time frame approved by the CPM	12/6/2018	11/2/2018	Completed	11/15/2018				1/18/2019 (Ref Only)	1/18/2019	OCFA	11/2/2018 12/11/2018		Jacobs	GAL
402	WORKER SAFETY	WORKER SAFETY-6b	PC	**Emergency Access Plan** - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton site where the specifications of the roadway will comply with the Stanton Municipal Code and the 2016 (or latest edition) California Fire Code. A secondary access must be maintained to the standards listed above for the life of the project.	The project owner shall submit the Emergency Access Plan showing the secondary emergency access to the CPM for review and approval.	Emergency Access Plan	At least 60 days prior to the start of construction, or within a time frame approved by the CPM	12/6/2018	11/2/2018	Completed	11/15/2018				1/18/2019 (Ref Only)	1/18/2019				Jacobs	GAL
403	WORKER SAFETY	WORKER SAFETY-6c	PC/CONS	**Emergency Access Plan, Revised** - See WORKERSAFETY-6a	If a change to the secondary access is proposed by the project owner, the project owner must submit the proposed change, with an updated Emergency Access Plan that shows the new proposed location/ arrangement for the secondary emergency access road, to the Orange County Fire Authority for review and timely comment	Emergency Access Plan showing the secondary emergency access road	90 days before a change to the secondary access would occur	Conditional									OCFA			JACOBS	GAL
404	WORKER SAFETY	WORKER SAFETY-6d	PC/CONS	**Emergency Access Plan, Revised** - See WORKERSAFETY-6a	If a change to the secondary access is proposed by the project owner, the project owner must submit the proposed change, with an updated Emergency Access Plan that shows the new proposed location/ arrangement for the secondary emergency access road, to the CPM for review and approval.	Emergency Access Plan showing the secondary emergency access road	91 days before a change to the secondary access would occur	Conditional		Not started									JACOBS	GAL
405	WORKER SAFETY	WORKER SAFETY-7a	PC/CONS	**Fire Protection System Specifications** - The project owner shall adhere to all applicable provisions of the latest version of NFPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project owner shall interpret and adhere to all applicable NFPA 850 recommended provisions and actions stating "should" as "shall." In any situations where both NFPA 850 and the state or local LORS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NFPA 850. The project owner shall provide all fire protection system specifications and drawings to the Orange County Fire Authority for review and comment	Fire protection system specifications and drawings to the OCFA	At least 60 days prior to the start of construction of the fire protection system	7/28/2019		In Progress						OCFA OCFA	2/4/2019 11/21/19		POWER	TAT
406	WORKER SAFETY	WORKER SAFETY-7b	PC/CONS	**Fire Protection System Specifications** - The project owner shall adhere to all applicable provisions of the latest version of NFPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project owner shall interpret and adhere to all applicable NFPA 850 recommended provisions and actions stating "should" as "shall." In any situations where both NFPA 850 and the state or local LORS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NFPA 850. The project owner shall provide all fire protection system specifications and drawings to the CPM for review and approval	Fire protection system specifications and drawings to the CPM	At least 60 days prior to the start of construction of the fire protection system	12/6/2018	2/6/2019 4/22/2019 12/16/2019	In Progress									Power	GAL
407	WORKER SAFETY	WORKER SAFETY-7c	PC/CONS	**Fire Protection System Specifications** - The project owner shall adhere to all applicable provisions of the latest version of NFPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project owner shall interpret and adhere to all applicable NFPA 850 recommended provisions and actions stating "should" as "shall." In any situations where both NFPA 850 and the state or local LORS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NFPA 850. The project owner shall provide all fire protection system specifications and drawings to the DCBO for plan check approval and construction inspection.	Fire protection system specifications and drawings to the DCBO	At least 60 days prior to the start of construction of the fire protection system	7/28/2019		In Progress					7-1.0: 2/4/19 7-2.0: 3/29/19 7-3.0: 4/18/19 7-4.0: 4/18/19 7-5.0: 4/18/19 7-6.0: 5/1/19 7-9 .0 10/16/19	7-1.0: 5/14/19 7-2.0: 5/15/19 7-3.0: 5/16/19 7-4.0: 7-5.0: 7-6.0: 5/14/19 7-9.0 10/29/19				Power	GAL
408	WORKER SAFETY	WORKER SAFETY-8a	PC/CONS	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide UL 9540 design certification for the ESS or a copy of the contract with UL (or authorized UL agent) to perform a field certification during construction of the ESS to obtain UL 9540 certification to the CPM	Copy of UL 9540 design certification for the ESS, or copy of the contract with UL to perform field certification during construction of the ESS to obtain UL 0540 certification to the CPM.	At least 60 days prior to the start of construction of BESS	10/3/2019	11/1/2018	Completed	11/13/2018									SERC	GAL

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409	WORKER SAFETY	WORKER SAFETY-8a.1	PC	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide UL 9540 design certification for the ESS or a copy of the contract with UL (or authorized UL agent) to perform a field certification during construction of the ESS to obtain UL 9540 certification to the CPM	Copy ofUL 9540 design certification for the ESS, or copy of the contract with UL to perform field certification during construction of the ESS to obtain UL 0540 certification to the CBO.	At least 60 days prior to the start of construction of BESS	1/9/2020		Completed					(Ref Only) 10/14/2019						SERC	GAL
410	WORKER SAFETY	WORKER SAFETY-8b	PC	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide the complete ESS fire protection drawings and specifications to the OCFA for review and comment	The project owner shall provide the complete ESS fire protection drawings and specifications to the **OCFA** for review and comment .	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not started							OCFA				SERC	GAL
411	WORKER SAFETY	WORKER SAFETY-8b.1	PC/CONS	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide the complete ESS fire protection drawings and specifications to the CPM for review and approval.	The project owner shall provide the complete ESS fire protection drawings and specifications to the **CPM** for review and approval.	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started											SERC	GAL
412	WORKER SAFETY	WORKER SAFETY-8b.2	PC/CONS	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide the complete ESS fire protection drawings and specifications to the CBO for reference only.	UL 9540 certification and drawings and specifications for the ESS to the CBO.	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started					(Ref only)						SERC	GAL
413	WORKER SAFETY	WORKER SAFETY-8c.1	PC/CONS	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall submit a copy of letter from UL stating that the design drawings for the ESS have been reviewed and meet UL 9540 requirements for performing a field certification to the CPM	Letter from UL to CPM	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started											SERC	GAL
414	WORKER SAFETY	WORKER SAFETY-8c.2	PC/CONS	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall submit a copy of letter from UL stating that the design drawings for the ESS have been reviewed and meet UL 9540 requirements for performing a field certification to the CBO	Letter from UL to CBO	At least 60 days prior to the start of construction of the BESS	11/1/2019		Not Started					(Ref only)			UL			SERC	GAL
415	WORKER SAFETY	WORKER SAFETY-8e	CONS	**Letter to OCFA** - See WORKERSAFETY-8a	The project owner shall provide a copy of a letter sent from the project owner to the OCFA offering collaboration and assistance in developing standard operating procedures for first responders to deal with any lithium ion battery fires occurring at the project site.	Copy of letter to OCFA offering to develop procedures	At least 60 days prior to commissioning of BESS	1/30/2020													SERC	GAL

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3															Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO**	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
416	WORKER SAFETY	WORKER SAFETY-8e.1	CONS	**Letter to OCFA** - See WORKERSAFETY-8a	The project owner shall provide a copy of a letter sent from the project owner to the OCFA offering collaboration and assistance in developing standard operating procedures for first responders to deal with any lithium ion battery fires occurring at the project site to the CBO for reference only.	Copy of letter to OCFA offering to develop procedures, to CBO for reference only.	At least 60 days prior to commissioning of BESS	1/30/2020							(Ref only)		OCFA	1/9/20		SERC	GAL
417	WORKER SAFETY	WORKER SAFETY-8f	CONS	**Final UL Certification of ESS** - See WORKERSAFETY-8a	The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CPM	Final UL Certificaction of ESS to CPM.	Prior to the start of BESS commissioning	4/14/2020		Not Started										SERC	GAL
418	WORKER SAFETY	WORKER SAFETY-8f.1	CONS	**Final UL Certification of ESS** - See WORKERSAFETY-8a	The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CBO.	Final UL Certificaction of ESS to CBO for reference only.	Prior to the start of BESS commissioning	4/14/2020		Not started					(Ref only)					SERC	GAL

Attachment 3 – Air Quality

Subject	**Stanton Energy Reliability Center (16-AFC-1C)** **Air Quality Monthly Compliance Report** **March 2020**
Project Name	Stanton Energy Reliability Center (SERC) (16-AFC-1C)
Attention	Tim Bofman, SERC, LLC
From	Hong Zhuang, Jacobs SERC CEC Designated Air Quality Construction Mitigation Manager
Date	April 6, 2020
Copies to	Mike Malsy, Wellhead John Kimble, Wellhead Sharon Stureman, SERC, LLC Doug Davy, Jacobs Karen Parker, Jacobs

This Monthly Compliance Report (MCR) summarizes the activities conducted at the Stanton Energy Reliability Center (SERC site) in March 2020 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. There were no construction activities at the Southern California Edison's SERC 66KV Interconnection Project site (SCE site) in March 2020.

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

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 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 A and are summarized in Table 1 below.

Table 1. Fugitive Dust Control Measures

AQ-SC3

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

[a]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 March 2020 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 SERC sites in March 2020 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN
Case	580 Super N Back Hoe	TP8N95
CAT	Rough Terrain Forklift	SF7A56
CAT	308E2 Excavator	DA7T55
CAT	259D Skid Steer loader	JX4T34
Cummins	A054C907 Portable Generator	184549
Deere	210l Skip Loader	WK9J63
GEHL	Forklift 42' 8k RS8-42	RX4E83
JCB	509-42 Rough Terrain Forklift	XS3Y34
JLG	6042 T4F 6K Reach Forklift	HN6U33
JLG	Boom Lift	XM8N56
JLG	1255	EK5E78
JLG	1255 Rough Terrain Forklift	EY7H78
John Deere	Back Hoe 410L	DC9G67
John Deere	Excavator 345LC-6	XL6K76
Xtreme	XR1255 Forklift	VC6G63

Attachments B provides a table summarizing information about the engines, including the CARB Engine Identification Number (EIN), tier, and the dates the equipment was used at the project site. Attachments B also contain the AQ-SC5 daily field checklists for off-road diesel engines used at site and letters from the equipment owners indicating the equipment has been properly maintained.

JACOBS

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

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.03 07:06:42 -08'00'

Date: 03/02/2020

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?	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? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (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:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 06:51:16 -07'00'

Date: 03/03/2020

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?	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? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 06:51:56 -07'00'

Date: 03/04/2020

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?	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? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 06:52:59 -07'00'

Date: 03/05/2020

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?	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? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 06:53:55 -07'00'

Date: 03/06/2020

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?	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? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 06:55:56 -07'00'

Date: 03/07/2020

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?	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? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 06:57:16 -07'00'

Date: 03/09/2020

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?	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?	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 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).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 06:58:03 -07'00'

Date: 03/10/2020

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?	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?	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 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).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 06:58:42 -07'00'

Date: 03/11/2020

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?	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?	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 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).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 06:59:47 -07'00'

Date: 03/12/2020

Form: SERC-CAQ-001

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?	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?	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 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).**	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:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:00:27 -07'00'

Date: 03/13/2020

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?	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?	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 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).**	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:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:05:24 -07'00'

Date: 03/14/2020

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?	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? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (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:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:06:22 -07'00'

Date: 03/16/2020

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?	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? **If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (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:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:07:29 -07'00'

Date: 03/17/2020

Form: SERC-CAQ-001

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?	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?	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 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).**	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:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:08:12 -07'00'

Date: 03/18/2020

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?	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?	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 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).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:09:03 -07'00'

Date: 03/19/2020

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?	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?	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 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).**	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:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:11:58 -07'00'

Date: 03/20/2020

Form: SERC-CAQ-001

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?	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?	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 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).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:12:35 -07'00'

Date: 03/23/2020

Form: SERC-CAQ-001

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?	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?	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 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).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:13:12 -07'00'

Date: 03/24/2020

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?	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?	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 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).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.04 10:40:03 -07'00'

Date: 03/25/2020

Form: SERC-CAQ-001

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?	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?	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 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).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.04 10:40:29 -07'00'

Date: 03/26/2020

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?	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?	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 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).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.04 10:41:11 -07'00'

Date: 03/27/2020

Form: SERC-CAQ-001

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?	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?	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 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).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.04 10:42:11 -07'00'

Date: 03/28/2020

Form: SERC-CAQ-001

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?	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?	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 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).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.04 10:42:43 -07'00'

Date: 03/30/2020

Form: SERC-CAQ-001

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?	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?	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 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).**	N	

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ADDITIONAL NOTES:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project
(16-AFC-01C)

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.04 10:43:04 -07'00'

Date: 03/31/2020

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?	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?	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 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).**	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:

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: MARCH 2020		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
3/2	10:15 AM				✓	Neal Ruby	
3/3	1:45 PM				✓	Neal Ruby	
3/4	12:20				✓	Neal Ruby	
3-5	1:00				X	J. Sawby	
3-6	2:00				X	J. Sawby	
3/9	2:15				✓	Neal Ruby	
3/10	10:20				✓	Neal Ruby	
3-11	2:00				X	J. Sawby	
3-12	11:00				X	J Sawby	
3/13	1:45				✓	Neal Ruby	
3/16	11:00				✓	Neal Ruby	
3/17	2:00				✓	Neal Ruby	
3/18	1:15				X	J Sawby	
3/19	1:30 PM				X	J Sawby	
3/20	10:00 AM				X	Adrian Perez	
3/20	2:15 PM				X	J. Sawby	
3/23	12:30 PM				X	J. Sawby	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: MARCH		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
3/24	10:09 AM				X	Max Hernandez	
3/24	2:15 PM				X	Max Hernandez	
3/25	9:45				X	Raul Rabago	
3-26	10:15				X	Adrian Perez	
3-26	2:00				X	Adrian Perez	
3/27	9:50				X	Max Hernandez	
3-27	2:00				X	Raul Rabago	
3-30	10:00				X	Adrian Perez	
3-30	2:00				X	Raul Rabago	
3/31	7:50				X	Adrian Perez	
3/31	11:00				X	Adrian Perez	
3/31	2:10				X	Raul Rabago	

Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project (16-AFC-01C)

Sweeping Log

Month/Year: MARCH 2020		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
3/6	1:30	X	X	X		J. Sanchez	
3/12	1:30	X	X	X		T. Bottler	
3/16 NEW CONTRACTOR TOOK OVER THIS SIDE.							
3/18	2:15	X	X	X		M.	
3/20	1:25	X	X	X		J Sanchez	
3/24	2.30	X	X	X		Adrian Perez	
3/25	2:05	✓	✓	✓		Terri Botteller	
3/26	2:30		✓	✓		Terri Botteller	
3-27	2:00		✓	✓		Adrian Perez	TTS DROVE THE EXCAVATOR ON TO FERN TO LOAD OUT.
3/30 THE OTHER CONTRACTOR STARTED BRINGING ON EQUIPMENT & MATERIAL							

Month/Year		Sweeping Area (Check if swept)			Operator Signature	Comments
03 2020						
Date	Time	Onsite	Pacific	Fern		
3/16	11:00am	✓	✓	✓	Tim Pontremoli	Ecavator delivery
3/17	4:00pm	✓	✓	✓	Stephen Wait	
3/18	3:45pm	✓	✓	✓	Stephen Wait	
3/19	4:30	✓	✓	✓	Stephan Wait	
3/20						off site
3/21						"
3/22						
3/23						
3/24						
3/25						
3/26						
3/27						
3/28						
3/29						
3/30						
3/31						"

JACOBS

Appendix B
Documentation of AQ-SC5 Compliance (SERC Site)

SERC Offroad Diesel Equipment Inventory March 2020

				Equipment						Engine										
Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter	Manufacturer	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	Diesel (hp)	Tier	Engine Certification on File	Compliance Tag	Notes
2/4/2019	Onsite	VC6G63	SERC_001	Xtreme	XR1255 Forklift	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	
2/20/2019	3/21/2019	NA	SERC_002	Multiquip	DCA70SSIU4F - Generator	2015	NA	United Rentals	ARB	Isuzu	JCEXL04.5AAJ	BR-4JJ1x	2.9	2015	74402993	95.2	T4	NA	Green tag issued 02/19/2019	EO not available. Tier 4 verified based in engine specs.
2/20/2019	10/2/2019	BX3T54	SERC_003	CASE	580 SN - BackHoe	2014	JJ6N585NLECT05659	D+S BACKHOE 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	
2/20/2019	5/20/2019	YS5A98	SERC_006	CAT	56S - 84" roller	2014	L8H00587	Ortiz	Ortiz	CAT	DPKXL04.4MI1	C4.4	NA	2013	C7N11131	156.9	4I	NA	Green tag issued 02/27/2019	on EPA NRCI data https://www.epa.gov/compliance-and-
2/25/2019	3/8/2019	YV7D79	SERC_007	Volvo	ECR235I - 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	GSZXL09.8QXA	6UZ1	NA	2016	527667	362	4	u-r-006-0421	Green tag issued 02/27/2019	
2/26/2019	3/1/2019	SK8S74	SERC_010	CAT	450F - Backhoe	2016	HJR00594	Lalonde	Ortiz	Perkins Engine 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	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	4I	u-r-022-0176-1	Green Tag issued on 3/7/2019	
3/12/2019	3/18/2019	RG5N99	SERC_013	CAT	966K Wheel Loader	2011	TFS00270	Ortiz	Ortiz	CAT	BCPXL09.3HPA	C9.3	9.3	2011	MME03431	274	4I	u-r-001-0409	Green Tag issued on 3/15/2019	
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	4I	u-r-002-0586	Green Tag issued on 3/22/2019	Will only be on site for a few days while SERC ID: SERC_012 is offsite for repairs
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	
3/22/2019	Onsite	SF7A56	SERC_016	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	4I	u-r-022-0176-1	Green Tag issued on 3/22/2019	Formerly SERC_012 (was removed on 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	12/11/2019	JW5N58	SERC_018	Genie	5K Reach Fork	2015	10366180	United Rentals	Newtron	Deutz AG	FDZXl02.9020	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 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 Rentals	Ortiz	John Deere	FJDXL04.5211	4045 HT070 A,B,C,D	4.5	2015	R534172-B	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	CAT	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 Systems	FJDXL04.5212	4045HT072	4.52	2016	PE4045R108158	70	4	ARB EO not available. Verified 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	12/27/2019	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	4I	u-r-002-0006-1	Blue Tag Issued 8/14/2019	Removed from Site 8/27/2019. Green tag not issued
8/27/2019	12/11/2019	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	12/17/2019	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 notification from Hong Zhuang (AQCMM) on 9/3/2019.
9/10/2019	Onsite	HN6U33	SERC_032	JLG	6042 T4F 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 Generator	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 tag not issued
9/16/2019	10/25/2019	WP9E86	SERC_034	JLG	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	
9/23/2019	1/31/2020	XG7V58	SERC_035	Grove	GRT880 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	2/24/2020	NL7M56	SERC_036	JLG	600AJ Articulating Boom Lift	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	860SJ 85' Boom lift	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	SERC_038	CAT	308E2 Excavator	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	3/5/2020	XM8N56	SERC_039	JLG	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	12/2/2019	JX4T34	SERC_040	CAT	259D Skid Steer loader	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	

