DOCKETED	
Docket Number:	16-AFC-01C
Project Title:	Stanton Energy Reliability Center - Compliance
TN #:	232967
Document Title:	Stanton Energy Reliability Center - Monthly Compliance Report
Description:	Monthly Compliance Report
Filer:	John Heiser
Organization:	California Energy Commission
Submitter Role:	Commission Staff
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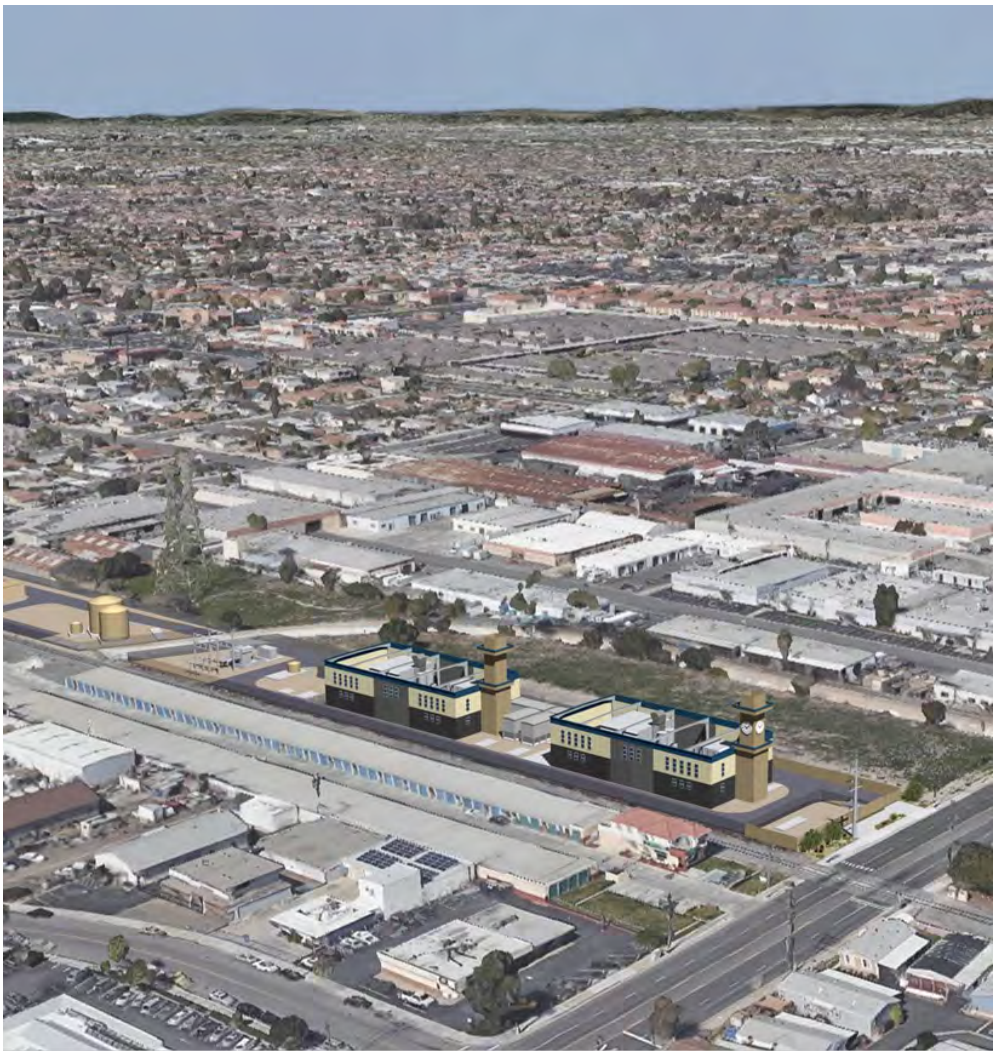
Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01
Monthly Compliance Report No. 15
Reporting Period: April 2020



Prepared by Stanton Energy Reliability Center, LLC (SERC)
Submitted May 12, 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: April 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. On April 22, 2020, the CEC staff docketed their approval, subject to a 14-day public comment period.

BESS construction has been awarded to TTS Construction ("TTSC") on February 27, 2020 via a Limited Notice to Proceed (LNTP) and received the Full Notice to Proceed (FNTP) on April 6, 2020.

First Fire and synchronization was achieved on both units during the month of April.

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 including electrical, cathodic protection wells and commissioning.

Battery Energy Storage System (BESS) construction commenced on March 16, 2020. April was the first month of construction activity on the project site. Most of the work was mass excavation to over ex limits, duct bank installation and backfill and compaction with Tensar geotextile fabric and crushed aggregate base.

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 April 2020.

Activity	Percent Complete
Engineering	
Power Island	99%
CBO Support	94%
BESS Design	83%

Procurement	
Owner Supplied Equipment	100%
Contractor Supplied Equipment	100%
Construction	
Power Island	100%
BESS	24%

1.1 Engineering

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

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

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Power Engineers provided startup and commissioning support that entailed supervisory control system (SCS) activities that included a control system specialist at site to check out the system and provide narrative documents.