SERC Offroad Diesel Equipment Inventory March 2020

				Equipment						Engine										
Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter	Manufacturer	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	Diesel (hp)	Tier	Engine Certification on File	Compliance Tag	Notes
11/20/2019	2/21/2020	SX6J96	SERC_041	JLG	800AJ Boom Lift	2018	10790746	United Rentals	ARB	Deutz	JDZXL02.9020	TD2.94L4	2.9	2018	12165591	67	4	u-r-013-0553	Green Tag issued 11/21/2019	Transfer Renter from Newtron to ARB on 1/28/2020. Eqpt remain on site.
11/21/2019	1/14/2020	JJ6V59	SERC_042	JLG Boom Lift	660SJ 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	
12/2/2019	Onsite	TP8N95	SERC_043	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 12/5/12019	Formerly SERC_026
12/9/2019	12/12/2019	BJ8F34	SERC_044	Bob cat	Bobcat S630 Skid Steer Loaded	2017	AHGL13302	Sunstate	Alcorn Fence	Doosan	GDICL2.4LEA	D24	2.94	2017	6087495	74	4	u-r-019-0141	Green tag not issued	Equipment left in 4 days.
12/11/2019	12/17/2019	JL7G69	SERC_045	JCB	509-42 Rough Terrain Forklift	2015	10423918	United Rentals	Newtron	JCB Power Systems	EJCBL04.4TA9	444 TA4-81 L1A	4.4	2014	40983U3460614	109	4I	U-R-049-0036	Green Tag issued 12/17/2019	
12/11/2019	Onsite	XS3Y34	SERC_046	JCB	509-42 Rough Terrain Forklift	2014	10265927	United Rentals	Newtron	JCB Power Systems	EJCBL04.4TA9	444 TA4I-81L1	4.4	2014	SH320/40532U0619714	109	4I	U-R-049-0036	Green Tag issued 12/17/2019	
12/12/2019	Onsite	JX4T34	SERC_047	CAT	259D Skid Steer loader	2019	FTL20141	Quinn Heavy Rents	ARB	Kubota	JKBXL03.3EKD	C3.3B	3.33	2018	8JQ3031	73	4	u-r-025-0786	Green Tag issued 12/17/2019	Formerly SERC_040
12/13/2019	1/29/2020	DC5H96	SERC_048	JLG	G10-55A 55' Forklift	2017	160079607	Sunbelt Rentals	Alcorn Fence	Cummins	GCEXL03.8AAA	QSF3.8	3.8	2016	89880083	130	4	U-R-002-0640-1	Green Tag issued 12/17/2019	
12/17/2019	Onsite	EK5E78	SERC_049	JLG	1255	2017	10613792	United Rentals	Newtron	Cummins	HCEXL03.8AAA	QSF3.8	3.8	2017	89919032	130	4	U-R-002-0645	Green Tag issued 12/23/2019	
12/27/2019	Onsite	EY7H78	SERC_050	JLG	1255 Rough Terrain Forklift	2018	0160084318	ARB	ARB	Cummins	HCEXL03.8AAA	QSF3.8	3.8	2017	89962974	130	4	u-r-002-0645	Green Tag issued 01/06/2020	
12/30/2019	1/29/2020	BJ8F34	SERC_051	Bobcat	Bobcat S630 Skid Steer Loader	2017	AHGL13302	Sunstate Rentals	Alcorn Fence	Doosan	GDICL2.4LEA	D24	2.94	2016	6087495	74	4	u-r-019-0141	Green Tag issued 01/06/2020	
12/31/2019	1/9/2020	VX6X86	SERC_052	Genie	GTH-55195K Reach Fork	2015	10429013	United Rentals	Newtron	Deutz	FDZXL02.9020	TD2.9L4	2.9	2015	11780111	74	4	u-r-013-0496	Green Tag issued 01/06/2020	
1/8/2020	3/3/2020	184549	SERC_053	Cummins	A054C907 Portable Generator	2019	F190589172	United Rentals	ARB	Cummins	KCEXL08.9AAL	QSL9-G9	8.9	2019	74510962	323	4	u-r-002-0697	Green Tag issued 01/15/2020	
3/16/2020	Not Used	FR8E44	SERC_054	Hitachi	Excavator ZX210LC-5N	2014	NA	PCI	PCI	Isuzu Motors Limited	DSZXL05.2MXA	AM-4HK1X	5.2	2013	4HK1-708365	174	4I	u-r-006-0376	Blue Tag Issued	Contractor demobilized on 3/20/20. Equipment was not used. Maintenance letter not needed.
3/30/2020	Onsite	RX4E83	SERC_055	GEHL	Forklift 42' 8k RS8-42	2013	RS842JE0417351	Sunstate Rentals	TTSC	John Deere	DJDXL04.5211	4045HFC920	4.5	2013	PE4045R028188	115.3	4I	U-R-004-0471	Green Tag issued 04/03/2020	
3/30/2020	Onsite	DC9G67	SERC_056	John Deere	Back Hoe 410L	2016	1T0410LGAXF294681	Boer	Boer	John Deere	GJDXL04.5305	4045HT082	4.5	2016	PE4045	113	4	U-R-004-0514	Green Tag issued 04/03/2020	
3/30/2020	Onsite	XL6K76	SERC_057	John Deere	Excavator 345LC-6	2020	1FF345GXPKF020536	LaLonde	Boer	Isuzu Motors Limited	KSZXL07.8QXA	AQ-6HK1X	7.79	2019	1ZU6HK1934634	197	4	U-R-006-0471	Green Tag issued 04/03/2020	

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.03 07:05:29 -08'00'

Date: 03/02/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	**Response (yes/no)**	**Action**
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:26:20 -07'00'

Date: 03/03/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	**Response (yes/no)**	**Action**
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	Y	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:27:02 -07'00'

Date: 03/04/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	**Response (yes/no)**	**Action**
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:28:09 -07'00'

Date: 03/05/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	**Response (yes/no)**	**Action**
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	Y	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:28:42 -07'00'

Date: 03/06/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.05 17:56:15 -07'00'

Date: 03/07/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:29:18 -07'00'

Date: 03/09/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:29:54 -07'00'

Date: 03/10/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	**Response (yes/no)**	**Action**
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:30:33 -07'00'

Date: 03/11/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:31:10 -07'00'

Date: 03/12/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:32:07 -07'00'

Date: 03/13/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	**Response (yes/no)**	**Action**
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:34:33 -07'00'

Date: 03/14/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:36:52 -07'00'

Date: 03/16/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Y	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:37:24 -07'00'

Date: 03/17/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:38:38 -07'00'

Date: 03/18/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	**Response (yes/no)**	**Action**
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:39:08 -07'00'

Date: 03/19/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	**Response (yes/no)**	**Action**
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:40:03 -07'00'

Date: 03/20/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:40:46 -07'00'

Date: 03/23/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.03.25 07:41:20 -07'00'

Date: 03/24/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.04 10:34:33 -07'00'

Date: 03/25/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.04 10:35:08 -07'00'

Date: 03/26/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.04 10:36:22 -07'00'

Date: 03/27/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	Y	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.04 10:36:57 -07'00'

Date: 03/28/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.04 10:37:28 -07'00'

Date: 03/30/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Y	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.04 10:38:22 -07'00'

Date: 03/31/2020

Form: SERC-CAQ-003

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 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?	N	If yes, the onsite Delegate shall: 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?	Y	If no, the onsite Delegate shall: 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?	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:

Primoris Services Corporation
ARB Inc.

April 2, 2020

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 Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model 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 Forklift	2012	KDE00312	ARB	ARB
6/18/2019	Onsite	WK9J63	SERC_024	Deere	210l Skip Loader	2016	1T8210ELLGJ893464	ARB	N/A
11/4/2019	Onsite	DA7T55	SERC_038	CAT	308E2 Excavator	2014	FXJ01664	ARB	ARB
11/4/2019	Onsite	XM8N56	SERC_039	JLG	Boom Lift	2016	300216443	SunState	ARB
12/2/2019	Onsite	TP8N95	SERC_043	Case	580 Super N Back Hoe	2014	JJGN58SNKEC705265	Tom's Back Hoe	ARB
12/12/2019	Onsite	JX4T34	SERC_047	CAT	259D Skid Steer loader	2019	FTL20141	Quinn Heavy Rents	ARB
12/27/2019	Onsite	EY7H78	SERC_050	JLG	1255 Rough Terrain Forklift	2018	0160084318	ARB	ARB
1/8/2020	Onsite	184549	SERC_053	Cummins	A054C907 Portable Generator	2019	F190589172	United Rentals	ARB

Primaris Services Corporation
ARB Inc.

Respectfully,

Steven Fischer
ARB, Inc.
Project Manager

BOER BACKHOE, INC.

7128 E. Parkcrest St., Long Beach, CA 90808
(562)420-9844 Fax: (562)425-6221
CA Lic. #622360

April 4, 2020

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 Boer Backhoe, Inc. performs daily inspections and required maintenance at the regularly scheduled intervals for the previous month (March) for all on-site equipment.
See attached Equipment Log for Boer Backhoe equipment currently on-site.

EIN	SERC ID	VEH. Manufacturer	MODEL YEAR	MODEL/DESCRIPTION	ENG TIER
DC9G67	SERC-56	JOHN DEERE	2016	410L TRACTORS/LOADERS/BACKHOES	T4F
XL6K76	SERC-57	JOHN DEERE	2020	345LC-6 EXCAVATOR	T4F

Respectfully,

Sherry L Boer

Sherry L. Boer
President

April 2, 2020

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 Newtron 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 Newtron equipment currently on-site.

CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year
HN6U33	SERC_032	JLG	6042 T4F 6K Reach Forklift	2016
XS3Y34	SERC_046	JCB	509-42 Rough Terrain Forklift	2014
EK5E78	SERC_049	JLG	1255	2017

Respectfully,

Louie Lozoya
Newtron LLC
General Superintendent

April 4, 2020

Mr. Tim Bofman
W Power, LLC – SERC Battery Energy Storage System (BESS)
8230 Pacific Avenue
Stanton, CA 90680

Subject: Monthly Inspection and Maintenance of Equipment

Dear Mr. Bofman:

We are confirming that for the previous month, TTSC performs inspections and maintentance at the required regulary scheduled intervals. See the attached AQCMP Equipment Log.

EIN Number	SERC ID	Manufacturer	Model / Description	Year
RX4E83	SERC 55	Gradall	RS8-42	2013

If you have any questions, please contact me at 209-333-7788 ext. 12.

Sincerely

Nathen Howard
Construction Manager

Attachment 4 –Biological Resources

JACOBS®

Memorandum

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

Subject **Stanton Energy Reliability Center (16-AFC-1)**
Biological Resources Monthly Compliance Report
March 2020

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs
SERC CEC Designated Biologist

Date: April 6, 2020

Copies: Sharon Stureman, SERC, LLC
Doug Davy, Jacobs
Karen Parker, Jacobs

1. Introduction

This March 2020 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from March 1 through March 31, 2020 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 March 2020 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 March 2020 reporting period biological monitoring was conducted on the SERC site two times per week. A nest survey was performed for three newly proposed construction laydown, parking, and staging areas following a petition for a post-certification change. The three areas included portions of

10680 Fern Avenue and 8322-A Standustrial Street in Stanton. The Nest Survey Report is provided in Appendix A. Daily Biological Resources Compliance Monitoring Logs are provided in Appendix B. A list of wildlife species observed during the monitoring events are included in Appendix C.

2.1 Activities Monitored

SERC construction activities were monitored twice weekly from March 1 through March 31, 2020. 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 (located at 405 N. Dale Ave, Anaheim), and Natural Gas Pipeline (along Dale Avenue from La Palma to the SERC site).

Construction activities at the SERC site included ongoing 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, hydrotesting, and use of the laydown yard at St. John the Baptist Greek Orthodox Church. Construction began on the Battery Energy Storage System (BESS) on March 30, 2020.

2.2 Nesting Birds

No protected active nests were observed during the March 2020 reporting period. Nest surveys were performed on March 10, 2020 for the three newly proposed construction laydown, parking, and staging areas and within 500 feet in accordance with BIO-8. The Nest Survey Report is provided in Appendix A. Nesting behaviors and inactive or non-protected (non-native) nests observed during monitoring are described in further detail in the Biological Resources Compliance Monitoring Logs (Appendix B) and in the Wildlife Observations Forms (Appendix D).

2.3 Special-Status Species

One special status species, the Cooper's hawk (*Accipiter cooperii*) was observed during March 2020. The Cooper's hawk is a California Department of Fish and Wildlife Watch List species. A list of wildlife species observed during the monitoring in March 2020 is included in Appendix C.

2.4 Wildlife Injuries and Mortalities

No injured wildlife species were observed within the SERC boundary or survey area; however, domestic animal remains were observed during the March reporting period. The following is a summary of rescues and mortality this month:

- Two healthy domestic kittens (*Felis catus*) were identified on March 4, 2020 on the Eastern SERC Laydown Yard. The kittens were unharmed and turned over to the local animal control for care.
- A deceased domestic cat (*Felis catus*) was identified on March 20, 2020 on the Western SERC Laydown Yard.

Wildlife Observations Forms for observations during the March 2020 reporting period are provided in Appendix D.

2.5 Hazardous Material Spills

No hazardous material spills occurred at the project site during the March 2020 reporting period.

2.6 Non-Compliance Report

No formal non-compliance notifications or incident reports were issued during the March 2020 reporting period.

3. WEAP Training

On-site staff received WEAP training prior to starting work on site. A total of 60 persons completed the SERC WEAP training in March 2020. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix E.

Appendix A
Nest Survey Report

JACOBS®

Memorandum

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

Subject	**Stanton Energy Reliability Center (16-AFC-1) Nest Survey (BIO-8) Report**
Project Name	Stanton Energy Reliability Center (SERC)
Attention	John Heiser, CPM Andrew Valand, CDFW Christine Medak, USFWS
From	Ava Edens, Jacobs SERC CEC Designated Biologist
Date	March 18, 2020
Copies to	Tim Bofman, Wellhead Inc. Doug Davy, Jacobs Karen Parker, Jacobs

1. Introduction

This memorandum documents the findings of a nesting bird survey for the Stanton Energy Reliability Center (SERC; the Project). Three near-adjacent Project features, comprising the SERC Proposed Construction Parking and Laydown Area, and the encompassing 500-foot buffer were surveyed (see Figure 1 in Attachment A). The first feature, Parcel A, is located at 10680 Fern Avenue, and consists of an approximately 8,000 square foot parking area. The second feature, Parcel B, consists of an approximately 5,000 square foot warehouse located approximately 240 feet to the south on the same property. The access point will be from a gate at the western boundary of Parcel A adjacent to the parking area. The third, Parcel C, is located at 8322-A Standustrial Street and consists of an approximately 6,000 square foot lot that houses office space, 2 bathrooms, a warehouse, and parking. All three parcels are located north of the SERC site within an industrial area in Stanton (see Photographs 1-3 in Attachment B). This was the second nesting bird survey conducted for the three parcels. The first nesting bird survey was performed on February 28, 2020. This nesting bird survey and report is provided in compliance with the CEC Condition of Certification BIO-8, Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds.

2. Methods

The nest survey was completed by Ava Edens, a biologist with Jacobs and Designated Biologist for SERC. The nest survey was conducted on March 10, 2020, between 8:30 am and 11:45 am. Weather conditions were overcast with temperatures around 59°F and light winds (2 to 5 mph) at the beginning of

the survey, and partly cloudy with temperatures around 62°F and light winds (2 to 5 mph) at the end of the survey. The survey area received approximately 0.15 inches of precipitation in the morning and evening before the survey (https://www.localconditions.com/weather-stanton-california/90680/past.php), but it did not rain during the survey.

Pedestrian surveys were conducted in advance of relocation of the SERC offices, parking, and laydown area from the current location within the SERC West Parcel. During the nesting bird survey, the biologist walked meandering transects throughout the three parcels and skirting enclosed buildings where present (e.g., warehouses). In addition, the biologist proceeded slowly meandering along sidewalks and publicly accessible areas within 500 feet of the three parcels. During the survey, particular attention was focused on trees, shrubs, and structures that could serve as suitable substrates for nesting birds. Potential nesting areas not publicly accessible, but within 500 feet of the parcels, were surveyed with binoculars.

Three house sparrow (*Passer domesticus*) nests were observed within the 500-foot buffer during the February 28, 2020 survey (see Figure 1 in Attachment A). Bird activity was observed at all three house sparrow nests on March 10, 2020. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Two additional nests were observed on March 10, 2020. Both nests were located in the roof overhang of the warehouse on Parcel B (see Figure 1 in Attachment A; Photographs 5-6 in Attachment B). The nests were observed by the biologist and determined to be inactive. No bird activity was observed in or near the nests, no eggs were present in the nests, the nests contained old nesting material and droppings, and no new sign (fresh or green nest materials or feathers) was observed. Both inactive nests were removed.

Table 1. Nests Observed During the March 10, 2020 Nest Survey for the SERC Proposed Construction Parking and Laydown Area at Parcels A, B, and C

Nest Number	Common Name	Scientific Name	GPS Coordinates	Activity Observed	Location Description
4	unknown	NA	33.80709951 -117.9879882	The nest was determined to be inactive	Inside the northwest corner of the Parcel A warehouse roof structure.
5	unknown	NA	33.80709365 - 117.98824603	The nest was determined to be inactive	Inside the northeast corner of the Parcel A warehouse roof structure.

The surveyed areas contained very few trees large enough to serve as suitable substrate for a raptor nest. However, there are transmission line towers within the survey area (south of Parcel C) that could support a raptor nest. No raptor nests were observed, although a red-tailed hawk (*Buteo jamaicensis*) was observed within the survey area. No special status species or any MBTA protected nests were observed during the survey within the parcels or the 500-foot buffer.

Bird species observed during the surveys are listed in Table 2. Descriptions of the survey locations are provided below. Photographs of the surveyed areas are included in Attachment B.

Parcel A

Parcel A is located at 10680 Fern Avenue and consists of an approximately 8,000 square foot parking area. The parcel is bounded by warehouses to the north, east, and south. The access point will be from Fern Avenue through a gate at the western boundary of the parcel (see Photograph 1 in Attachment B). Very little vegetation is present; however, the surrounding warehouses provide suitable substrate for bird species that nest in structures. Very few birds were observed in Parcel A during the survey and no nests were identified. Two house sparrow nests were observed southwest of the parcel in utility poles along Fern Avenue as described in the first nest survey report (February 28, 2020).

Parcel B

Parcel B consists of an approximately 5,000 square foot warehouse located approximately 240 feet to the south of Parcel A. Both parcels are located on the same property, which is enclosed by fencing and several warehouses (see Photograph 2 in Attachment B). Parcel B will be accessed via a driveway leading from the southeast corner of Parcel A that runs along the west boundary of the Parcel B warehouse. A second warehouse is located directly north of the parcel. The SERC site is located directly south of Parcel B and the SCE West Parcel, a current laydown area for SERC, is located to the east. No vegetation was present in Parcel B; however, the warehouse provides suitable substrate for bird species that nest in structures. Two nests were observed in the roof overhang of the warehouse on Parcel B.

Parcel C

Parcel C is located at 8322-A Standustrial Street and consists of an approximately 6,000 square foot lot that houses office space, 2 bathrooms, a warehouse, and a fenced parking area (see Photograph 3 in Attachment B). Several large shrubs are present along the south fence that could provide nesting habitat. In addition, the building provides suitable substrate for bird species that nest in structures. Very few birds were observed in Parcel C during the survey and no nests were identified. However, a house sparrow nest was observed east of the parcel in a utility pole along the fenceline as described above.

Table 2. Avian Species Observed During the March 10, 2020 Nest Survey for the SERC Proposed Construction Parking and Laydown Area at Parcels A, B, and C

Common Name	Scientific Name	Notes
Allen's hummingbird	*Selasphorus sasin*	One individual observed in the 500-foot buffer.
Cassin's kingbird	*Tyrannus vociferans*	Numerous individuals observed perched along on utility poles and wires throughout the survey area.
Black phoebe	*Sayornis nigricans*	One individual observed perched within and flying through the survey area.
Eurasian collared dove	*Streptopelia decaocto*	Numerous individuals observed perched on utility poles and wires throughout the survey area.
European starling	*Sturnus vulgaris*	Numerous individuals observed flying through the survey area.
House finch	*Haemorhous mexicanus*	Numerous individuals observed perched within and flying through the survey area.
House sparrow	*Passer domesticus*	Numerous individuals observed perched within and flying through the survey area. Three pairs nesting on utility pole components within the 500-foot buffer.
Killdeer	*Charadrius vociferus*	Numerous individuals, including pairs, observed in the 500-foot buffer on roofs and flying through the survey area.
Mourning dove	*Zenaida macroura*	Numerous individuals, including a pair, observed perched within and flying through the survey area
Northern mockingbird	*Mimus polyglottos*	Numerous individuals observed perched within and flying through the survey area.
Red-tailed hawk	*Buteo jamaicensis*	One individual observed perched on utility pole and flying through the survey area.
Rock pigeon	*Columba livia*	Several flocks observed perched along and flying over the Dale Avenue pipeline route. Pair nesting on building along the Dale Avenue pipeline route.

Table 2. Avian Species Observed During the March 10, 2020 Nest Survey for the SERC Proposed Construction Parking and Laydown Area at Parcels A, B, and C		
Common Name	**Scientific Name**	**Notes**
Western gull	*Larus occidentalis*	Numerous individuals observed flying through the survey area.

Attachment A
Survey Figures

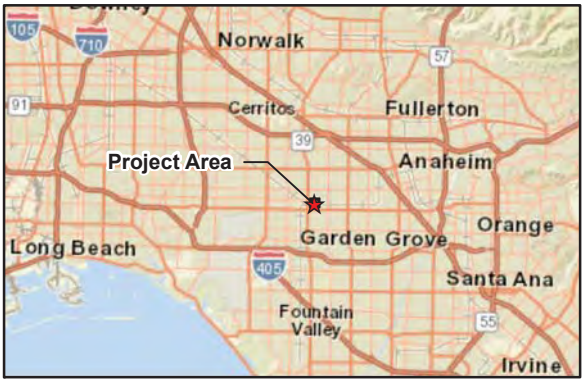
LEGEND

SERC Project Site

Proposed Construction Parking and Laydown Area

Nest

VICINITY MAP



N

0 75 150

Feet

Figure 1
Proposed Construction Parking and Laydown Area
Stanton Energy Reliability Center
Stanton, California

Attachment **B**

Survey **Photographs**

Photo 1			
			
Location	SERC – Parcel A of the Proposed Construction Parking and Laydown Area	**Description**	View east of Parcel A within the building walkway.

Photo 2			
			
Location	SERC – Parcel B of the Proposed Construction Parking and Laydown Area	**Description**	View south of the east end of the Parcel B warehouse. Adjacent to the existing Western SERC Parcel and the SERC Western Laydown Yard.

Photo 3			
			
Location	SERC – Parcel C of the Proposed Construction Parking and Laydown Area	**Description**	View west of southern portion of Parcel C, adjacent to the existing SERC Western Laydown Yard.

Photo 4			
			
Location	SERC – Parcel C of the Proposed Construction Parking and Laydown Area	**Description**	View southwest of the proposed parking area on Parcel C, along Standustrial Street.

Photo 5			
			
Location	SERC – Parcel B of the Proposed Construction Parking and Laydown Area	**Description**	View southwest of Nest 4 in the roof structure at the northwest corner of the Parcel A warehouse. The nest was determined to be inactive.

Photo 6			
			
Location	SERC – Parcel B of the Proposed Construction Parking and Laydown Area	**Description**	View south of Nest 5 in the roof structure at the northeast corner of the Parcel A warehouse. The nest was determined to be inactive.

Appendix B
Biological Resources Compliance Monitoring Logs

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
March 2, 2020	Ava Edens (DB)	1430-1630

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
72-73	1-5	0 in	Good	Mostly clear, sparse clouds

Location(s) of Work Site Activities Monitored

Checked the following project locations/activities for potential bird/wildlife/Project interactions and compliance with COCs.

SERC Site:

Western Parcel – Activities included pipe fabrication, above-ground infrastructure work, staff offices and parking, a covered 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 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. Baker tanks for gas line hydro-testing set-up on eastern boundary.

Bethel Church Parking Lot (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible).

SoCal Gas Sites:

Greek Orthodox Church Laydown – Equipment storage and office trailers.

Dale Avenue Natural Gas Pipeline – Work at connection to SERC from Dale Ave. Baker tanks set up on Eastern Laydown.

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:

- A pair of killdeer (*Charadrius vociferous*) were observed displaying nesting behaviors on the gently sloped roof offsite (across Stanton Channel from the eastern laydown yard). No nest or eggs were visible. See photos 7 & 8.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- Three new SoCal Gas workers did not have WEAP stickers displayed. When asked about WEAP training they said they were not trained. The DB contacted Alain Meyer of SoCal Gas who committed to WEAP training the workers the next morning and told the DB the workers had started less than a week prior.
- Transients observed camping on sidewalk outside of the Bethel Church parking lot along Monroe Ave.

Items Requiring Action/Follow-up

- DB to follow-up with Alain Meyer of SoCal Gas to ensure new crew members have been WEAP trained within their first week of work.

Wildlife Species Observed:

American crow (*Corvus brachyrhynchos*), rock pigeon (*Columba livia*), mourning dove (*Zenaida macroura*), house sparrow (*Passer domesticus*), killdeer (*Charadrius vociferous*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), Eurasian collared dove (*Streptopelia decaocto*), western kingbird (*Tyrannus verticalis*), yellow-rumped warbler (*Setophaga coronate*), house finch (Haemorhous mexicanus), Allen's hummingbird (*Selasphorus sasin*), and domestic cats (*Felis catus*).

Photo 1

Location	Western SERC Parcel	**Description**	View east of the western SERC parcel parking area and office trailers.

Photo 2

Location	Western SERC Parcel	**Description**	View west of the western SERC parcel parking area and office trailers. New containers, to be used as temporary offices, are in the southwest corner of the site.

Photo 3

Location	Western SERC Parcel	**Description**	View east of the western SERC parcel behind the office trailers, on the north boundary.

Photo 4

Location	Western SERC Laydown	**Description**	View east of the western SERC laydown area.

Photo 5

Location	Western SERC Laydown	Description	View southeast from the western SERC laydown area, with the Stanton Storm Channel and Eastern SERC parcel shown.

Photo 6

Location	Eastern SERC Laydown	Description	View east of the eastern SERC laydown yard. Blue Baker tanks used by SoCal Gas can be seen in the background.

Photo 7			
			
Location	Eastern SERC Laydown	**Description**	View north of an off-site building on the north side of the Stanton Storm Channel, across from the Eastern SERC Laydown Yard, where a killdeer pair were observed on the roof.
Photo 8			
			
Location	Eastern SERC Laydown	**Description**	View of killdeer observed on an off-site roof (shown above). Killdeer pair was displaying nesting behaviors on the gently sloped roof. No nest or eggs were visible.

Photo 9

Location	Eastern SERC Parcel	**Description**	View facing south of the eastern section of the eastern SERC parcel, where SoCal Gas was working on the natural gas pipeline.

Photo 10

Location	Eastern SERC Parcel	**Description**	View west of the fence post installation on the eastern SERC parcel.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
March 4, 2020	Ava Edens (DB)	1400-1600

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
70-74	0-5	0 in	Good	Clear and breezy

Location(s) of Work Site Activities Monitored

Checked the following project locations/activities for potential bird/wildlife/Project interactions and compliance with COCs.

SERC Site:

Western Parcel – Activities included pipe fabrication, above-ground infrastructure work, staff offices and parking, a covered 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 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.

Bethel Church Parking Lot (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible).

SoCal Gas Sites:

Greek Orthodox Church Laydown – Equipment storage and office trailers.

Dale Avenue Natural Gas Pipeline – Work at connection to SERC from Dale Ave.

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:

- Two kittens found abandon on-site (see Wildlife Observation Form for details)

Items Requiring Action/Follow-up

- NA

Wildlife Species Observed:

American crow (*Corvus brachyrhynchos*), rock pigeon (*Columba livia*), mourning dove (*Zenaida macroura*), house sparrow (*Passer domesticus*), killdeer (*Charadrius vociferous*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), Eurasian collared dove (*Streptopelia decaocto*), western kingbird (*Tyrannus verticalis*), house finch (Haemorhous mexicanus), Western gull (*Larus occidentalis*), and domestic cats (*Felis catus*).

Photo 1

Location	Eastern SERC Laydown	**Description**	One of two kittens found under a shipping container on the Eastern SERC Laydown Yard.

Photo 2

Location	Eastern SERC Laydown	**Description**	View south of the shipping container where the two kittens were found on the Eastern SERC Laydown Yard.

Photo 3

Location	Eastern SERC Laydown	**Description**	Animal Care picking up kittens found on the Eastern SERC Laydown Yard.

Photo 4

Location	Eastern SERC Laydown	**Description**	View west of the Eastern SERC Laydown Yard.

Photo 5

Location	Eastern SERC Parcel	**Description**	View of excavation on the eastern SERC parcel. A dirt fill escape ramp was in place at one end.

Photo 6

Location	SERC Additional Parking Area (Bethel Church)	**Description**	View east of the SERC section of the Bethel Church Parking Lot. Transient housing observed on the sidewalk along Monroe Avenue.

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

Date	Monitor	Time (Begin-End)
March 10, 2020	Ava Edens (DB)	0930-1215

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
62-64	2-5	0 in*	Good	overcast

Location(s) of Work Site Activities Monitored

Checked the following project locations/activities for potential bird/wildlife/Project interactions and compliance with COCs.

SERC Site:

Western Parcel – Activities included pipe fabrication, above-ground infrastructure work, staff offices (recently removed/reduced) and parking, a covered 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 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.

Bethel Church Parking Lot (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible).

SoCal Gas Sites:

Greek Orthodox Church Laydown – Equipment storage and office trailers.

Dale Avenue Natural Gas Pipeline – Work at connection to SERC from Dale Ave.

*No precipitation occurred while the monitor was onsite, however light rain occurred in the morning and approximately 0.1 inches of precipitation was received in the last 24 hours at the Long Beach Stanton Airport Weather Station (https://www.wunderground.com/history/daily/us/ca/long-beach/KLGB/date/2020-3-10).

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:

- Pair of mourning doves (*Zenaida macroura*) observed bringing nesting materials to the top of the northwest end of Unit 2. Area was checked with a crane. No active nest was found, only a couple sticks, which were removed. See photos 1 & 2.
- Pair of Northern mockingbirds (*Mimus polyglottos*) observed along the northern fence line of the Western SERC Laydown Yard. No nest was observed. See Photo 5.

Other Biological Resources Observations:

- Nest survey for amendment area was performed today. Survey buffer (500 feet) extended into current project area.

Other Observations/Comments:

- Office trailers on the Western SERC Parcel were removed.

Items Requiring Action/Follow-up

- NA

Wildlife Species Observed:

Rock pigeon (*Columba livia*), mourning dove (*Zenaida macroura*), house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), Eurasian collared dove (*Streptopelia decaocto*), Cassin's kingbird (*Tyrannus vociferans*), house finch (Haemorhous mexicanus), Western gull (*Larus occidentalis*), red-tailed hawk (*Buteo jamaicensis*), common raven (*Corvus corax*), black phoebe (*Sayornis nigricans*), and domestic cats (*Felis catus*).

Photo 1

Location	Greek Orthodox Church Laydown	**Description**	View south of the Greek Orthodox Church Laydown Yard.

Photo 2

Location	Western SERC Parcel	**Description**	View east of the Western SERC parcel. Shallow ponding was observed due to recent rains.

Photo 3

Location	Greek Orthodox Church Laydown	**Description**	View south of the Greek Orthodox Church Laydown Yard.

Photo 4

Location	Western SERC Parcel	**Description**	View east of the Western SERC parcel. Shallow ponding was observed due to recent rains.

Photo 5

Location	Western SERC Laydown	**Description**	View northeast of the Western SERC Laydown Yard. Northern fence line of the Western SERC Laydown Yard, where a pair of Northern mockingbirds were observed, is shown in the background.

Photo 6

Location	Eastern SERC Laydown	**Description**	View southeast of the Eastern SERC Laydown Yard and Eastern SERC Parcel. Shallow ponding was observed due to recent rains.

Photo 7

Location	Western SERC Laydown	**Description**	View of southeast of the Eastern SERC Laydown Yard and Eastern SERC Parcel from the bank of the Stanton Storm Channel.

Photo 8

Location	Western SERC Laydown	**Description**	View of south of the vehicle bridge over the Stanton Storm Channel from the Western SERC Laydown Yard. Water was observed flowing in the channel.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
March 13, 2020	Cara Snellen	1000-1230

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
56-59	1-2	0.25 in (24 hrs)	Fair	Cloudy, scattered showers

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 earth movement and contouring; movement of equipment/materials.

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

Western Laydown (SCE West parcel) – Activities included parking and equipment storage.

Eastern Laydown (SCE East parcel) – Activities included parking; storage and movement of equipment/materials.

No work activities occurred for the gas pipeline installation at the Dale Avenue entrance.

Summary of Biological Resources Monitoring Observations

Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.

Special-Status Species Observed:

- A Cooper's hawk (*Accipiter cooperii;* CDFW WL) was observed flying over the site.

Nesting Bird Observations:

- Pair of house sparrows (*Passer domesticus*) observed copulating and nest building at wire insulator directly west of utility pole located outside northeast corner of Western Laydown (SCE West parcel) (see photo 1). Nest site originally identified during nesting bird survey on 2/28/2020. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- Pair of Northern mockingbirds (*Mimus polyglottos*) observed nest building inside two different dumpsters located in the Western Laydown (SCE West parcel) (see photo 2-3). Both incomplete nests were removed by the biologist (no eggs present). Contractor was notified and planned to place tarps over each dumpster to deter future nesting attempts.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- Discarded water bottles observed throughout the site.

Items Requiring Action/Follow-up

- Discarded water bottles observed throughout the site. A litter/housekeeping request will be submitted to the contractor.
- Monitoring of work will continue during Project construction activities.

Wildlife Species Observed:

Birds: Cooper's hawk, house sparrow, Northern mockingbird, rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), Allen's hummingbird (*Selasphorus sasin*), black phoebe (*Sayornis nigricans*), yellow-rumped warbler (*Setophaga coronata*), mourning dove (*Zenaida macroura*), Western gull (*Larus occidentalis*), Eurasian collared-dove (*Streptopelia decaocto*), great blue heron (*Ardea herodias*)

Photo 1			
			
Location	SERC Western Laydown (SCE West Parcel)	**Description**	Hose sparrow nest site (nest building) located in wire insulator directly west of utility pole outside northeast corner of Western Laydown, facing northeast.
Photo 2			
			
Location	SERC Western Laydown (SCE West Parcel)	**Description**	Northern mockingbird nest site #1 (nest building) located in rebar pile inside large dumpster in southeast corner of Western Laydown, facing south. Nest was removed and tarp placed over dumpster.

Photo 3

Location	SERC Western Laydown (SCE West Parcel)	**Description**	Northern mockingbird nest site #2 (nest building) located on wire pile in short dumpster in center of Western Laydown, facing south. Nest was removed and tarp placed over dumpster.

Photo 4

Location	SERC – Eastern Parcel	**Description**	Dirt moving activities in East parcel, facing southeast.

Photo 5

Location	SERC – Western Parcel	**Description**	System checks and weekend preparations in Western parcel, facing southeast.

Photo 6

Location	SERC Western Laydown (SCE West Parcel)	**Description**	Equipment storage and parking in Western Laydown, facing west.

Photo 7

Location	SERC Eastern Laydown (SCE East Parcel)	Description	Movement of materials and parking in Eastern Laydown, facing northwest.

Photo 8

Location	SERC Gas pipeline at Dale Avenue entrance	Description	No work was occurring at the gas pipeline, facing southeast.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
March 18, 2020	Ava Edens (DB)	1400-1600

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
62	1-5	0 in	Good	Partly cloudy

Location(s) of Work Site Activities Monitored

Checked the following project locations/activities for potential bird/wildlife/Project interactions and compliance with COCs.

SERC Site:

Western Parcel – Activities included pipe fabrication, above-ground infrastructure work, staff offices (recently removed/reduced) and parking, a covered 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 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.

Bethel Church Parking Lot (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible).

SoCal Gas Sites:

Greek Orthodox Church Laydown – Equipment storage and office trailers.

Dale Avenue Natural Gas Pipeline – Work at connection to SERC from Dale Ave. and at La Palma intersection.

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:

- Red-tailed hawk (*Buteo jamaicensis*) observed with nesting materials onsite. Hawk was tracked with binoculars and potential nest was spotted in the northeastern corner of the SCE Barre Substation (near the entrance off W Cerritos Avenue), over 500ft from the SERC project boundary or SERC activities.
- House sparrow (*Passer domesticus*) observed collecting straw from project waddles.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- Office trailers on the Western SERC Parcel are removed.

Items Requiring Action/Follow-up

- NA

Wildlife Species Observed:

Rock pigeon (*Columba livia*), mourning dove (*Zenaida macroura*), house sparrow (*Passer domesticus*), European starling (*Sturnus vulgaris*), Eurasian collared dove (*Streptopelia decaocto*), Cassin's kingbird (*Tyrannus vociferans*), house finch (Haemorhous mexicanus), red-tailed hawk (*Buteo jamaicensis*), and domestic cats (*Felis catus*).

Photo 1

Location	Greek Orthodox Church Laydown	**Description**	View south of the Greek Orthodox Church Laydown Yard.

Photo 2

Location	Bethel Church Parking Lot	**Description**	View west of the Bethel Church Parking Lot.

Photo 3

Location	Western SERC Parcel	Description	View northwest towards the Fern Avenue entrance of the Western SERC Parcel. Office trailers were recently removed.