POWER continues to provide responses or modify its documents as needed or requested in support of the following:

- Newly arriving CTG or BOP equipment vendor information
- CBO comments to POWER design documents
- SERC markups and requested changes
- Contractor requested changes approved by SERC
- Unforeseen changes due to site conditions, permitting needs, changes by others, etc.
- SCS programming updates with newly arriving information from vendors
-

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

- 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 ARB Contractor Supplied Equipment (CSE) is currently 100% complete.

1.3 Construction

ARB

During the month of April the site grading, including the placement of the geotextile and CL2 base roadways was completed. Continued work on fencing and gates. Installed CO and NOx Catalyst on both Units. And provide commissioning support.

Golden State Water Co. completed the water tie-ins from Dale Avenue and Pacific Street.

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

Safety:

The month of April 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. There was one safety incident where an ARB vehicle struck another contractor employee, knocking him to the ground. There was no first aid required and the employee declined going to the clinic for a medical evaluation. Both Incident Reports from ARB and TTSC were transmitted to the CEC Compliance Project Manager.

During this reporting period the contractor worked 10,140 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 (7) first aids. The combined project worked hours without a lost time or recordable incident is 201,431.

Civil:

- Completed Storm drain installation
- Completed final grading around site and site work at the Dale Avenue gate
- Removed SWPPP BMPs as areas were completed

Piping:

- Completed Fuel Gas line
- Completed Fire Water line up to Tie-in on Dale Avenue, flushed, pressurized and placed the fire header in service.

Structural:

- Completed Solid Waste Enclosure
- Working on Architectural fencing on West end of site

Electrical:

- Completed site lighting
- Completed site and fence grounding (Waiting on gates to be installed to install grounds)

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 April were:

- Mass excavation and over excavation was performed
- Excavated materials were off hauled
- Backfill and compaction
- Duct banks were excavated and installed below the transformer foundation
- Tensar and crushed aggregate base were compacted in levels per the drawings
- Invert of the transformer foundation was completed for forming and rebar to begin

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

- COVID 19 training
- 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

Safety:

During this reporting period the contractor worked 4,253 man-hours without a lost time or recordable incident. To date, the contractor has worked 4,377 man-hours without a lost time, or recordable Incident, and no first aids. The combined project worked hours without a lost time or recordable incident is 194,724.

Civil:

- Mass excavation and over excavation was performed
- Excavated materials were off hauled
- Under the HPSU foundation some bottles and misc. items were found, and the area blocked off until approved for further excavation
- Duct banks were excavated and installed below the transformer foundation
- Tensar geotextile fabric and crushed aggregate base were compacted in levels per the drawings
- Invert of the transformer foundation was completed for forming and rebar to begin
- The HSPU foundation is lacking the last 6” of compacted base
- The 13.8 kV switchgear stub ups from other locations were locked into place and backfill was most of the way done
- Installation of the flowable fill on the south edge of the foundation was poured including installation of Tensar geotextile fabric
- Forming began on the transformer foundation
- Anchor bolts and embeds were delivered to the site

Piping:

- No site activities

Structural:

- Rebar for the transformer foundation has begun

Electrical:

- The 13.8 duct bank under the switchgear was installed with slurry
- The transformer duct banks were installed with slurry to the edge of the foundation
- Ground cabling was installed as required for the above aboveground sections of the work
- Ground rods were driven at the boundary of the work

1.4 Explanation of Significant Changes to the Schedule

Notification of Mechanical Completion of the gas turbine generators was transmitted to SERC on April 28, 2020.

The construction activities for the BESS have included in the project schedule as indicted in Attachment 1.

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 75 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 916. Documentation of worker training records for the reporting period is included in Appendix E of Attachment 4.

Additionally, as described in the Biological Resources Monthly Compliance Report and Cultural Resources Report. On April 2, the CRS issued a non-compliance when it was discovered a contractor working on the interconnection of the Golden State Water line had not completed the WEAP training within the first week of the employment and a stop work was issued until the crew could be trained.

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.

Additionally, as described in the Biological Resources Monthly Compliance Report. On April 21, 2020 the DB issued a non-compliance with BIO-8 when construction activities were observed in the warehouse building (on a portion of 10680 Fern Avenue, Stanton) proposed for warehousing/laydown in the Petition for Post-Certification Change submitted in February 28, 2020. Construction activities began before a nest survey "within the 3-day period preceding initiation of construction activity" was performed per BIO-8(2) and a known MBTA protected nest was not buffered in compliance with BIO-8(3) prior to the use of the area. In response a nest survey was conducted the following morning and no-disturbance buffers were established.

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 75 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 916 Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

Additionally, as described in the Cultural Resources Report and Biological Resources Monthly Compliance Report. On April 2, the CRS issued a non-compliance when it was discovered a contractor working on the interconnection of the Golden State Water line had not completed the WEAP training within the first week of the employment and a stop work was issued until the crew could be trained.

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

CUL-7: There were two cultural resource discovery made during the reporting period, one on April 14, consisting of four bottles dating to the mid-1900s and one on April 15, consisting of one jar as described in detail the Cultural Resources Specialist's monthly summary report, included as Attachment 6.

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

Additionally, during this reporting period, both Unit 1 and Unit 2 generators were successfully synchronized to the SCE power grid. There were no receipts of major electrical equipment,

testing or energizing of major electrical equipment construction of power plant switchyard, outlet line, and termination.

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 no 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 was one (1) completion of inspection received form 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 21.

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 75 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 916. 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 12,460 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 contracted with a licensed hazardous materials delivery and a licensed waste hauler companies for the transportation of hazardous materials and wastes during this reporting period as identified in Attachment 23.

TRANS-4: During the reporting period project owner's general contractors 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 nine (9) forty-yard bins of construction waste, one (1) ten-yard bin of construction waste, one (1) forty-yard waste metal bin and one (1) eco pans of solid waste left the site.

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

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

WORKER SAFETY-3: The CSS's Monthly Compliance Report(s) 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:

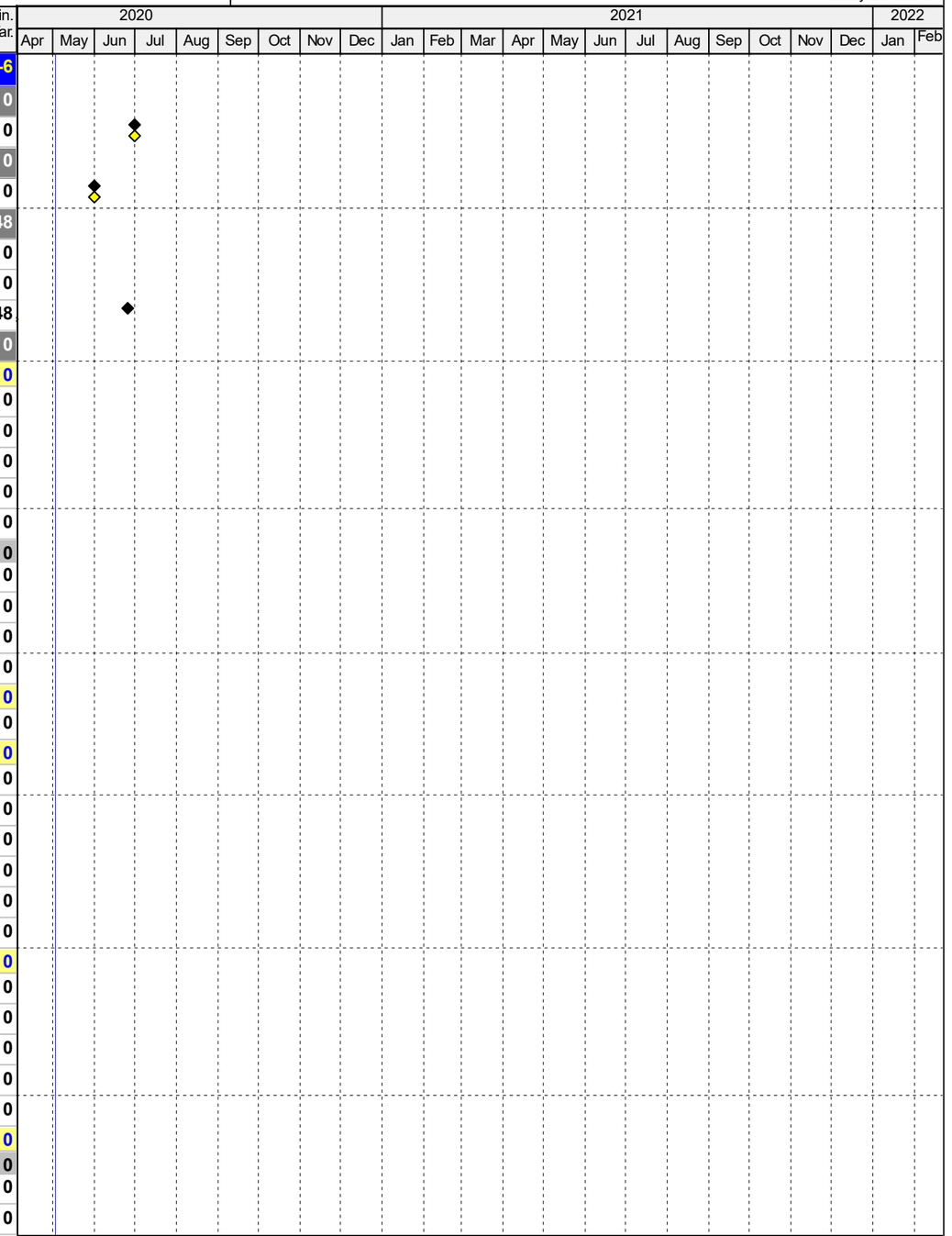
1. all finalized original and amended structural plans and "as-built" drawings for the entire project (later)
2. the most current versions of any plans, manuals, and training documentation required by the COC or applicable LORS