Photo 4

Location	Western SERC Parcel	Description	View north of the Western SERC Parcel. Office trailers were recently removed.

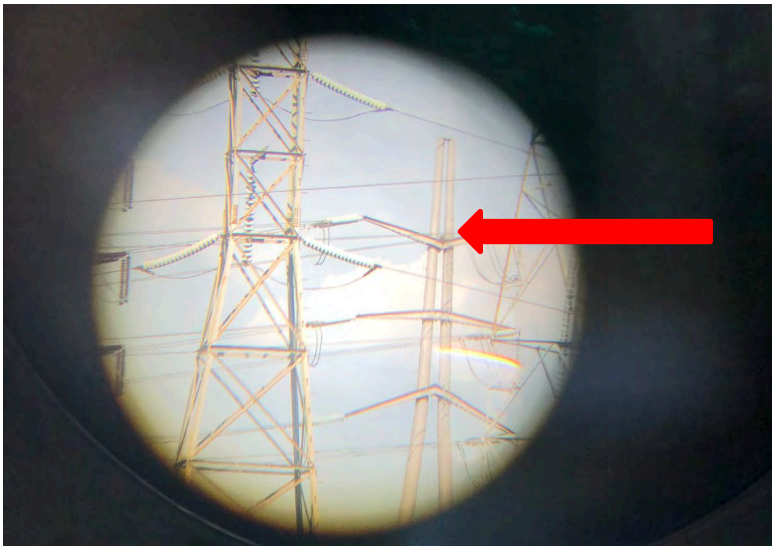
Photo 5

Location	Western SERC Laydown	**Description**	View of north of the Western SERC Laydown Yard. Lunch area was clear of food waste and trash was covered.

Photo 6

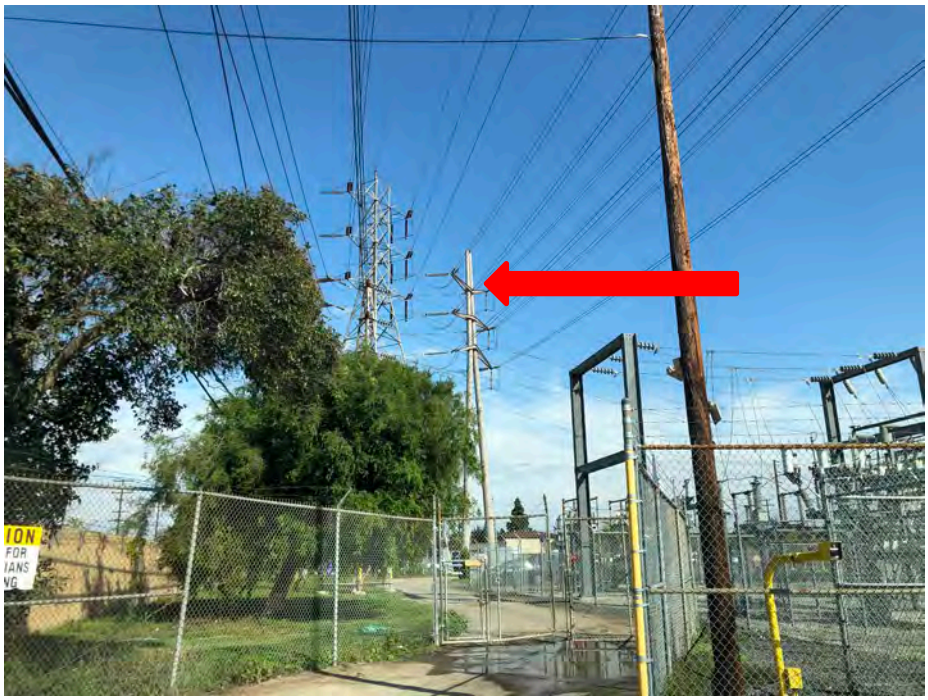
Location	Eastern SERC Parcel	**Description**	View of east of the Eastern SERC parcel of excavations near Dale Avenue entrance. Excavations exits were sloped.

Photo 7



Location	Barre Substation (off-site)	**Description**	View east from Dale Avenue of location of a potential red-tailed hawk nest in a structure at the SCE Barre Substation (over 500 ft from SERC).

Photo 8



Location	Barre Substation (off-site)	**Description**	View east from the SCE Barre Substation entrance, off W Cerritos Avenue, of the location of a potential red-tailed hawk nest (over 500 ft from SERC).

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
March 20, 2020	Ava Edens (DB)	1400-1530

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
62	1-5	0 in	Good	Partly cloudy

Location(s) of Work Site Activities Monitored

Checked the following project locations/activities for potential bird/wildlife/Project interactions and compliance with COCs.

SERC Site:

Western Parcel – Activities included pipe fabrication, above-ground infrastructure work, staff offices and parking, 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 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.

Bethel Church Parking Lot (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible).

SoCal Gas Sites:

Greek Orthodox Church Laydown – Equipment storage and office trailers.

Dale Avenue Natural Gas Pipeline – Work at connection to SERC from Dale Ave.

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:

- Cat remains found on Western SERC Laydown. See Wildlife Observation Form.

Other Observations/Comments:

- None

Items Requiring Action/Follow-up

- NA

Wildlife Species Observed:

Rock pigeon (*Columba livia*), mourning dove (*Zenaida macroura*), house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), Eurasian collared dove (*Streptopelia decaocto*), Cassin's kingbird (*Tyrannus vociferans*), house finch (*Haemorhous mexicanus*), American kestrel (*Falco sparverius*), Botta's pocket gopher (*Thomomys bottae*), and domestic cats (*Felis catus*).

Photo 1

Location	Western SERC Laydown	**Description**	View southeast of the Western SERC Laydown Yard.

Photo 2

Location	Western SERC Parcel	**Description**	View southwest of the Western SERC Parcel.

Photo 3

Location	SERC Vehicle Bridge over Stanton Storm Channel	**Description**	View northeast of the Stanton Storm Channel. Water was flowing in the channel.

Photo 4

Location	Eastern SERC Laydown	**Description**	View south of the Eastern SERC Laydown Yard and Eastern SERC Parcel, near the Dale Avenue entrance.

Photo 5

Location	Eastern SERC Parcel	**Description**	View of west of the Eastern SERC parcel of excavations near Dale Avenue entrance. Excavations exits were sloped.

Photo 6

Location	Bethel Church Parking Lot	**Description**	View east of the Bethel Church Parking Lot.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
March 25, 2020	Cara Snellen	0920-1145

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
60-61	1-2	0.0 in.	Good (10 mi.)	Partly cloudy to 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 earth movement; contouring, and hauling offsite; movement of equipment/materials.

Eastern Parcel – Ongoing activities related to above-ground infrastructure construction; systems testing; movement of equipment/materials; excavation and earth movement.

Western Laydown (SCE West parcel) – Activities included parking; storage and movement of equipment/materials; weed removal.

Eastern Laydown (SCE East parcel) – Activities included parking; storage and movement of equipment/materials; misc. fabrication; repairing/recontouring mud ruts.

Gas Pipeline – Activities included excavation of Dale Avenue near site entrance; trenching and pipework at east end of SERC Eastern parcel.

Summary of Biological Resources Monitoring Observations

Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Male house sparrow (*Passer domesticus*) observed entering/exiting nest location inside wire insulator directly west of utility pole located outside northeast corner of Western Laydown (SCE West parcel). Nest presumed to be incubation stage. Nest site originally identified during nesting bird survey on 2/28/2020. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up

- No Items requiring follow-up. Monitoring of work will continue during Project construction activities.

Wildlife Species Observed:

Birds: house sparrow, Northern mockingbird (*Mimus polyglottos*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), mourning dove (*Zenaida macroura*), Eurasian collared-dove (*Streptopelia decaocto*), red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferus*), Brewer's blackbird (*Euphagus cyanocephalus*)

Photo 1			
			
Location	SERC – Western Parcel	**Description**	Movement of materials in West parcel, facing southeast.
Photo 2			
			
Location	SERC – Western Parcel	**Description**	Earth movement and contouring in West parcel, facing southwest.

Photo 3

Location	SERC – Eastern Parcel	**Description**	Systems testing in East parcel, facing east.

Photo 4

Location	SERC Western Laydown (SCE West Parcel)	**Description**	Overview of material movement and weed removal activities in the Western laydown, facing northwest.

Photo 5

Location	SERC Eastern Laydown (SCE East Parcel)	**Description**	Repairing and recontouring mud runts in parking area of Eastern laydown, facing northwest.

Photo 6

Location	SERC Gas pipeline at Dale Avenue entrance	**Description**	Excavation at Dale Avenue directly south of the SERC entrance, facing south.

Photo 7

Location	SERC Gas pipeline at Dale Avenue entrance	**Description**	Excavation, earth movement, trenching, and pipeline work, facing southeast.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
March 27, 2020	Cara Snellen	1000-1215

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
58-67	3-5	0.0 in.	Good (10 mi.)	Clear/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 earth movement; contouring, and hauling offsite; movement of equipment/materials.

Eastern Parcel – Ongoing activities related to above-ground infrastructure construction; systems testing; movement of equipment/materials; extending conduit in trenches.

Western Laydown (SCE West parcel) – Activities included parking; storage and movement of equipment/materials; weed removal.

Eastern Laydown (SCE East parcel) – Activities included parking; storage and movement of equipment/materials; misc. fabrication.

Gas Pipeline – Activities included excavation pipework at east end of SERC Eastern parcel (Dale Avenue); pouring concrete.

Church Parking Lot – Activities included parking.

Summary of Biological Resources Monitoring Observations

Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Male house sparrow (*Passer domesticus*) observed entering/exiting nest location inside wire insulator directly west of utility pole located outside northeast corner of Western Laydown (SCE West parcel). Nest presumed to be incubation stage. Nest site originally identified during nesting bird survey on 2/28/2020. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up

- No Items requiring follow-up. Monitoring of work will continue during Project construction activities.

Wildlife Species Observed:

Birds: house sparrow, Northern mockingbird (*Mimus polyglottos*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), Eurasian collared-dove (*Streptopelia decaocto*), red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferus*), American crow (*Corvus brachyrhynchos*), Western gull (*Larus occidentalis*), lesser goldfinch (*Spinus psaltria*)

Photo 1			
			
Location	SERC – Western Parcel	**Description**	Movement of materials in West parcel, facing south.
Photo 2			
			
Location	SERC – Eastern Parcel	**Description**	Systems testing in East parcel, facing southeast.

Photo 3

Location	SERC – Eastern Parcel	**Description**	Conduit work in trenches located at east end of the East parcel near the Dale Avenue entrance, facing northeast.

Photo 4

Location	SERC Western Laydown (SCE West Parcel)	**Description**	Overview of material movement and weed removal activities in the Western laydown, facing northwest.

Photo 5

Location	SERC Eastern Laydown (SCE East Parcel)	**Description**	Material fabrication in the Eastern laydown, facing northeast.

Photo 6

Location	SERC Gas pipeline at Dale Avenue entrance	**Description**	Pipeline work and concrete pouring for the gas pipeline near the Dale Avenue entrance, facing southeast.

Photo 7

Location	Church parking lot	**Description**	Overview of personnel parking in the Church parking lot located south of the SERC site, facing west.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
March 31, 2020	Cara Snellen	1345-1530

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
75-78	2-5	0.0 in.	Good (10 mi.)	Hazy/overcast

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 asphalt removal (excavation); movement of equipment/materials.

Eastern Parcel – Ongoing activities related to above-ground infrastructure construction; systems testing; movement of equipment/materials; extending conduit in trenches.

Western Laydown (SCE West parcel) – Activities included parking; storage and movement of equipment/materials.

Eastern Laydown (SCE East parcel) – Activities included parking; storage and movement of equipment/materials; misc. fabrication.

Gas Pipeline – Activities included excavation pipework at east end of SERC Eastern parcel (Dale Avenue).

Church Parking Lot – Activities included parking.

Summary of Biological Resources Monitoring Observations

Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Eurasian collared dove (*Streptopelia decaocto*) nest observed atop the overhead piperack, approximately 20 feet above the ground, on the east side of the canal at the west end of the East parcel (see photo 1). An adult was sitting on the nest and a second adult was perched nearby. One egg was visible in the nest from below. Eurasian collared doves are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up

- No Items requiring follow-up. Monitoring of work will continue during Project construction activities.

Wildlife Species Observed:

Birds: Eurasian collared dove, house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), red-tailed hawk (*Buteo jamaicensis*), American crow (*Corvus brachyrhynchos*), mourning dove (*Zenaida macroura*), American kestrel (*Falco sparverius*)

Photo 1			
			
Location	SERC – Eastern Parcel	**Description**	Overview of Eurasian collared dove nest location on east side of canal in the East parcel, facing south.
Photo 2			
			
Location	SERC – Eastern Parcel	**Description**	Systems testing in East parcel, facing southeast.

Photo 3

Location	SERC – Western Parcel	**Description**	Asphalt removal in prep for excavation in former parking lot of West parcel, facing southwest.

Photo 4

Location	SERC Western Laydown (SCE West Parcel)	**Description**	Overview of Western laydown, facing east.

Photo 5

Location	SERC Eastern Laydown (SCE East Parcel)	**Description**	Overview of Eastern laydown, facing northeast.

Photo 6

Location	SERC Gas pipeline at Dale Avenue entrance	**Description**	Overview of the gas pipeline work area near the Dale Avenue entrance, facing southeast.

Photo 7

Location	Church parking lot	**Description**	Overview of personnel parking in the Church parking lot located south of the SERC site, facing east.

Appendix C
Wildlife Species List

Observed Wildlife Species List
March 1 – March 31, 2020
Stanton Energy Reliability Center

Common Name	Scientific Name	Status Federal/State/Other
Birds		
American crow	*Corvus brachyrhynchos*	--/--/--
American kestrel	*Falco sparverius*	--/--/--
Allen's hummingbird	*Selasphorus sasin*	--/--/--
Black phoebe	*Sayornis nigricans*	--/--/--
Brewer's blackbird	*Euphagus cyanocephalus*	--/--/--
Cassin's kingbird	*Tyrannus vociferans*	--/--/--
Common raven	*Corvus corax*	--/--/--
Cooper's hawk	*Accipiter cooperii*	--/WL/--
Eurasian collared dove	*Streptopelia decaocto*	--/--/NP
European starling	*Sturnus vulgaris*	--/--/NP
Great blue heron	*Ardea herodias*	--/--/--
House finch	*Haemorhous mexicanus*	--/--/--
House sparrow	*Passer domesticus*	--/--/NP
Killdeer	*Charadrius vociferus*	--/--/--
Lesser goldfinch	*Spinus psaltria*	--/--/--
Mourning dove	*Zenaida macroura*	--/--/--
Northern mockingbird	*Mimus polyglottos*	--/--/--
Red-tailed hawk	*Buteo jamaicensis*	--/--/--
Rock pigeon	*Columba livia*	--/--/NP
Yellow-rumped warbler	*Setophaga coronata*	--/--/--
Western gull	*Larus occidentalis*	--/--/--
Western kingbird	*Tyrannus verticalis*	--/--/--
Mammals		
Botta's pocket gopher	*Thomomys bottae*	--/--/--
Domestic cat	*Felis catus*	--/--/NP

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 D
Wildlife Observations Form

Stanton Energy Reliability Center (SERC)

Wildlife Observation Form

To be filled out by personnel who find active nest sites, wildlife dens, dead and/or injured wildlife, or other biological resources during daily construction activities. If nesting birds, dead and/or injured wildlife have been identified, please contact Ava Edens/Designated Biologist (DB) at (949) 466-5178 or ava.edens@jacobs.com. In the event the DB cannot be reached, please contact the Biological Monitor. After you have contacted the DB or Biological Monitor, please complete this "Wildlife Observation Form".

Date and Time	Observer	Observer's Employer
March 4, 2020 at 14:11	Ava Edens (DB)	Jacobs

Location of Observation (include time spotted and coordinates if possible)

Eastern SERC Laydown Yard (at approximately 33°48'25"N, 117°59"08"W), spotted around 14:00 by a SERC worker, DB was notified immediately.

Wildlife Species Name	Condition of Wildlife (alive/dead, size, age, weight, etc.)
Domestic cats (*Felis catus*)	Two healthy kittens, approximately 1 week old, weighing less than 0.5 lb each

Cause of Injury or Mortality and time of death (If unknown, enter "unknown")

NA

Current Location of Animal

One kitten was found near a portable toilet stall, the other was nearby under a shipping container (currently used as storage). Kittens were crying and no mother cat was observed. Animal Control was contacted and picked-up the kittens.

Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?

Yes		No	X	N/A	

If Yes, Explain

Additional Comments

DB was told by Animal Control officer that the kittens would be bottle fed and placed for adoption through Westminster Adoption Group and Services (WAGS).

Photo 1

Location	Eastern SERC Laydown Yard	**Description**	Location where kittens were found, under a shipping container currently used for storage.

Photo 2

Location	Eastern SERC Laydown Yard	**Description**	One of two kittens found. Approximately 1 week old.

Photo 3			
			
Location	Eastern SERC Laydown Yard	**Description**	Animal Control officer with Westminster Adoption Group and Services (WAGS) removing kittens from SERC Project site.

Stanton Energy Reliability Center (SERC)

Wildlife Observation Form

To be filled out by personnel who find active nest sites, wildlife dens, dead and/or injured wildlife, or other biological resources during daily construction activities. If nesting birds, dead and/or injured wildlife have been identified, please contact Ava Edens/Designated Biologist (DB) at (949) 466-5178 or ava.edens@jacobs.com. In the event the DB cannot be reached, please contact the Biological Monitor. After you have contacted the DB or Biological Monitor, please complete this "Wildlife Observation Form".

Date and Time	Observer	Observer's Employer
March 11, 2020 at 08:07	Jennifer Moritz	PaleoWest

Location of Observation (include time spotted and coordinates if possible)

Parcel 1 (at approximately UTM 11 S 0408821, 3741182) near the clocktower; spotted around 08:00

Wildlife Species Name	Condition of Wildlife (alive/dead, size, age, weight, etc.)
Nest of unknown dove sp.	Inactive nest

Cause of Injury or Mortality and time of death (If unknown, enter "unknown")

NA

Current Location of Animal

Doves were spotted possibly nesting near the SERC clocktower.

Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?

Yes		No	X	N/A	

If Yes, Explain

Additional Comments

Worker went up in lift and provided pictures of stick nest (no eggs) to the Designated Biologist, who then gave authorization for the inactive nest to be removed.

Photo 1

Location	SERC Parcel 1, near clocktower	**Description**	Dove leaving nest site.

Photo 2

Location	SERC Parcel 1, near clocktower	**Description**	Stick nest as seen from lift operator. No eggs observed.

Stanton Energy Reliability Center (SERC)

Wildlife Observation Form

To be filled out by personnel who find active nest sites, wildlife dens, dead and/or injured wildlife, or other biological resources during daily construction activities. If nesting birds, dead and/or injured wildlife have been identified, please contact Ava Edens/Designated Biologist (DB) at (949) 466-5178 or ava.edens@jacobs.com. In the event the DB cannot be reached, please contact the Biological Monitor. After you have contacted the DB or Biological Monitor, please complete this "Wildlife Observation Form".