10. Incidents, Complaints, Notices of Violation, Official Warnings and Citations

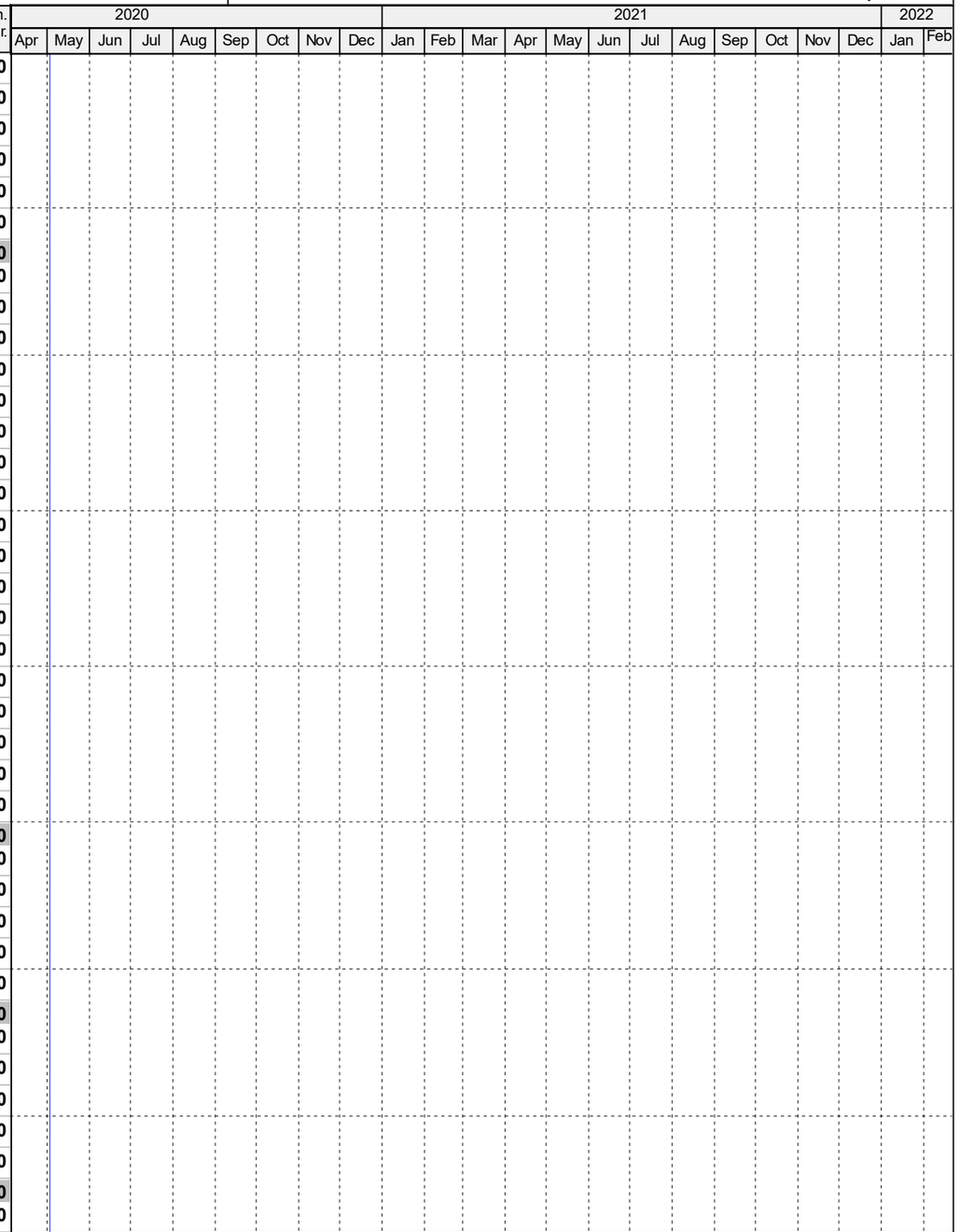
There were no incidents, notices of violation, official warnings or citations received during the month of November 2019.

Attachment 1 – COM-6 Project Schedule

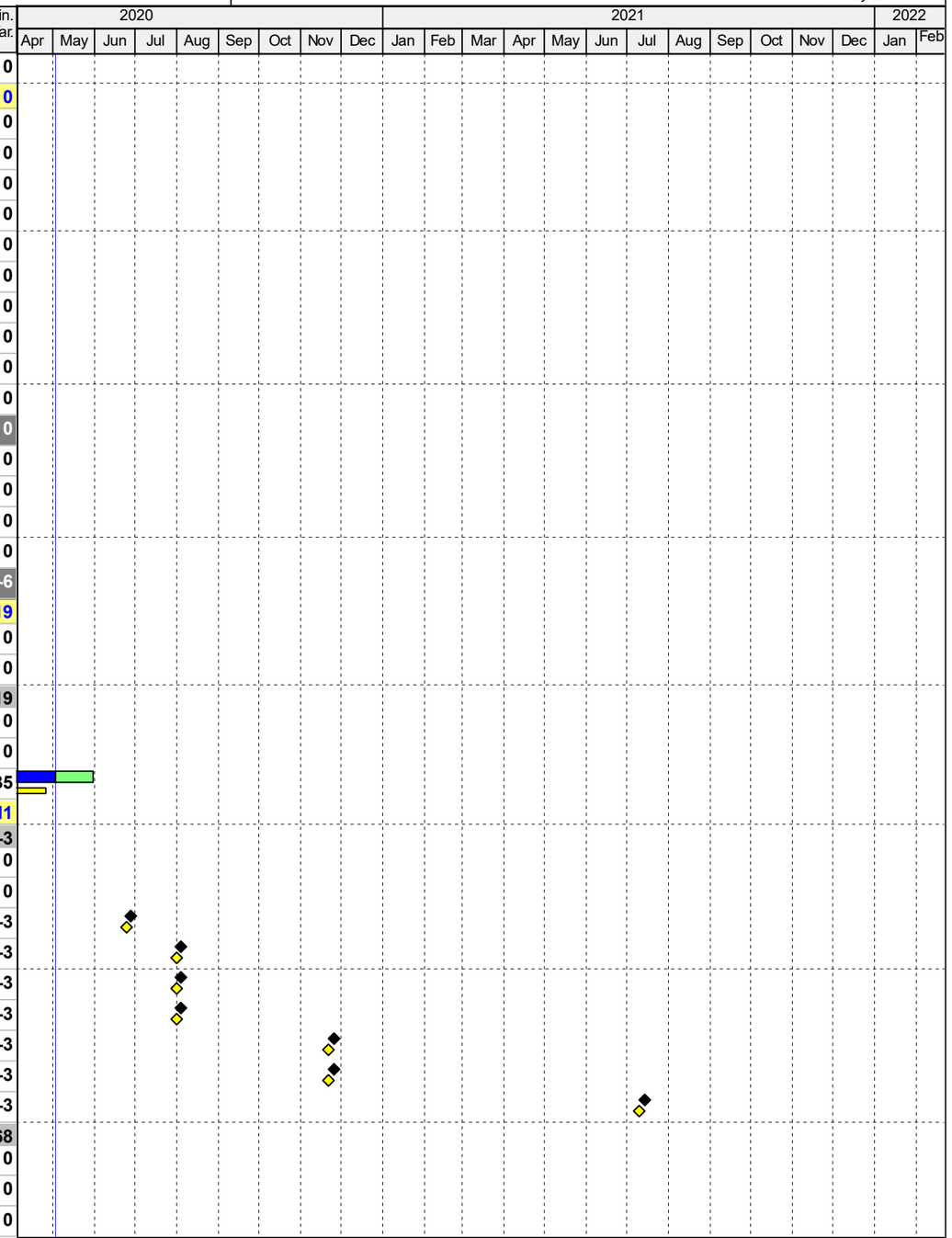
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
SERC Baseline Project Master Schedule (w/ARB Apr Sched) & CEC/SCE		**927**	**55.56%**	**28-Feb-16 A**	**02-Dec-21**	**0**	**-6**
LM6000 RAPA Key Milestone		**0**	**0%**	**01-Jul-20**	**01-Jul-20**	**287**	**0**
2	Expected Initial Delivery Date	0	0%		01-Jul-20*	287	0
Storage RAPA Key Milestone		**0**	**0%**	**01-Jun-20**	**01-Jun-20**	**304**	**0**
4	Expected Initial Delivery Date	0	0%		01-Jun-20*	304	0
GIA Key Milestones		**66**	**100%**	**28-Feb-20 A**	**25-Jun-20**	**290**	**-48**
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%		25-Jun-20*	166	-48
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