Date and Time	Observer	Observer's Employer
March 20, 2020 at 14:30	Ava Edens (DB)	Jacobs

Location of Observation (include time spotted and coordinates if possible)

Western SERC Laydown Yard (at approximately 33°48'26"N, 117°59"13"W), spotted around 14:30

Wildlife Species Name	Condition of Wildlife (alive/dead, size, age, weight, etc.)
Domestic cats (*Felis catus*)	Dead, age could not be determined, white fur.

Cause of Injury or Mortality and time of death (If unknown, enter "unknown")

Unknown (body decomposed and dry)

Current Location of Animal

Disposed of in covered trash bin.

Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?

Yes		No	X	N/A	

If Yes, Explain

Additional Comments

Found while monitoring western laydown yard. The cat remains were found in an area used for storage. Some materials had been recently moved and the cat may have been under stored materials.

Photo 1			
			
Location	Western SERC Laydown Yard	**Description**	Location of identified dead cat remains.
Photo 2			
			
Location	Western SERC Laydown Yard	**Description**	Location of identified dead cat remains.

Stanton Energy Reliability Center (SERC)
Wildlife Observation Form

To be filled out by personnel who find active nest sites, wildlife dens, dead and/or injured wildlife, or other biological resources during daily construction activities. If nesting birds, dead and/or injured wildlife have been identified, please contact Ava Edens/Designated Biologist (DB) at (949) 466-5178 or ava.edens@jacobs.com. In the event the DB cannot be reached, please contact the Biological Monitor. After you have contacted the DB or Biological Monitor, please complete this "Wildlife Observation Form".

Date	Observer	Observer's Employer
3/24/20	MICHAEL SECHINGTON	ARB INC.

Location of Observation

UNIT 2 FUEL GAS COALECSING FILTER

Wildlife Species	Condition of Wildlife (alive/dead)
DOVE	ALIVE

Cause of Injury or Mortality (Don't speculate, If unknown, enter "unknown")

NONE

Current Location of Animal

DO NOT KNOW

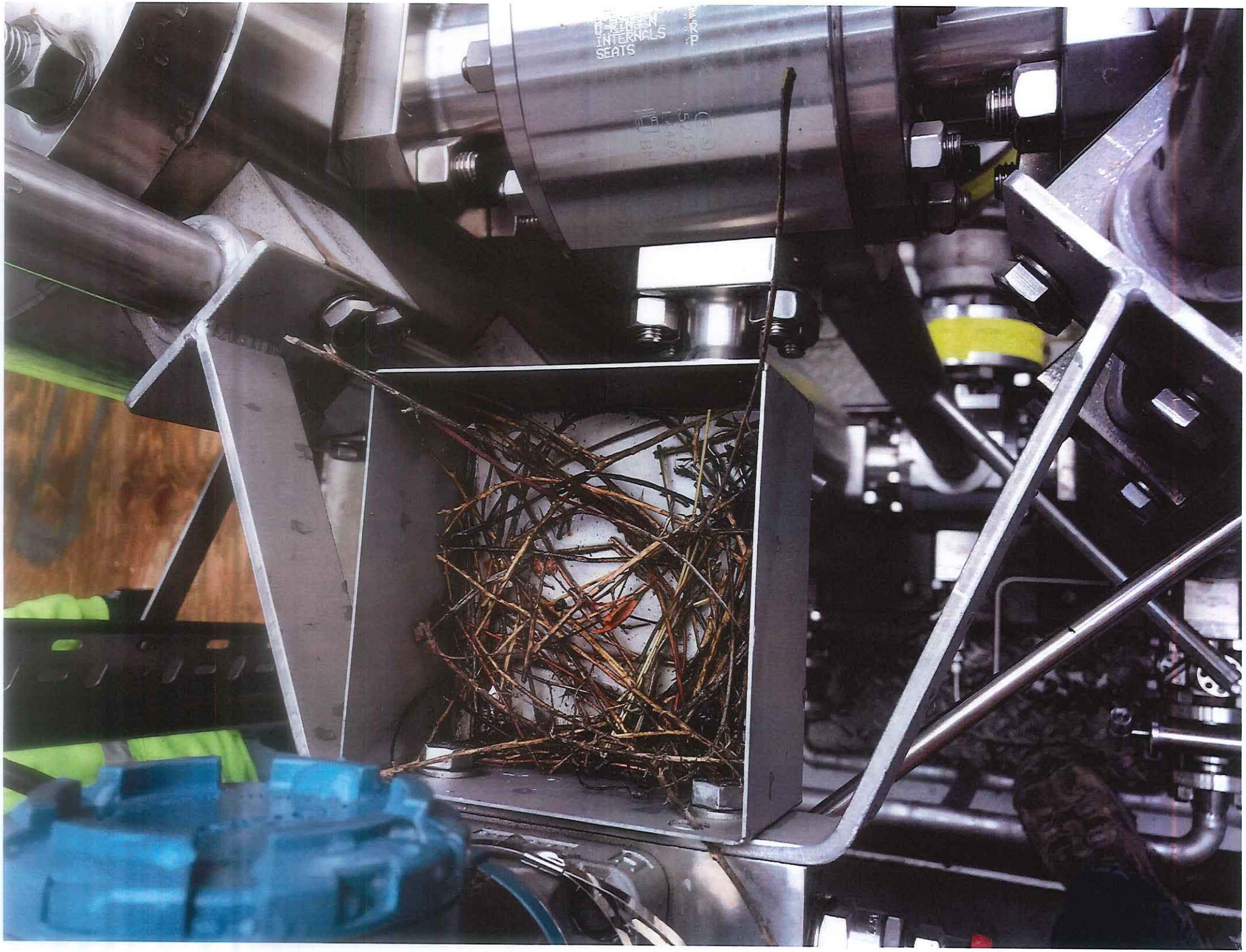
Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?

Yes [ ] No [X] N/A [ ]

If Yes, Explain

Additional Comments

THE PAIR OF DOVES WERE BUILDING A NEST. (SEE ATTACHED PICTURE). SENT THE PICTURES TO AVA EDENS ISCO. SHE REPLIED THAT WE COULD REMOVE THE NEST. MATERIAL. WE REMOVED IT AND PUT SOME FIRE BLANKET TO TRY AND KEEP THEM OUT.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Stanton Energy Reliability Center (SERC)

Wildlife Observation Form

To be filled out by personnel who find active nest sites, wildlife dens, dead and/or injured wildlife, or other biological resources during daily construction activities. If nesting birds, dead and/or injured wildlife have been identified, please contact Ava Edens/Designated Biologist (DB) at (949) 466-5178 or ava.edens@jacobs.com. In the event the DB cannot be reached, please contact the Biological Monitor. After you have contacted the DB or Biological Monitor, please complete this "Wildlife Observation Form".

Date and Time	Observer	Observer's Employer
1400; 3/31/2020	Cara Snellen	Jacobs

Location of Observation (include time spotted and coordinates if possible)

Overhead pipe rack on east side of canal at west end of East parcel (408676 E, 3741157 N); notification 1300 hrs

Wildlife Species Name	Condition of Wildlife (alive/dead, size, age, weight, etc.)
Eurasian collared dove (*Streptopelia decaocto*) - Nest	Nest – live adult w/1 egg

Cause of Injury or Mortality and time of death (If unknown, enter "unknown")

N/A

Current Location of Animal

Nest is located atop the overhead piperack, approximately 20 feet above the ground, on the east side of the canal at the west end of the East parcel (408676 E, 3741157 N)

Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?

Yes		No	X	N/A	

If Yes, Explain

Additional Comments

Crew identified an adult Eurasian collared dove sitting on a nest with 1 egg visible from below. A second adult was later seen perched nearby on the piperack. Flagging was placed at the nest location for identification purposes; however, Eurasian collared dove is not protected by the MBTA and no buffer was established.

No work was occurring in the area on the day of observation. The bird showed no signs of disturbance during the observation period. Work is scheduled to occur on 4/1/2020 on the ground approximately 20 feet from the nest location.

Photo 1			
			
Location	SERC East Parcel	**Description**	Overview of Eurasian collared dove nest location on east side of canal in the East parcel, facing south.
Photo 2			
			
Location	SERC East Parcel	**Description**	Closeup of nest atop overhead piperack approximately 20 feet above ground. One egg was visible from below.

Appendix E
WEAP Training Log

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.	Rafael Palacios Alvarez	PCI	Rafael Alvarez	3-2-20
2.	Edgar Mora	PCI		3-2-20
3.	BRYANT BUGGS	CISCO		3-2-20
4.	[illegible]	[illegible]		3-2-20
5.	JUAN COQUAZ	[illegible]		3-2-20
6.	Jorge Silva	Kobelco		3-2-20
7.	Jorge Camarena	Kobelco		3-2-20
8.	Ricky Alvarado	Kobelco		
9.	Gerson Perez	Wilson Five		3/2/20
10.	Frank Dominguez	WFE		3/2/20
11.	Robert Kalpakian	ATT		3/3/20
12.	Bill Forbes	ATT		3-3-20
13.	Phillip Jessie	Benshaw		3-3-20
14.	Eric Anderson	CISCO		3-6-20
15.	Jorge Gonzalez	Newtron		3-6-20
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Trainer: T. DRAPER Signature: _____ Date: 3/2/20

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

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No.	Employee Name	Company	Signature	Date
1.	Ryan Howard	COSCO Fire		3-5-20
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Trainer: T. DRAPER Signature: _____ Date: 3/2/20

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

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No.	Employee Name	Company	Signature	Date
1.	Milad Lavijani	Kobelco		3/9/20
2.	Bob DOYLE	GE FIELDCORE		2/9/20
3.	Michael Slaughter	RIG		2/9/20
4.	MANUEL MENDEZ	PCL		3/10/20
5.	JEREMY STEIN	M+C		3/12/20
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Trainer: T. DRAPER Signature: _____ Date: 3/9/20

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

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No.	Employee Name	Company	Signature	Date
1.	SEBASTIAN GALVEZ	KOBELCO		3/16/2020
2.	ANTHONY RIVERA	KOBELCO		3/17/2020
3.	Jeramie Smith	Jorgensen Co		3/17/2020
4.	Ja/Mains	Jorgensen Co		3/17/2020
5.	Bryan McGASSON	Jorgensen Co		3/17/2020
6.	Chris Romen	PCI		3/18/2020
7.	Ivan Isles	Air-Ex		3/19/20
8.	Jorge Aguayo	KOBELCO		3/19/2020
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Trainer: T. DRAPER Signature: _____ Date: 3/16/20

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

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No.	Employee Name	Company	Signature	Date
1.	Mariselo Diaz	Genesis cleaning Services		3/23/20
2.	Brenda Garcia	Genesis cleaning Services		3/23/20
3.	Josh Myers	CONTRACTOR		3.24.20
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Trainer: T. DRAPER Signature: _____ Date: 3/23/20

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

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	No.	Employee Name	Company	Signature	Date	
	1.	Khaled Abualrejal	Kobelco	[signature]	03/30/2020	
	2.	Maria Hernandez	Genesis Cleaning	[signature]	3/30/2020	
	3.	Sean Donovan	Montrose	[signature]	3/31/20	
	4.	Henry Lee	Montrose	[signature]	3/31/20	
	5.	Randy Monzon	Montrose	[signature]	3/31/20	
	6.	Luther Capston	GE	[signature]	3/3/2020	
RE-TRAIN	7.	David Moore	Newtron	[signature]	3/25/2020	MB
RE-TRAIN	8.	DAN. D MARTINEZ	NEWTRON	[signature]	3/25/20	M.B
	9.	Miguel Ramos	connect staffin	[signature]	4/1/20	
	10.	Jesus Rangel	Connect	[signature]	4/1/20	
	11.	Bryan Hernandez	Connect	[signature]	4/1/20	
	12.	Fady Saad	Connect	[signature]	4/1/20	
	13.	Brandon Aum	Connect	[signature]	4/1/2020	
	14.	Ignacio bracian	Connect Staffing	[signature]		
	15.	Kevin Steelman	GTE	[signature]	4/9/20	
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Trainer: T. DRAPER Signature: [signature] Date: 3/30/20

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.	Rucke Wynn	TTSC		3/10/2020
2.	Jorge Conde	SMAA		3/10/2020
3.	Stephen Wait	TTSC		3/10/2020
4.	Nathan Howard	TTSC		3/10/20
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Trainer: Ava Edens Signature: Ava Edens Date: 3/10/2020

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.	JASON CHAGARIS	FUSCOE ENG		3/11/20
2.	CHRIS BECKER	FUSCOE ENG		3.11.20
3.	Curt Quinn	Southern		3-11-20
4.	Ray Hoff	Southern		3-11-20
5.	JEREMY BULLOCK	SOUTHERN		3-11-20
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Trainer: Jorge Renteria Garcia Signature: Jorge Renteria Garcia Date: 03 / 11 / 2020

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.	Vladimir Zak	City Grand	[signature]	3.16.20
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Trainer: [illegible] Signature: [signature] Date: 03 / 16 / 2020

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.	John McDermott	Paleowest		03/30/2020
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Trainer: Jose Renteria-Cuevas Signature: _____ Date: 03/30/2020

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.	Mike Boer	Boer Backhoe/TTS	Mike H Boer	3-31-20
2.	Gabriel Espinoza	Construtex	Gabriel Espinoza	3-31-2020
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Trainer: Jorge Portugal-PMD Signature: _____ Date: 03/31/2020

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.	JOSÉ M. HERRERA JR	J&M COMPLETE		03/03/2020
2.	Peter Rodriguez	J and M concrete		03/03/2020
3.	Miguel Chavarria	J&M		3.3.20
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Trainer: ALAIN MEYER Signature: _____ Date: 3/3/20

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

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No.	Employee Name	Company	Signature	Date
1.	Hector Palacios	J&M	Hector Palacios	3-4-26
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Trainer: ALAIN MEYER Signature: _____ Date: 3/4/26

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.	Joel OSORIO	J&M		3/17/2020
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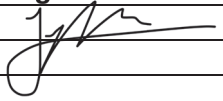
Trainer: ALAIN MEYER Signature: _____ Date: 3/17/2020

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.	Jeanette Lizarraga	PaleoWest		03/16/2020
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Trainer: Natalie Lawson Signature: Natalie Lawson Date: 03 / 16 / 2020

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.	Niranjala Kottachchi	PaleoWest	NKottachchi	03-13-20
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Trainer: Natalie Lawson Signature: Natalie Lawson Date: 03 / 13 / 2020

Attachment 5 – CIVIL

<Attachment 5 has been deliberately left blank in this reporting period>

Attachment 6 – Cultural Resources

Cultural Resources Monitoring Activities Monthly Compliance Report for the Stanton Energy Reliability Center Project (16-AFC-1C) March 2020

Prepared For: John Heiser/California Energy Commission
Tim Bofman/SERC, LLC

Copies: Carmen Gratais, SERC, LLC
Doug Davy/Jacobs
Karen Parker/Jacobs
Phil Reid, CRS/Jacobs

Prepared By: Natalie Lawson, Alternate CRS /PaleoWest
Reporting For Period: March 2020

This March 2020 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from March 1 through March 31, 2020 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. Excavations in March included those for fence posts on Parcels 1 and 2 of the SERC plant, for electrical conduit, fire water line, grounding wires, water drainage, and miscellaneous other excavations on Parcels 1 and 2 of the SERC Plant, for off-site water line at the intersection of Fern Avenue and Pacific Street and on Dale Avenue, and for the 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.

Personnel Active in Monitoring This Period

Alternate CRS Natalie Lawson and Cultural Resources Monitors (CRMs) Jennifer Moritz, Jeanette Lizarraga, and John McDermott monitored during this reporting period.

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

TABLE 1

Number of CRMs and NAMs Present, by Date

Date	CRMs	NAMs
03/02/2020	2	2
03/03/2020	2	2

TABLE 1

Number of CRMs and NAMs Present, by Date

Date	CRMs	NAMs
03/03/2020	2	2
03/05/2020	1	1
03/06/2020	2	1
03/09/2020	2	1
03/10/2020	1	1
03/11/2020	2	1
03/12/2020	1	1
03/13/2020	1	1
03/16/2020	2	1
03/17/2020	3	1
03/19/2020	1	1
03/20/2020	1	1
03/23/2020	1	1
03/24/2020	3	2
03/25/2020	2	2
03/26/2020	2	2
03/27/2020	2	2
03/30/2020	2	1
03/31/2020	2	1
Total CRM/NAM-Days	37	28

Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Monday, March 2, 2020. Activities monitored on the SERC plant included trenching for electrical conduit, fire water line, grounding wires, water drainage, and miscellaneous excavations on Parcels 1 and 2 and augering for fence posts on Parcels 1 and 2. Grading for the battery storage site began on Parcel 2 this month. Monitoring activities associated with the plant site included off-site trench excavations for water line at the intersection of Fern Avenue and Pacific Street and Dale Avenue.

Fire water line excavations reached up to 7 feet below current surface. Excavations for the electrical conduit and the water drainage reached up to 4 feet below current surface. Augering for fence posts extended to 5 feet below current surface. Up to 2 feet were removed near the Dale Avenue entrance to lay mesh and fill. The off-site water line trenching reached up to 5 feet below current surface.

Work on the SoCalGas line included trench excavations for the gas tie-in, hand augering

for pipe supports, and trench clean up and shoring removal. Work occurred at La Palma Avenue and Dale Avenue and at the MSA Yard adjacent to the SERC plant. Depths extended up to 8 feet to 9 feet below the current surface in the gas line trench and MSA Yard and up to 6 feet below the newly installed pipe for the pipe supports; thus, the depths of the excavations were approximately 4 feet below current surface. Gas line tie-in excavations reached depths of 6 ½ feet below current surface.

Native sediments were observed in all excavations in March. Native sediments observed on the plant site generally began approximately 2 feet below the current surface and consisted of light brown moderately-compacted and medium-grained sand. Native sediment was noted as high as 1 foot below current surface when excavating for the electrical conduit. Native sediments observed in the off-site trenching on Dale Avenue began 4 feet below ground surface and consisted of silty brown medium-grained sand with moderate compaction. Native sediments on Fern Avenue and Pacific Avenue began at 4 ½ feet to 5 feet below the asphalt and consisted of light colored sand and silty sand. Observed sediments in pipeline tie-in excavations were medium brown loosely-compacted and loamy medium-grained sands with some silt above medium brown loosely-compacted to uncompacted medium-grained loamy sands with small, sparse angular inclusions, which extended to the bottom of the trench. Observed native sediments in the pipe support excavations were found at approximately 2 ½ feet below current surface and consisted of medium compacted reddish brown sand.

Cultural Resources Discoveries This Period

One isolated find, comprised of two items, was discovered during excavations in the MSA Yard in March 2020. On March 16, 2020, a glass brown bottle with a Latchford-Marble maker's mark, dating between 1939 and 1957, was found in the back dirt during excavations in the MSA Yard. On March 30, 2020, a white milk glass cold cream container embossed with "Woodbury" was found in the same area as the bottle. Woodbury cold cream containers generally date between 1920 and the 1950s. The container had a screw top metal lid. Both items were collected and Department of Parks and Recreation forms were completed.