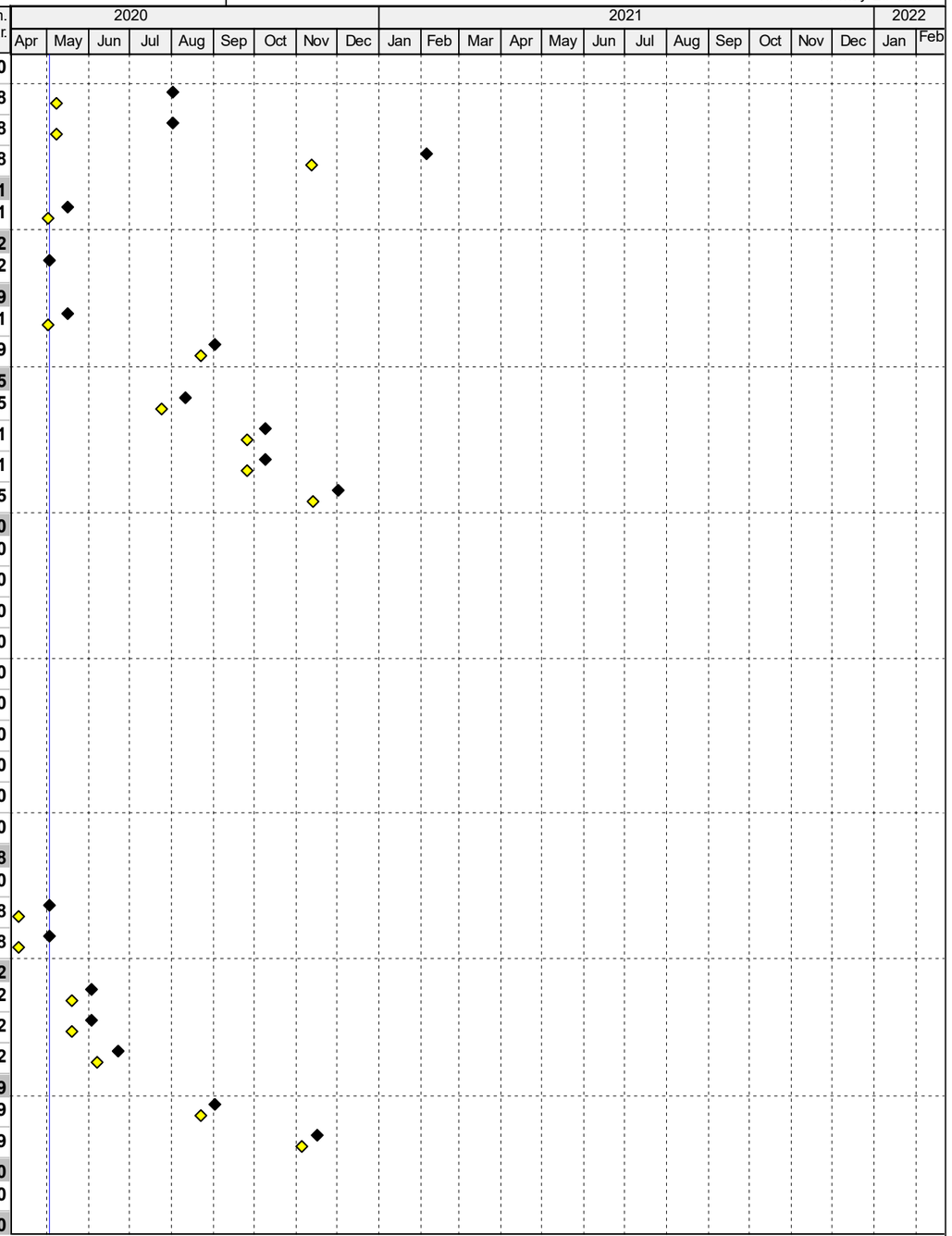
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
40	Order of Long Lead Time Items	0	100%	23-May-18 A			0
42	Manufacturer Time (FNTP-Delivery)	169	100%	23-Aug-18 A	21-May-19 A		0
41	FNTP	0	100%	23-Aug-18 A			0
43	Receipt of Notice of Ready to Ship (RTS)	0	100%		11-Apr-19 A		0
A1000	Transportation 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