Fulfillment Requirements of Each Cultural Resources 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.

TABLE 2

Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
CUL-1: Appointment and Qualifications of Cultural Resources Personnel	• Owner must appoint a designated Cultural Resources Specialist (CRS) and Alternate CRSs. CRS will manage monitoring and reporting and make recommendations regarding eligibility of finds for California Register of Historical Resources • CRS may obtain services of Cultural Resources Monitors (CRMs) and Native American Monitors (NAMs) • CRS may obtain services of additional technical	**In compliance** • Owner has appointed CRS and Alternate CRS. CRS is directing monitoring. • CRS has obtained services of CRMs and NAMs • No additional technical specialists have been required

TABLE 2

Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
	specialists as needed.	
CUL-2: Information to be Provided to CRS	• Owner must provide CRS with project information including the Application for Certification, cultural resources reports, data request responses, Final Staff Assessment, and Commission Decision, and project designs and maps. • Owner must provide CRS with a weekly construction schedule • Owner must notify CRS of any changes to construction phases.	**In compliance** • Owner has provided CRS with project information and maps • Owner provides three-week lookahead schedule weekly • There have been no changes to the construction phases.
CUL-3: Cultural Resources Mitigation and Monitoring Plan (CRMMP)	• The CRS must prepare a CRMMP, including a research design, implementation schedule, identification of cultural resources personnel, plan for Native American participation, description of impact avoidance measures, plan for curation, and LORS compliance plan for human remains.	**In compliance** • The CRMMP has been prepared and approved by the CPM
CUL-4: Final Cultural Resources Report	The CRS must prepare a final Cultural Resources Report after construction is complete summarizing all field activities and including copies of all DPR forms and cultural resources reports associated with project construction.	**Not applicable** – construction is not completed.
CUL-5: Cultural Resources Worker Environmental Awareness Program (WEAP)	• 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. • 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	**In compliance** • All workers on site have viewed the video/PowerPoint training and signed the documentation sheet (found in the Biological Resources Compliance report).
CUL-6: Cultural Resources Monitoring	• The CRS, Alt CRS, or CRMs must be onsite to monitor ground disturbance in native (non-fill) soils. • The CRS must obtain the services of a NAM to monitor ground disturbance in non-fill sediments. • CRMs and NAMs must prepare a daily field report, to be submitted daily by the CRS. • The CRS must prepare a Monthly Compliance Report summarizing activities of CRS, CRMs, and NAMs. • The CRS must report incidents of non-compliance with LORS	**In compliance** • The CRS or CRM has monitored ground disturbance. • A NAM monitored ground disturbance • The CRS has submitted the daily field reports • The CRS has prepared this Monthly Compliance Report • There have been no incidents of non-compliance with LORS
CUL-7: Powers of CRS/Cultural Resources Discovery Protocol	• The CRS has authority to halt construction in the event of a cultural resource find • The CRS or CRM must record the find on Form DPR-523 and notify the CPM • If human remains are found, the CRS must notify the Native American Heritage Commission.	**In compliance** • One cultural resource discovery was made this month. The CRS/CRM recorded this find on DPR-523 and notified the CPM • No human remains have been

TABLE 2

Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
	• If the find would be of interest to Native Americans, the CRS must notify Native American groups that have expressed an interest in notification.	found • No finds of interest to Native Americans have been made
CUL-8: Fill Soils	If the project will use fill from a non-commercial borrow site or deposit sediments in a non-commercial fill site, the CRS must conduct a pre-construction cultural resources survey of the site.	**In compliance** • No new sources of non-commercial fill or disposal were identified for use this month.

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 March 1 to 31, 2020, a total of 60 persons completed the SERC WEAP training. The hard copy training logs for the March 2020 reporting period are included in the Biological Resources Monthly Compliance Report.

Anticipated Changes in the Next Period

Hand excavations for pipeline supports are expected to be completed in April 2020. Various excavations are planned at the SERC plant in April. Trenching will continue on the battery site in April. 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
March 2020

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 March 2020, as required by California Energy Commission license Condition of Certification PAL-6.

Personnel Active in Paleontological Monitoring This Period

No PRMs were onsite at the SERC or on the SoCalGas pipeline corridor in March 2020.

Monitoring and Associated Activities This Period

No paleontological monitoring occurred in March 2020.

Pipeline construction by SoCalGas and ARB continued intermittently during the month of March. All excavations during pipeline trenching and excavations at SERC were less than 10 feet in depth. As per the Paleontological Resources Monitoring and Mitigation Plan (PRMMP), the stratigraphy of the upper 10 feet consists of disturbed/artificial fill and/or younger Quaternary alluvium (found below the disturbed/artificial fill). These levels have low paleontological sensitivity and due to the nature of these soils, no paleontological monitoring was required.

Paleontological Resources Discoveries This Period

No paleontological resources were discovered during the month of March 2020.

Anticipated Work and/or Changes in the Next Period

Excavations in Parcel 2 at the SERC Plant will continue in April 2020. Any excavations which extend deeper than 10 ft will be monitored by an approved PRM.

Comments, Issues or Concerns

None to report.

Attachment 8 – ELEC-1

MEMORANDUM – DCBO APPROVAL

DATE: March 17, 2020

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

FROM: Alan Vallow, P.E., Senior Electrical Engineer
NV5, Inc.
Alan.Vallow@NV5.com
209.329.0765

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-23.0_BESS SWGR AC/DC SCHEMATICS_200303_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 Vallow, PE
Reason: Reviewed for Code Compliance
Date: 2020.03.17 09:28:30 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 17, 2020

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

FROM: Alan Vallow, P.E., Senior Electrical Engineer
NV5, Inc.
Alan.Vallow@NV5.com
209.329.0765

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-27.0_BESS AG RACEWAY PLANS_200303_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 Vallow, PE
Reason: Reviewed for Code Compliance
Date: 2020.03.17 09:07:02 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 16, 2020

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

FROM: Alan Vallow, P.E., Senior Electrical Engineer
NV5, Inc.
Alan.Vallow@NV5.com
209.329.0765

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-28.0_SCE BKFD-UEI LOTO PROCEDURE_200303_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 Vallow, PE
Reason: Reviewed for Code Compliance
Date: 2020.03.17 08:51:43 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 30, 2020

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

FROM: Alan Vallow, P.E., Senior Electrical Engineer
NV5, Inc.
Alan.Vallow@NV5.com
209.329.0765

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-9.0_X2_PANELBOARD SCHEDS_200317_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 Vallow, PE
Reason: Reviewed for Code Compliance
Date: 2020.03.30 09:52:24 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 17, 2020

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

FROM: Alan Vallow, P.E., Senior Electrical Engineer
NV5, Inc.
Alan.Vallow@NV5.com
209.329.0765

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-29.0_SCE BKFD–13.8kV CTG Swgr Rpt_200304_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 Vallow, PE
Reason: Reviewed for Code Compliance
Date: 2020.03.17 14:00:53 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 17, 2020

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

FROM: Alan Vallow, P.E., Senior Electrical Engineer
NV5, Inc.
Alan.Vallow@NV5.com
209.329.0765

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-30.0_SCE BKFD–OVERALL SLD_200304_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 Vallow, PE
Reason: Reviewed for Code Compliance
Date: 2020.03.17 14:22:27 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 17, 2020

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

FROM: Alan Vallow, P.E., Senior Electrical Engineer
NV5, Inc.
Alan.Vallow@NV5.com
209.329.0765

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-SI-055 87L CUTOFF SWCH-311L & L90RELAYS_200303_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 ---

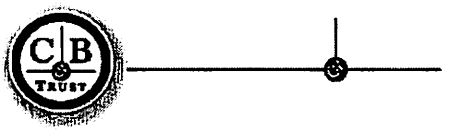
This review is intended only to verify conformity to the 2016 edition of the California Building Standards. It does not relieve Contractor and Applicant of responsibility for requirements of Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, 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 Vallow, PE
Reason: Reviewed for Code Compliance
Date: 2020.03.17 14:38:33 -07'00'

Attachment 9 – GEN-2 Master Drawing List

<Attachment 9 has been deliberately left blank in this reporting period>

Attachment 10 – GEN-3 CBO Payment



View US Wire

Use this page to view a US Wire

Help

View Payment History

Payment Information

Status	Confirmed
Confirmation Number	IMAD:0324L4B74B1C000050
Payment Number	51652580
Debit Account	SERC OP - ******6538
Debit Amount	128,290.76 USD
Value Date	03/24/2020
Send Date	03/24/2020
Frequency	One-Time Only
Reference for Recipient	SERC
Details of Payment	Stanton Energy Reliability Center Invoice 152240 Project 550818-0000020.00
Ordering Customer	

Recipient Information

Recipient	NV5 Inc. Account Number [redacted] 200 S Park Road STE 350 Hollywood, FL 33021-8798
Recipient Bank	BANK OF AMERICA, N.A., NY ABA (Wire) 026009593 NEW YORK NY UNITED STATES

Options

Intermediary Bank	
Receiving Bank	
Bank to Bank Information	

Cancel

Attachment 11 – GEN-6 Special Inspectors

Joe Bouknight, PE

Engineering Manager

Professional Summary

Mr. Bouknight has 11 years of experience in the engineering and construction management. With his experience, he has already managed some of the biggest projects in San Diego where he served as the project manager, and engineer in charge of QA/QC activities. As an Engineering Manager, Mr. Bouknight was responsible for overseeing the all laboratory actives and accreditations within our construction materials testing lab. These accreditations included AASHTO, DSA, Caltrans, as well as City of San Diego.

Mr. Bouknight is directly responsible for maintaining our Quality Control Program. Mr. Bouknight is also directly responsible for overseeing our field and lab reporting process. He is directly responsible for moving this process from the standard paper format, to an electronic medium. This process allowed for real-time access and collection of data for the client, engineer, and inspector. This approach to reporting has allowed us to more efficiently manage and trace the work which our staff conducted.

Education, Registrations, & Certifications

- BS, Civil Engineering, University of South Carolina, Columbia, South Carolina
- Civil Engineer (PE) – Active, California, R.C.E #81517

Relevant Experience

- *Clark Road Improvements at UPR Crossing –Imperial County* – Engineering Manager responsible for managing and overseeing all QA activates for the roadway improvements at the Union Pacific Railroad Crossing. Supervised field staff, and reviewed all laboratory and field reports for QA activities. Prepared and submitted compaction summary report for all QA activities on behalf of Imperial County.
- *San Ysidro Land Port of Entry, Phase 2, San Ysidro, CA, Hensel Phelps Construction Company* – Senior Project Manager: Managed day-to-day field operations and engineering support for this $187M project. Experience as Engineer and Project Manager on Phases 1B & 1C was directly contributed to the success of the team. The project includes demolition, building construction, paving, tunneling, and bridge connections.
- *Calexico West Land Port of Entry, Phase I, Calexico, CA, Jacobs Engineering Inc.* – Senior Project Manager: Managed day-to-day field operations. The project included building construction, paving, tunneling, and bridge connections. Played an instrumental role in managing the staff and costs for this project, while ensuring the client is in compliance with all inspection and testing requirements. As Project Manager, coordinate with sub consultants performing Air Barrier Testing,
- *P-1045 Potable Water Conveyance Project, Camp Pendleton, Orion/Filanc JV.* – Responsible Engineer / Project Manager: Responsible for all QC activities, while tracking costs and maintaining communication with the Team. Project scope includes the new conveyance line will be constructed as a connection to the new advanced water treatment plant in the northern part of the base and convey the treated potable water to the southern parts of the base. Construction Quality Control Consultant responsible for quality control testing and inspection and has been a vital part of the Design-Team.
- *Cedar & Kettner Parking Structure, San Diego, CA, McCarthy Construction Company* – Responsible Engineer / Project Manager: Responsible for overseeing subsurface investigation, fault monitoring, materials testing, and special inspection throughout construction. Successfully tracked and analyzed costs, while informing client of any scope impacts which were encountered. Successfully submitted and negotiated several change orders throughout the course of construction.
- *Eastlake High School, Amphitheater, Observatory, Various Improvements, Chula Vista, CA Sweetwater Union High School District* – Engineering Manager / Project Manager: Responsible for overseeing the laboratory testing and special inspection services performed on the project. Scope of work included grading for new observatory, and amphitheater as well as miscellaneous site improvements across campus. Played a vital role to the Sweetwater Union High School District in ensuring that the contractor performing the work conformed to the testing and inspection requirements as identified within the California Building Code.

- *P-1044 Advanced Water Treatment Plant & Conveyance Pipeline, Camp Pendleton, CA, CH2MHill* – Project Manager: Managed geotechnical staff and consultant while conducting geotechnical investigation and reporting. Scope of work included the construction of a New Advanced Water Treatment Plant, and approximately 14 miles of Conveyance Pipeline.
- *San Diego County Administration Building – Waterfront Park, San Diego, CA, McCarthy Construction Company* - Project Manager: Responsible for overseeing all special inspection & materials testing, along with all work conducted by our consulting geotechnical engineer & environmental monitoring subconsultants. Scope of work includes new one story underground post tensioned parking garage and San Diego Bay Water Front Park including water fountains. Additionally, G-Force was selected as geotechnical engineer of record and tasked with conducting the geotechnical investigation, investigation for environmental contaminants, and environmental monitoring during excavation.
- *North Embarcadero Visionary Plan, San Diego, CA, Arcadis* – Project Manager / Project Engineer: Responsible for coordinating dispatch requests, reviewing laboratory and field reports, and ensuring the owner that the contractor is 100% compliant with project requirements and specifications. Scope of work includes new roadways, boardwalk park and site improvements.
- *San Ysidro Land Port of Entry, Phase 1B & 1C, San Ysidro, CA, Hensel Phelps Construction Company* – Project Manager / Project Engineer: Responsible for Managing day-to-day field operations and engineering support for this $187M project. The project included demolition, building construction, paving, tunneling, bridge connections, pedestrian crossings, parking structures, and shade canopies. Managed and tracked all costs, while maintaining on-going communication with client. Successfully submitted and negotiated several change orders throughout the course of construction. Our ability to establish and maintain trust with the client resulted in significant increase in our scope of work.
- *Point Loma Wastewater Grit Separator, San Diego, CA, Jacobs Engineering Inc.* – Project Manager / Project Engineer: Managed all field operations for the demolition of current grit separator and construction of new separator. The project is unique due to the integral coordination efforts required when working for the CM firm and the City of San Diego.
- *MV-22 Double Hangar and Taxiway/Apron Replacement, MCAS Miramar, CA, Hensel Phelps Construction Company* – Project Manager / Project Engineer: Managed day-to-day field operations, including geotechnical investigation and complex mix designs for concrete treated base using crushed recycled asphalt. The project includes massive grading and paving, hangar construction and significant utility work. Skillfully tracked all costs while under a fixed price contract. Maintained communication with Client, and successfully negotiated change orders as a result of scope and schedule changes.
- *San Vicente Dam Raise, Lakeside, CA, Parsons* – Project Manager: Managed day-to-day field operations, including welding & NACE inspection. Was been instrumental in aiding the QA Team in handling unforeseen requirements and staffing positions with knowledgeable staff. Coordinated all field work between the QA Team and our staff. Played a vital role in ensuring the project requirements were met, and bringing knowledgeable NACE inspectors to aid of the project.
- *San Diego Community College Mesa Design Center, San Diego, San Diego Community College District* – Project Manager / Staff Engineer: Managed all construction materials testing and special inspection including but not limited to concrete compression testing, reinforcing steel, structural steel, and pull testing of embedded anchors. Responsible for overseeing all field & laboratory work. Oversaw the closeout process for projects, ensuring that they were properly conducted in accordance with DSA requirements.
- *San Diego County Water Authority Pipeline #3 and #4, San Diego, CA, EPC Consultants – Project Manager / Staff Engineer:* Managed all field inspection activities including concrete, soils and high strength grout inspections. Integral part of the construction cycling schedule which uniquely phasing the work in a way to maximize field efficiency and minimize construction delays.

Arthur Din

Senior Technician

Registrations/Certifications

- *Caltrans Certified in Testing of Construction Materials*
  - *CT 125 – Sampling (Soil and Aggregate)*
  - *CT 125 – Sampling (HMA / Soil & Aggregate*
  - *CT 216 – Relative Compaction (Soil and Aggregate)*
  - *CT 226 – Moisture Content (Soil and Aggregate)*
  - *CT 231 – Relative Compaction (Soils and Aggregates)*
  - *CT 375 – Relative Compaction (HMA)*
  - *CT 504 – Air Content (Concrete)*
  - *CT 518 – Unit Weight (Concrete)*
  - *CT 523 – Flexural Strength (Concrete)*
  - *CT 533 – Ball Penetration (Concrete)*
  - *CT 539 – Sampling (Concrete)*
  - *CT 540 - Making, Handling, and Storage of Specimens (Concrete)*
  - *CT 556- Slump Test (Concrete)*
  - *CT 557 – Temperature (Concrete)*
- *Nuclear Gauge Radiation Safety and Use Certification – Number 36574*

Professional Summary

Mr. Din has 18 years of experience providing geotechnical, materials testing and construction observations services. Principal duties have included review of plans and specifications, observations and testing of construction materials and laboratory testing, and management of field stahh. Expertise encompasses observation and testing during mass grading, soil stabilization (lime treatment and concrete treated bases), concrete and reinforcing steel, sheet pile installation, canal linings, piepline installations, utility trench backfill, retaining wall installation and backfill, subgrade stabiziation and dewatering, asphalt concrete, and batch plant inspections.

Relevant Experience

- *SDG&E projects, Count of San Diego, California :*
  - *TL676 Reconductor. - Assisted in field sampling and testing of Fluidized Thermal Backfill (FTB)*
- *San Vicente Dam Raise, San Diego County Water Authority, California: Senior Field Technician, Provided soil field testing during construction of new dam, marina and boat launching facility.*
- *Various public works and underground utility projects, County of San Diego, California*

Senior field Technician, Supervised soils field testing on various projects throughout County of San Diego. Reviewed project plans and specifications and managed all documentation and data entry of field-testing.

  - *San Vicente Road Improvement Project*
  - *Borrego Springs Road Resurfacing*
- *Various public works and underground utility projects, County of Imperial, California*

Senior Field technician., Supervised soils field testing on various projects throughout County of Imperial. Reviewed project plans and specifications and managed all documentation and data entry of field-testing.

  - *Overlay of various roads for Local Transportation Authority (LTA).*
  - *Dogwood Road pavement improvements*
  - *Pitzer Road Improvements*
  - *Ross Road Improvements*
  - *North Marina Drive Improvements*
  - *Cole and Kloke Road Improvements*
  - *S.R. 111 and McCabe Road Intersection*
  - *Winterhaven Street Improvement*
  - *Arnold Road Improvements*
  - *High Line Bridge Repair*
  - *Evan Hewes Bridge Repair*
  - *Ogilby Road and Picacho Road Resurfacing*
- *El Centro WWTP | El Centro, California*

Senior Field technician peovided inspection during installing a bar screen at the treatment plant headworks

Tom Nguyen

Structural Inspector NDT Special Inspector

Registrations/Certifications

- *Certified Welding Inspector AWS CWI #:12061753*
- *SNT-TC-1A UT Level II*
- *SNT-TC-1A MT Level II*
- *SNT-TC-1A PT Level II v*
- *ACI Field Tech Grade 1*
- *ICC – Structural Steel, Bolting v ICC - Structural Masonry*
- *ICC – Spray Applied Fire Proofing*
- *ICC – Reinforced Concrete*
- *General Contractors License*
- *Quality Assurance Manager*

Professional Summary

Mr. Nguyen over 15 years' experience in the industry starting his career as a general contractor and has a solid knowledge base of steel construction environments. His extensive experience includes structural steel and welding inspection, Non-destructive Testing, reinforced concrete, structural masonry, structural steel and bolting, and spray applied fireproofing; with a thorough knowledge of OSHPD, DSA and large-scale government and commercial projects. Mr. Nguyen has an extensive completion records with project completion values in the billions.

Relevant Experience

- *Scripps Cardiovascular Institute – NDT, UT/MT*
- *Palomar Medical Center West - CWI, NDT UT/MT*
- *University of San Diego - CWI, NDT UT/MT*
- *Banner Hospital - CWI NDT UT/MT*
- *400 Spectrum Center Dr - CWI, NDT UT/MT*
- *ASU Student Pavilion - CWI, NDT UT*
- *UC Benioff Children's Hospital – CWI, NDT UT/MT*
- *Emerson Bandini Elementary – CWI, NDT UT/MT*
- *Modesto Pipeline - CWI, NDT MT*
- *Las Vegas Convention Center – CWI, NDT UT*
- *MPK 21 Facebook Headquarters – CWI, NDT UT*

John Molla

AWS/CWI Special Inspector

Registrations/Certifications

- *AWS Certified Welding Inspector QCI-88 Certificate 96080591 AWS Code D1.1*
- *ICC Certified Special Inspector, Structural Steel and Welding No. 43849*
- *ICC Certified Masonry Inspector*
- *City of San Diego, Registered Special Inspector #527, Structural Steel and Welding*
- *ACI Concrete Technician, Certification Number 60119*

Professional Summary

Mr. Molla has 25 years' experience in the Quality Assurance Industry as a Certified Welding Inspector and Special Inspector. Mr. Molla has a strong knowledge of building codes and safety requirements for construction projects and has been employed by NV5 for 14 years.

- Provide visual welding inspection and quality control from steel fabrication through on-site steel erection.
- Welder certification and bolt tensioning inspection.
- Strong knowledge of building codes and safety requirements for construction projects.

Relevant Experience

- *AWS Special Inspector-Shop Fabrication- Cuyamaca Cell Tower*
- *Special Welding Inspector, Several Projects for Solar City- Solar Panel Structures: Welding Inspector in Shop and Field*
- *Special Welding Inspector, Several Projects San Diego Unified School District- Bleachers, Guard Rails: Welding Inspector in Shop and Field*
- *Lindbergh Field (San Diego Airport) – International Host Marriott Concession, structural steel fabrication, special inspection.*
- *Otay Water District, Chula Vista - New water pipe installation, AWS special inspection*
- *Special Inspector, several projects Scripps Health*
- *As-Needed Materials Testing Services - San Diego Community College District: Welding Inspector for the, Mesa College - East Campus Improvement Project, Mesa College - Allied Health Education and Training Facility, Mesa College - Track and Football Field Improvements, Miramar College - Heavy Duty Advance Transportation Technology Center, Miramar College - Student Union Campus Center*
- *As-Needed Materials Testing Services - San Diego Unified School District, San Diego, CA: Welding Inspector on numerous projects for the San Diego Unified School District including Lincoln High School, Burbank Elementary School and Kroc Middle School Performing Arts Center*
- *As-Needed Materials Testing Services - San Diego State University, San Diego, CA: Welding Inspector on the SDSU South Campus Plaza, SDSU Aztec Student Center and SDSU Storm Nasatir*
- *Numerous projects for Poway High School, Poway Unified School District, including Willow Grove Elementary School, Shoal Creek Elementary School, Monterey Ridge Elementary School, Meadowbrook Middle School and Monterey Ridge Elementary School*
- *Coronado Middle School, Coronado - New campus project, (site) special inspection, steel fabrication.*
- *Silver Strand Elementary School, Coronado - Media center, special inspection.*
- *UCSD Medical Center, North Annex Seismic Research Facility, Special Inspection*
- *Sunroad Centrum - 12-story, 306,000 square-foot tower sits above one level of subterranean parking*
- *Hilton San Diego Convention Center Hotel*
- *El Centro Regional Medical Center, Partial Seismic Upgrade, Special Inspection*
- *Mission Ridge Trails Business Park - El Cajon, Five new office buildings, special inspection*
- *Golden Hill Fire Station # 11 – San Diego, Special inspection*
- *Pioneer Memorial Hospital, Brawly, CA, Lead Special Inspector*

John Gomez

Senior Inspector

Professional Summary

Mr. Gomez has over 20 years of experience in asphalt, grading, concrete, and pipeline projects including land development, commercial, residential and public work experience. He has experience in both inspections, field and laboratory testing, and has conducted special inspections for roads, pipelines, canals, bridges, underground facilities and buildings. He has extensive experience providing continuous inspections on street and underground improvements; roadway surface paving, grades and code requirements for curbs, gutters, sidewalks, alleys and other related surface improvements. He has inspected the installation of underground wet and dry utilities such as storm drain, water and sewer lines, electric, natural gas and fiber optics cable. He is competent with connections of specific joints and backfilling of pipelines. He has extensive experience in observation and testing services associated with earthwork and asphalt concrete placement in general accordance with both ASTM and Caltrans Standards Specifications.

Registrations/Certifications

- *ICC (International Code Council) Concrete/ Certificate No. 8261400*
- *ICC (International Code Council) Masonry/ Pending*
- *ACI Concrete Field Testing Technician, Grade I, Certification ID #00931598*
- *California Polytechnic State University, Civil Engineering 1991-1993*
- *PARSONS, San Diego, CA, Safety, Health and Risk Program (SHARP) 2009 Certificate*
- *QAL-TEK Associates, LLC, Radiation Safety and Nuclear Gage User Safety, Training NUREG 1556 Vol 1, 10 CFR Parts 10&20, DOT Hazmat Requirements 49 CFR Part 172, 29 May 2014*
- *Pima-Maricopa Irrigation Program, Trenching and Excavation Safety, Confined Space, Competent Person Training 20 July 2012 Certificate*
- *American Red Cross, Sacaton, AZ, CPR and First Aid Training 2013 Certificate*

Relevant Experience

John has performed construction inspections and testing in various public works, educational facilities, and transmission line projects throughout San Diego County. Projects included:

- *City of Chula Vista – Public Works Inspector* – John was the city public works inspector for various facilities and construction projects involving street and underground improvements including sewer and water lines - Chula Vista, California.
- *City of Beaumont – Public Works Inspector* – John performed public works inspections on behalf of the city for utilities and roadways for various residential and commercial development within the city boundaries.
- All American Canal Rehabilitation and Lining Project – Senior Construction Inspector - Imperial Valley, California. John was the senior construction inspector during the re-lining of the All American Canal. He monitored the performance of the contractor, inspected the earthwork and concrete work on behalf of the Imperial Irrigation District.
- *Del Mar Fairgrounds – Storm Water Improvement Project – Senior Construction Inspector* - John is the lead construction inspector for a project converting the Del Mar Racetrack infield water features into holding ponds for stormwater, constructing a wetlands area and building a treatment plant that will remove pollutants from stormwater before it leaves the Fairgrounds.
- *San Diego County Water Authority* – Senior Construction Inspector – John performed soil, steel and concrete inspections during various re-lining projects for the water authority as well as the construction of flow control facilities.
- *San Diego Unified School District Projects* - Senior Construction Inspector on projects completed under NV5's current $1.5 million on-call contract including; Crawford High School, Mission Bay High School, Patrick Henry High School, Language Academy High School and Kroc Middle School-San Diego, California.
- *SDG&E C1090 Project - Senior Project Inspector - Trenching, Paving, and bridge widening - Jamul, California.*
- *Beaumont Street Improvement Projects - Cougar Way Widening - Public Works Inspector - Paving and road widening - Beaumont, California.*

Terry Willhoit, Sr.

Engineering Technician

Registrations/Certifications

- *American Concrete Institute (ACI) – Field Testing Technician - Grade I*
- *Nuclear Density Gauge Operation*
- *International Code Council (ICC) Concrete, Masonry, High Strength Bolting, Spray Applied Fire Proofing*
- *American Welding Society (AWS-CWI)*
- *American Society for Nondestructive Testing (ASNT) – Level 2*
- *30 Hour OSHA*

Professional Summary

Terry Willhoit, Sr. joined NV5 as an engineering technician in 2017. With over 30 years of previous experience in the industry, Mr. Willhoit has been a great addition to NV5. During the past two years, Mr. Willhoit has repeatedly been requested by PG&E to act as a resident inspector representing PG&E during both new and revitalization projects.

Relevant Experience

- *Bear River Canal Slide U/S Tunnel 1, Colfax, CA* - Inspector for Pacific Gas & Electric Company (PG&E) for the Bear River Canal Slide U/S Tunnel project located in Colfax, California. Mr. Willhoit provided inspection services during the mitigation being completed on the project. NV5 monitored the contractor's safety operations for conformance with written plan, provided monitoring and inspection of work performed to verify compliance with project specifications, and prepared and distributed daily field reports.

- *Grass Valley Dmv Field Office Replacement, Grass Valley, CA* - Welding inspector for the DMV field office replacement project located in Grass Valley, California. The Department of General Services (DGS) project consisted of an 8,032 square foot (SF) new DMV branch office, associated parking, off-site improvements, landscaping, utilities, and other infrastructure on a 1.32 acre site. NV5 provided materials testing and inspection services during the duration of the project.

- *Drum Canal Culvert Replacement Station, Alta, CA* - Inspector for Pacific Gas & Electric Company (PG&E) for the Drum Canal Culvert Replacement Station project located in Alta, California. Mr. Willhoit provided inspection services during the mitigation being completed on the project. NV5 monitored the contractor's safety operations for conformance with written plan, provided monitoring and inspection of work performed to verify compliance with project specifications, and prepared and distributed daily field reports.

- *Sierra Nevada Memorial Hospital Improvements, Grass Valley, CA* - Special inspector during the improvements to the Sierra Nevada Memorial Hospital ED/DI project located in Grass Valley, California. Mr. Willhoit verified compliance with the client provided specifications and plans. NV5 performed periodic to continuous special inspection per California Building Code (CBC) 2016 during construction of: structural steel (welding) in the shop, structural steel (welding/bolting) in the field, structural concrete, structural masonry, and fire resistive systems.

- *Department Of Water Resources (Dwr) Canal Liner And Embankment Repair, Merced County, CA* - Special inspector during the reconstruction of the canal liner and embankment at milepost 62.3 within the California Aqueduct system in Merced County, California. Mr. Willhoit verified compliance with client provided specifications and plans. NV5 performed periodic to continuous field/moisture density testing and observation per project specifications during construction of engineered fill. In addition, NV5 performed laboratory testing to support the special inspection and materials testing being completed in the field.

- *Briar Patch Building Addition, Grass Valley, CA* - Special inspector during the construction of the Briar Patch building addition located in Grass Valley, California. Mr. Willhoit provided special inspection per California Building Code (CBC) 2016 during construction of structural steel (welding) in the shop, structural steel (welding) in the field, and structural concrete. In addition, NV5 provided field moisture/density testing and observation during construction of subgrade and aggregate base sections.

Carl Henderson, PhD, PE, GE

Construction Quality Assurance Group Director (San Diego)

Professional Summary

Dr. Henderson is the Construction Quality Assurance (CQA) Group Director for NV5's San Diego, California office. He oversees the Construction Quality Assurance (CQA) group which includes Geotechnical Engineering, Materials Testing and Special Inspections and Forensics. Dr. Henderson has experience in leading and managing a multi-disciplinary office of between 20 to 40 staff.

With more than 20 years of experience in geotechnical engineering project roles to include project management, subsurface evaluation, and execution of various geotechnical engineering, soils and materials testing, field instrumentation, and construction oversight projects for a diverse array of clients, Carl is a results-oriented, practical professional with strong leadership skills honed in both civilian and military careers. Dr. Henderson's geotechnical-related experience includes completing evaluations for a wide variety of projects including power generation and transmission, bridges, highways, roadways, embankments, levees, land development, institutions, and commercial and industrial facilities. He has extensive experience with earthwork, stability evaluation and foundation design for many large construction projects in California and Pennsylvania.

Dr. Henderson also oversees field engineering services and laboratory supervision for the testing and inspection for concrete, structural steel, masonry, soils, asphalt, and civil construction. He is also responsible for laboratory compliance with various agencies. Carl reviews and coordinates lab analysis schedules, prepares reports, coordinates with project managers and field personnel, provides engineering analysis of field and laboratory data, and oversees materials engineering consultation services.

Education & Registrations

- PhD, Civil Engineering (Geotechnical), University of Pittsburgh, Pittsburgh, Pennsylvania
- MS, Civil Engineering (Geotechnical), University of Pittsburgh, Pittsburgh, Pennsylvania
- Geotechnical Engineer (GE) - Active, California, G.E. #2886
- Civil Engineer (PE) - Active, California, R.C.E. #71115
- Civil Engineer (PE) - Inactive, Pennsylvania, R.C.E. #057575

Technical Publications

- Proceedings for the International Bridge Conference 2004, Pittsburgh Pennsylvania, "Innovative Design for the Scotia Road Bridge Foundation" by Catherine Chia-Calabria and Carl Henderson
- Proceeding of the FMGM (Field Measurement in GeoMechanics) 2003 Symposium, Oslo Norway Sept 15 to 18th, 2003"Geotechnical Investigation of the New Baltimore Slide" by Ken Heirendt, A. Neil Styler, and Carl Henderson
- Geo-Engineering For Underground Facilities, Geotechnical Special Publication No. 90, Published by the American Society of Civil Engineers, 1999 "An Arch-Shaped Culvert Built by the Inflatable Form", pgs. 243 to 254, by Karl H. Lewis, Carl Henderson, and Cathy Bazan-Arias

Relevant Experience

- *Proposed Tracy Renewable Energy Ethanol and Desalination Plant, Pacific Ethanol* – Geotechnical Engineering Project Manager: Geotechnical investigation for a proposed ethanol and desalination plant which will include the following areas: boiler, cooling tower, Distillation, Dehydration & Evaporation (DDE), ethanol tank, process tank, steam turbine engine, storage racks, and water treatment plant. Tracy, San Joaquin County, California.

- *Wastewater Treatment and CO2-Dry Ice Facility Projects, Pacific Ethanol* - Geotechnical Engineering Project Manager: Geotechnical investigation and construction consultation for a proposed wastewater treatment facility and a CO2-Dry Ice facility. The total development area is about 5 acres. Proposed tanks are anticipated to consist of steel construction while the remaining structures will consist of either streel framed or masonry construction. Port of Stockton, San Joaquin County, California.

- *Manteca-Vierra 115KV Transmission Line, PG&E* – Geotechnical Engineering Project Manager: Geotechnical investigation for removal of an existing 70-foot high, "Class 14" TSP for replace with a new 80-foot high, "Class 16" TSP. Manteca, San Joaquin County, California

- *Community Fuels Terminal Project, Community Fuels* – Geotechnical Engineering Project Manager: Geotechnical investigation and construction consultation for two 250,000± gallon tanks, pipe racks, new rail tracks, and other miscellaneous structures. Port of Stockton, San Joaquin County, California

- *Fiber Optic Crossing under the San Joaquin River, Rough and Ready Island to Boggs Tract, Port of Stockton* – Geotechnical Engineering Project Manager: Geotechnical investigation and construction consultation for trenchless crossing of the San Joaquin River. The trenchless crossing included installation of a bundle of four 4-inch-diameter fiber optic cable conduits beneath the 4-inch-diameter fiber optic cable conduits beneath the river. The crossing was accomplished using horizontal directional drilling (HDD) methods (16-inch-diameter HDD borehole). Port of Stockton, San Joaquin County, California

- *Proposed Desalination Plant, Combined Solar Technologies* – Geotechnical Engineering Project Manager: Geotechnical investigation for proposed desalination plant which included turbines, steam boilers, cooling towers, and other miscellaneous structures. Tracy, San Joaquin County, California

- *NCPA Lodi Energy Center, Northern California Power Agency (NCPA)* – Geotechnical Engineering Project Manager: Geotechnical/engineering geology investigation and construction consultation for a 300MW combined cycle natural gas power plant located on a 4.4 acre site near Lodi, California. Lodi, San Joaquin County, California

- *DTE Biomass Boiler Facility, DTE Energy* – Geotechnical Engineering Project Manager: Geotechnical investigation and construction consultation for modification to the existing boiler structure and a new stack structure. Port of Stockton, San Joaquin County, California

- *PG&E Valley Spring Substation, PG&E* – Geotechnical Engineering Project Manager: Geotechnical investigation for additions and upgrades to existing substation. Toyon, Calaveras County, California

- *PG&E Sonora Services Center Improvements, PG&E* – Geotechnical Engineering Project Manager: Geotechnical investigation and construction consultation for drainage, grading and pavement improvements to the facility. Sonora, Tuolumne County, California

- *Port of Stockton NuStar Energy Rail Platform, NuStar Energy* – Geotechnical Engineering Project Manager: Geotechnical investigation for new railcar access platforms, a pump site, above and below grade pipeline with the below grade installed using horizontal directional drilling (HDD). Port of Stockton, San Joaquin County, California

- *GWF Tracy Combined Cycle Conversion, GWF Energy* – Geotechnical Engineering Project Manager: Geotechnical assessment for the upgrade of the existing GWF Tracy Peaker Plant Facility. Improvements include construction of a steam turbine generator (STG), heat recovery steam generators (HRSG), water storage tanks, pipe racks, and utility poles. Tracy, San Joaquin County, California

- *Thermal Energy Shop Building, Thermal Energy Development Partnership* – Geotechnical Engineering Project Manager: Geotechnical investigation for a small shop building. Tracy, San Joaquin County, California

- *24-inch Gas Transmission Line L-108, PG&E* – Geotechnical Engineering Project Manager: Geotechnical investigation for 24-inch gas transmission line crossing beneath an irrigation ditch. The crossing was accomplished via horizontal directional drilling (HDD). Manteca, San Joaquin County, California

- *Stockton Generation Project, Roberts Island, Stockton Generation, LLC* - Principal Geotechnical Engineer: Geotechnical/engineering geology investigation for proposed power plant which would include combustion turbine generators (CTG), steam turbine generators (STG), heat recovery steam generator (HRSG), stack generator step up transformers, an air cooled heat exchanger, water and fuel storage tanks, an electric substation and switchyard, water retention ponds, and other smaller components. Roberts Island, San Joaquin County, California

- *Westside of I-5, Towers Reinforcement, PG&E* – Senior Geotechnical Engineer: Geotechnical investigation and consultation for evaluation of settlement at twenty-one (21) lattice tower structure locations. Fresno County

Attachment 12 – Gen-7 Discrepancy

<Attachment 12 has been deliberately left blank in this reporting period>

Attachment 13 – GEN-8 Final Inspections

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME:

INSPECTION NUMBER (File Name):

CONTRACTOR:

CONTACT PERSON:

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):

TYPE OF INSPECTION: ☐New ☐Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

REQUESTOR SIGNATURE: _____ DATE: _____

INSPECTION RESULT

INSPECTION MADE:

DATE / TIME: _____ INSPECTOR: _____

☐APPROVED
☐ DISAPPROVED
☐ REINSPECTION REQUIRED
☐AT RISK
☐PHASE PASS

SIGNATURE: **DATE:**

COMMENTS:

Attachment 14 – SOIL&WATER-4 Water Use

MONTHLY WATER USAGE LOG March 2020

Meter 6917650, 10711 Dale Street, Stanton CA

Date	Reading	Usage CF
3/2/2020	129850	350
3/3/2020	130770	920
3/4/2020	131080	310
3/5/2020	131250	170
3/6/2020	131500	250
3/9/2020	131730	230
3/10/2020	131790	60
3/11/2020	131850	60
3/12/2020	131870	20
3/13/2020	131930	60
3/16/2020	131990	60
3/17/2020	132080	90
3/18/2020	132080	0
3/19/2020	132360	280
3/20/2020	132760	400
3/23/2020	132800	40
3/24/2020	133440	640
3/25/2020	133440	0
3/26/2020	133570	130
3/27/2020	133700	130
3/30/2020	134050	350
3/31/2020	134470	420
Total		4970

Attachment 15 – SOIL&WATER-8 Encroachment Permit

< Attachment 15 has been deliberately left blank in this reporting period >

Attachment 16 – STRUC-1 CBO Approvals

MEMORANDUM – DCBO APPROVAL

DATE: March 5, 2020

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

FROM: Alan Ho, S.E., Senior Structural Engineer
NV5, Inc.
Alan.Ho@nv5.com
916.346.8866

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-48.0_EXP_BESS FDN PLANS & CALCS_200304_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 for foundation only.
Date: 2020.03.05 22:12:16 -08'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 11, 2020

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

FROM: Eric Rodriguez, S.E., Lead Engineer
NV5, Inc.
Eric.rodriguez@nv5.com
714.612.8977

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 Eric Rodriguez, SE
DN: cn=Eric Rodriguez, SE, o=NV5, Inc., ou=Energy, email=eric.rodriguez@nv5.com, c=US
Reason: Reviewed for Code Compliance (by Alan Ho, SE).
Date: 2020.03.11 19:32:57 -07'00'

CC: Kevin Wedman, CBO
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-9.0_X1_DEMIN, RO SKID, WTR TRMNT FDN_200227_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.