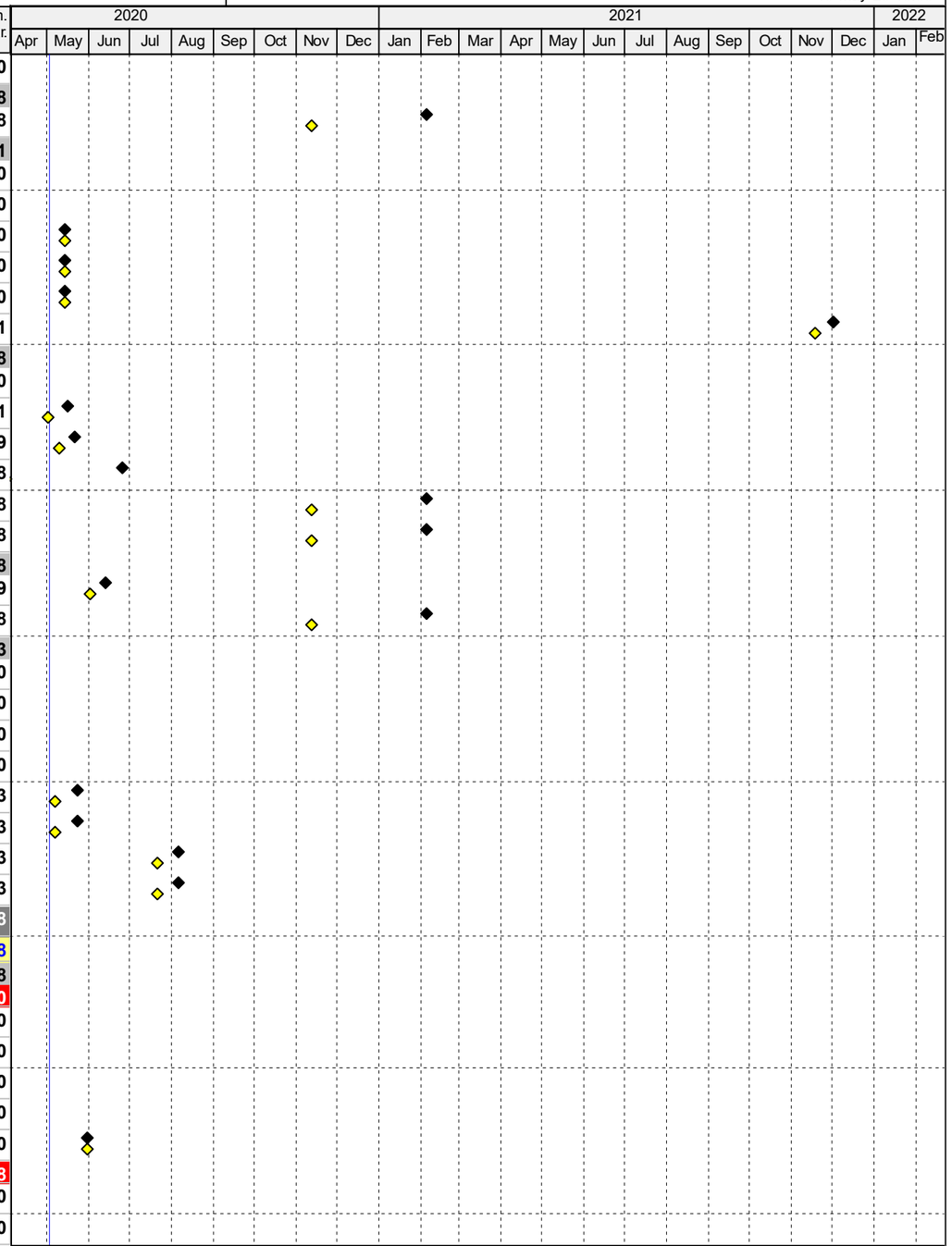
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
79	Available for delivery to the Project Site	0	100%	01-Apr-19 A			0
Construction Contracting		97	100%	03-Sep-18 A	24-Jan-19 A		0
81	Receive Initial Bids from Construction Contractors	0	100%	03-Sep-18 A			0
82	Review Initial Bids	30	100%	04-Sep-18 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		592	46.07%	19-Dec-18 A	02-Dec-21	0	-6
CBO Activity		217	92.99%	19-Dec-18 A	31-May-20	304	-19
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	92.99%	26-Dec-18 A	31-May-20	304	-19
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	31-May-20	550	-35
CEC Compliance R1		693	33.21%	20-Jul-19 A	02-Dec-21	0	-11
Air Quality		477	36.11%	31-Oct-19 A	14-Jul-21	113	-3
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%	28-Jun-20		418	-3
AQ-1170	AQ-K1 - Source Test Results	0	0%	04-Aug-20		388	-3
AQ-1100	AQ-D5 - CEMS for NOx	0	0%	04-Aug-20		388	-3
AQ-1080	AQ-D4 - CEMS for CO	0	0%	04-Aug-20		388	-3
AQ-1160	AQ-H1 - NOx CEMS Performance Evaluation	0	0%	25-Nov-20		298	-3
AQ-1000	AQ-D1a - Initial Source Test	0	0%	25-Nov-20		298	-3
AQ-1050	AQ-D3 - NH3 Source Test	0	0%	14-Jul-21		113	-3
Biological		444	56.19%	31-Jul-19 A	05-Feb-21	240	-68
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