MEMORANDUM – DCBO APPROVAL

DATE: March 10, 2020

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

FROM: Alan Ho, S.E., Senior Structural Engineer
NV5, Inc.
Alan.Ho@nv5.com
916.346.8866

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-10.0 X3 SWYD FDN Plans and Calcs_200227_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: 2020.03.10 22:36:49 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 11, 2020

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

FROM: Alan Ho, S.E., Senior Structural Engineer
NV5, Inc.
Alan.Ho@nv5.com
916.346.8866

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-14.0_X2_EXP_PDM & CM FDN PLAN_200227_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: 2020.03.11 22:48:33 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 15, 2020

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

FROM: Alan Ho, S.E., Senior Structural Engineer
NV5, Inc.
Alan.Ho@nv5.com
916.346.8866

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-3.0_X2_FDN PLANS & CALCS_200303_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: 2020.03.15 18:47:13 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 10, 2020

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

FROM: Alan Ho, S.E., Senior Structural Engineer
NV5, Inc.
Alan.Ho@nv5.com
916.346.8866

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-11.0_X2_Equip and Sys Fdn Plans & Calcs_200227_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 ---

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Digitally signed by Alan Ho
Reason: Reviewed for Code Compliance.
Date: 2020.03.10 21:54:43 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 5, 2020

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

FROM: Alan Ho, S.E., Senior Structural Engineer
NV5, Inc.
Alan.Ho@nv5.com
916.346.8866

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-48.0_EXP_BESS FDN PLANS & CALCS_200304_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 ---

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Digitally signed by Alan Ho
Reason: Reviewed for Code Compliance for foundation only.
Date: 2020.03.05 22:12:16 -08'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 13, 2020

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

FROM: Alan Ho, S.E., Senior Structural Engineer
NV5, Inc.
Alan.Ho@nv5.com
916.346.8866

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-8.0_X2_GSU XFMR FDN PLAN & CALCS_200227_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: 2020.03.13 07:40:55 -07'00'

Attachment 17 – TRANS-1 Permits

Attachment 17 has been deliberately left blank in this reporting period

Attachment 18 – Safety Inspection Report

SERC – PSC MONTHLY SAFETY INSPECTION COMPLIANCE REPORT

MARCH 2020

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 March 2020.

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 Sub-Contractors and Inspection Personnel for Wellhead through the SERC WEAP Orientation and SERC Site specific Safety training. Parking for all craft workers will continue for established parking at the Bethel Church off of Dale Street and Admin for the Pacific St. wherever they can find parking off site due to Battery Warehouse excavation activities. Parking there has been good and the effort has been closely monitored and coordinated. We continue to talked about slowing down in parking lots to eliminate the possibilty of injury or property damage. SERC-PSC has established LOTO and Green tag commissioning procedures and all Personnel have been informed through the All Hands Safety Meetings that we need to respect and adhere to these items moving forward for the remainder of the Project, all things electrical and/or mechanical must be treated as LIVE.

The following have been discussed and shared through the month of March. We started with Project Electrical Safety, Then on 3/13/2020, we spoke of the Coronavirus Epidemic and starting on 3/30/2020, kicked off PSC-ARB campaign of “Keep Your Spit To Yourself”. Most, if not all ARB Personel are wearing some form of face covering to avoid respiratory droplets from accidently spraying others & keeping social distancing and have used these as the topics in our all hands safety meetings for the month of March 2020. 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. We are moving into our Quarterly Inspection and Color Coding for the Second Quarter of the year 2020 which will be “GREEN”. All Personnel are coordinating 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. All Personnel have been informed to watch out for migrating of bird’s and report if they are trying to build nest within the Units, so that we can inform the Biologist in hopes of removing early nesting.

We have had no First Aids, no Near Misses, no Recordables or Loss Time Injuries to report for this month. Nothing further to report.

Tim Draper,
ARB, Inc. Safety Manager,
SERC Project Safety
tdraper@prim.com
(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

B200720448

Valid Through 04/09/2020

Renewal Re-mark Duplicate No Response Damage/Exposed Amendment Cancel

Excavator Information

Caller	Caller Type	Office Phone	Language
JESS A BURCH	CONTRACTOR	714-518-2409	ENGLISH

Cell	Office Email
	JESS@PREMIEREENG.COM

Would You Like To Receive Text Message Confirmations? Yes No

Would You Like To Receive Email Confirmations? Yes No

Company Name	Address	City	State	Zip
PREMIERE ENGINEERING	3160 E LA PALMA AVE #A	ANAHEIM	CA	92806

Site Contact Information

Site Contact	Site Contact's Phone
TIM PONTREMOLI	714-390-4310

Site Contact's Cell	Site Contact's Email
	JESS@PREMIEREENG.COM

Would You Like To Receive Text Message Confirmations? Yes No

Would You Like To Receive Email Confirmations? Yes No

Location Information

County	City	Address/Street
ORANGE	STANTON	8230 PACIFIC ST

Cross Street 1	Cross Street 2
BEACH BLVD	

Location/Addtional Information

Additional Information

Will Any Work Enter The Street, Parkway Or Sidewalk?	Yes / No	Will Any Boring Or Drilling Tools Be Used?	Yes / No
Will You Be Using Any Explosives?	Yes / No	Will Anything Other Than Hand Tools Be Used To Expose The Member Utilities Line?	Yes / No
Is The Ticket An Emergency Ticket?	Yes / No	How Has The Proposed Dig Area Been Pre-Marked In White?	None / Chalk / Flags / Flour / Other / Stakes / Whiskers / **White Paint**

Work Start Date And Time	Type Of Work Being Done	Work For
03/16/2020 05:01 PM	DEMO & EARTH WORK	TTS CONSTRUCTION CORP
Permit	**Work Order Or Job Number**	
NOT REQUIRED	1348	
Comments		

From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket B200650491-00B
Date: Thursday, March 5, 2020 1:40:06 PM

EXTERNAL EMAIL

EMLCFM 01668B USAS 03/05/20 13:39:54 B200650491-00B NEW 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.

For more information regarding DigAlert's web portals, mobile apps and text messaging, please visit www.digalert.org or text Services to DIGALT (344258).

This email comes from an automated program that is NOT MONITORED.
DO NOT REPLY TO THIS EMAIL.

This is not a certified copy of the ticket.

Ticket: B200650491 Rev: 00B Created: 03/05/20 13:39 User: DIRECT Chan: WEB

Work Start: 03/09/20 17:01 Legal Start: 03/09/20 17:01 Expires: 04/02/20 23:59
Response required: Y 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=88Bp7pCn5r9i6iG-X

Members:

ATTDSOUTH	AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01	C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
MWD05	METROPOLITAN WATER	OPERATIONS CONTROL CENTE	626-844-5610

SCG28T	SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN	SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M	GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P	SO CAL WATER(GOLDEN ST WTR)	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
USCETT84SE	UTIL 4 SCE TRNS TELEC-FIB	TCC	800-655-8844

From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket B200650493-00B
Date: Thursday, March 5, 2020 1:40:33 PM

EXTERNAL EMAIL

EMLCFM 01670B USAS 03/05/20 13:40:13 B200650493-00B NEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California.
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For more information regarding DigAlert's web portals, mobile apps and text messaging, please visit www.digalert.org or text Services to DIGALT (344258).

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DO NOT REPLY TO THIS EMAIL.

This is not a certified copy of the ticket.

Ticket: B200650493 Rev: 00B Created: 03/05/20 13:39 User: DIRECT Chan: WEB

Work Start: 03/09/20 17:01 Legal Start: 03/09/20 17:01 Expires: 04/02/20 23:59
Response required: Y 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=08t6r4x1s3xwtv2-1

Members:

ATTDSOUTH	AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01	C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
MWD05	METROPOLITAN WATER	OPERATIONS CONTROL CENTE	626-844-5610
SCG28T	SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN	SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M	GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P	SO CAL WATER(GOLDEN ST WTR)	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
USCETT84SE UTIL 4 SCE TRNS TELEC-FIB	TCC	800-655-8844

From: Rudge Wynn
To: Tim Bofman
Cc: Nathen Howard; Jason Meyer; Stephen Wait
Subject: FW: DigAlert Confirmation for Ticket A200720651-00A
Date: Thursday, March 12, 2020 3:52:01 PM

Rudge Wynn
TTS Construction Corporation
1220 E. Pine St.
Lodi, CA. 95240
Office: (209) 333-7788
Mobile: (916) 240-8432

From: noreply@digalert.org <noreply@digalert.org>
Sent: Thursday, March 12, 2020 3:48 PM
To: Rudge Wynn <rwynn@ttsconstruction.com>
Subject: DigAlert Confirmation for Ticket A200720651-00A

```
EMLCFM 01920A USAS 03/12/20 15:47:55 A200720651-00A NEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California.
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For your safety please excavate carefully around the marked utility lines.

For more information regarding DigAlert's web portals, mobile apps and text
messaging, please visit www.digalert.org or text Services to DIGALT (344258).

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DO NOT REPLY TO THIS EMAIL.

This is not a certified copy of the ticket.

Ticket: A200720651 Rev: 00A Created: 03/12/20 15:47 User: MAR Chan: 100

Work Start: 03/17/20 07:00 Legal Start: 03/17/20 07:00 Expires: 04/09/20
23:59
Response required: Y Priority: 2

Excavator Information
Company: TTS CONST
Co Addr: 1220 E PINE ST
City   : LODI                          State: CA Zip: 95240
Created By: RUDGE WYNN                    Language: ENGLISH
Office Phone: 916-240-8432        SMS/Cell: 916-240-8432
Office Email: RWYNN@TTSCONSTRUCTION.COM

Site Contact: RUDGE WYNN
Site Phone: 916-240-8432          Site SMS/Cell:
Site Email:

Excavation Area
State: CA County: ORANGE          Place: STANTON
Zip: 90680
Location: Address/Street: 8230 PACIFIC ST
        : X/ST1: FERN AVE

Delineated Method: NONE
Work Type: INSTALL FENCE POST
Work For : STANTON ENERGY RELIABILITY CENTER
Permit: NOT REQUIRED                  Job/Work order: 20-188
```

1 Year: N Boring: N Street/Sidewalk: N Vacuum: N Explosives: N

Lat/Long
Center Generated (NAD83): 33.807339/-117.989564 33.807369/-117.986265
: 33.806199/-117.989554 33.806230/-117.986254
Excavator Provided:

Map link:
https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=019r6qCk9p7k5jE-Z

Members:

ATTDSOUTH	AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
MWD05	METROPOLITAN WATER	OPERATIONS CONTROL CENTE	626-844-5610
SCG28T	SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN	SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M	GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P	SO CAL WATER(GOLDEN ST WTR)	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
USCETT84SE	UTIL 4 SCE TRNS TELEC-FIB	TCC	800-655-8844

From:	Rudge Wynn
To:	Tim Bofman; Carmen Gratais
Cc:	Nathen Howard; Stephen Wait; Jason Meyer
Subject:	FW: DigAlert Confirmation for Ticket A200860390-00A
Date:	Thursday, March 26, 2020 12:37:58 PM

Tim,

Please see Boer Backhoe's Dig Alert Ticket in the email thread below

Rudge Wynn
TTS Construction Corporation
1220 E. Pine St.
Lodi, CA. 95240
Office: (209) 333-7788
Mobile: (916) 240-8432

From: Sherry Boer <sherry@boerbackhoe.com>
Sent: Thursday, March 26, 2020 12:33 PM
To: Rudge Wynn <rwynn@ttsconstruction.com>
Subject: Fwd: DigAlert Confirmation for Ticket A200860390-00A

Sherry Boer
Boer Backhoe, Inc.
562-420-9844 (phone)
562-425-6221 (fax)

---------- Forwarded message ---------
From: <noreply@digalert.org>
Date: Thu, Mar 26, 2020 at 11:53 AM
Subject: DigAlert Confirmation for Ticket A200860390-00A
To: <SHERRY@boerbackhoe.com>

```
EMLCFM 01530A USAS 03/26/20 11:53:25 A200860390-00A NEW NORM POLY LREQ

Thank you for contacting Underground Service Alert of Southern California.
This is an automatically generated confirmation of your DigAlert.

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For more information regarding DigAlert's web portals, mobile apps and text
messaging, please visit www.digalert.org or text Services to DIGALT (344258).

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DO NOT REPLY TO THIS EMAIL.

This is not a certified copy of the ticket.
```

Ticket: A200860390 Rev: 00A Created: 03/26/20 11:53 User: LOR Chan: 100

Work Start: 04/01/20 07:00 Legal Start: 04/01/20 07:00 Expires: 04/23/20 23:59
Response required: Y Priority: 2

Excavator Information
Company: BOER BACKHOE, INC
Co Addr: 7128 E PARKCREST ST
City : LONG BEACH State: CA Zip: 90808
Created By: SHERRY BOER Language: ENGLISH
Office Phone: 562-355-8675 SMS/Cell: 562-355-8675
Office Email: SHERRY@BOERBACKHOE.COM

Site Contact: MIKE BOER
Site Phone: 562-355-8674 Site SMS/Cell:
Site Email:

Excavation Area
State: CA County: ORANGE Place: STANTON
Zip: 90680
Location: Address/Street: 8230 PACIFIC ST
: X/ST1: FERN AVE
:
: [ALT CONTACT: RUDGE WYNN'S CELL #(916) 240-8432]

Delineated Method: WHITEPAINT
Work Type: FOOTINGS FOR BATTERY BACK-UP SYSTEM
Work For : TTS CONSTRUCTION CORP
Permit: NOT REQUIRED Job/Work order: SERCBESSCN301
1 Year: N Boring: N Street/Sidewalk: N Vacuum: N Explosives: N

Lat/Long
Center Generated (NAD83): 33.807339/-117.989564 33.807369/-117.986265
: 33.806199/-117.989554 33.806230/-117.986254
Excavator Provided:

Map link:
https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=2AlFiEpBiDn1o2v-s

Members:

ATTDSOUTH	AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
MWD05	METROPOLITAN WATER	OPERATIONS CONTROL CENTE	626-844-5610
SCG28T	SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN	SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M	GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P	SO CAL WATER(GOLDEN ST WTR)	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
USCETT84SE	UTIL 4 SCE TRNS TELEC-FIB	TCC	800-655-8844

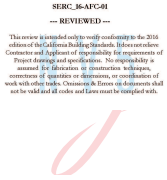
Attachment 21 - COM-11 Reporting of Complaints, Notices, and Citations

SERC
COMPLAINT REPORT AND RESOLUTION LOG

Incident #	Incidents Occurred this Period	Resolution Actions Taken	Status of Unresolved Actions form Previous MCR's
01	Complaint about Track-out on Dale Ave.	All construction equipment vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering Dale Ave. 1. Additional gravel was added to the existing ramps at the tire washing/cleaning station 2. Additional laborers were assigned to the Dale Ave entrance when there is a risk of any track-out to scrape and sweep immediately. A Sweeping machine is being kept on location and be used as necessary to clean up all track-out. 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.	N/A
02	Noise Complaint	SERC received a noise complaint at 9:33am on Friday, April 5, 2019. The complaint came from a Mr. Hill who lives at the Katella Mobile Home Estates located at 10800 Dale Ave, Stanton, CA. Mr. Hill complained about the use of a chainsaw at 3:10 am on Saturday morning (3/30/19) and hearing an air compressor and the hammering of nails at 3:25 am on Monday morning (4/1/19). Representatives from SERC spoke with Mr. Hill at 2:19pm on Friday April 5th to better understand his complaint. SERC investigated the incident with ARB and confirmed that there was no activity on the SERC site during these hours. The Noise Complaint Resolution Form (COC NOISE 2) was submitted to the CPM documenting the complaint.	

Attachment 22 – MECH-1 CBO Inspection Approvals

MEMORANDUM – REFERENCE ONLY



Digitally signed by Jason P. Miller
Reason: For Reference Only
Date: 2020.03.20 07:43:20 -07'00'

DATE: March 20, 2020

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

FROM: Jason Miller, P.E., Senior Mechanical Engineer
NV5, Inc.
jason.miller@nv5.com
909.802.4411

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_MECH-1-1.0_X3_PARCEL 1 & 2 GA, UG PIPING PLAN & ISO_200304_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 For Reference Only.

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

MEMORANDUM – DCBO APPROVAL

Digitally signed by Jason P. Miller
Reason: Reviewed For Code Compliance
Date: 2020.03.30 07:56:06 -07'00'

DATE: March 30, 2020

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

FROM: Jason Miller, P.E., Senior Mechanical Engineer
NV5, Inc.
jason.miller@nv5.com
909.802.4411

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_MECH-1-3.0_X1_MECH SYS P&ID'S_200326_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.

End Report