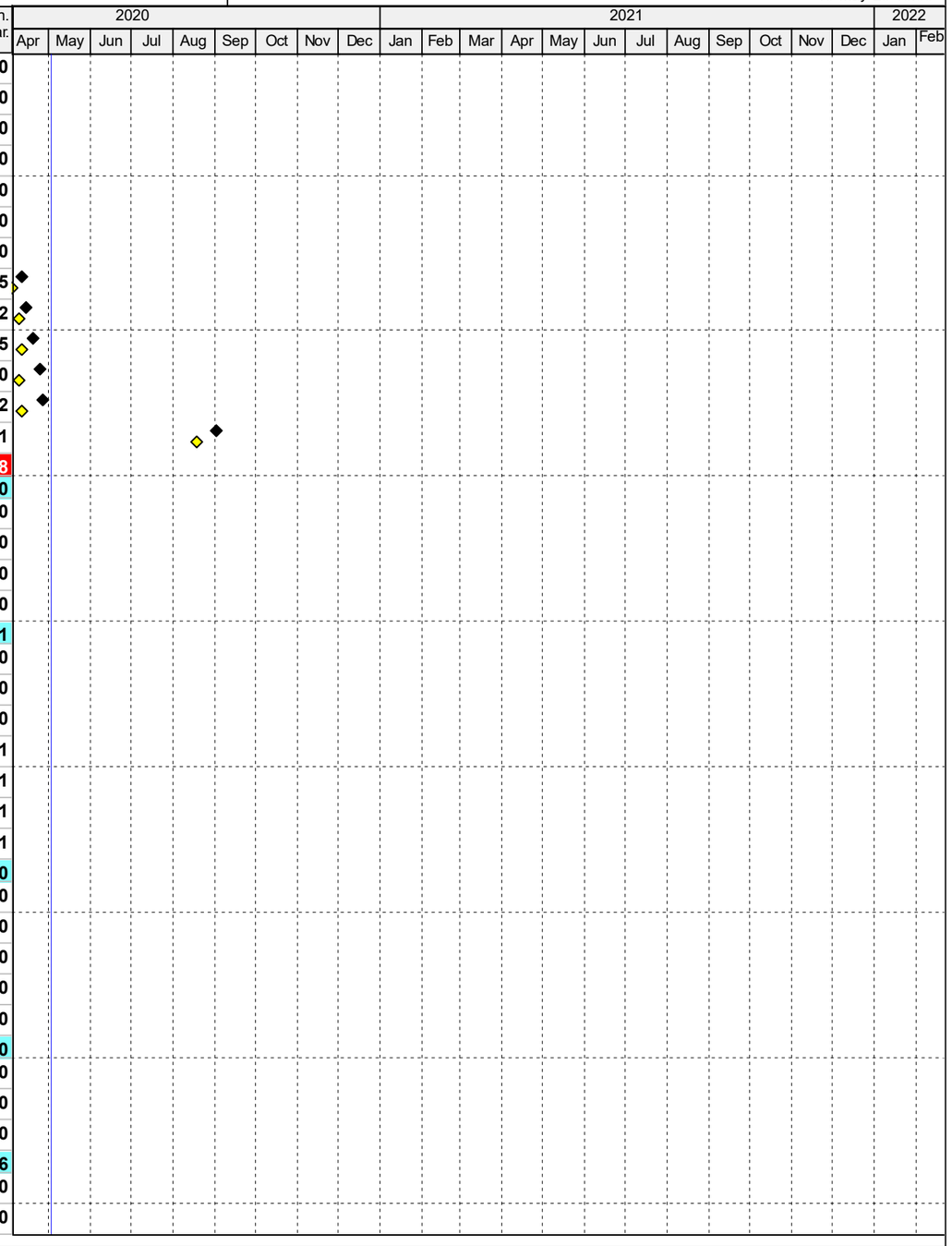
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
BIO-1060	BIO-8c - Implementation of Nest Surveys and Inclusion in BRM	0	100%	19-Sep-19 A			0
BIO-1020	BIO-7b - General Impact Avoidance and Mitigation Measures	0	0%	01-Aug-20		390	-68
BIO-1010	BIO-6e - BRMIMP Construction Closure Report	0	0%	01-Aug-20		390	-68
BIO-1000	BIO-5c - WEAP Training Acknowledgement Forms on File	0	0%	05-Feb-21		240	-68
Civil		0	0%	16-May-20	16-May-20	452	-11
CIV-1010	CIVIL-4a - Final Grading Plan Approval	0	0%	16-May-20		452	-11
Communication		0	0%	03-May-20	03-May-20	463	-72
COM-1020	COM-12b - Emergency Response Site Contingency Plan	0	0%	03-May-20		463	-72
Cultural		88	0%	16-May-20	02-Sep-20	365	-9
CUL-1000	CUL-1j - Discharge the CRS, after receiving approval from the C	0	0%	16-May-20		452	-11
CUL-1010	CUL-4b - Final Cultural Resources Report	0	0%	02-Sep-20		365	-9
General		90	0%	11-Aug-20	01-Dec-20	292	-15
GEN-1030	GEN-8b - Plan and Specification Storage	0	0%	11-Aug-20		382	-15
GEN-1010	GEN-1b - Certificate of Occupancy	0	0%	09-Oct-20		335	-11
GEN-1000	GEN-1a - Certificate of Occupancy	0	0%	09-Oct-20		335	-11
GEN-1040	GEN-8c - Plan and Specification Archive Copies	0	0%	01-Dec-20		292	-15
Hazardous		202	100%	20-Jul-19 A	09-Mar-20 A		0
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			0
Mechanical		202	100%	24-Aug-19 A	03-May-20	463	-18
MECH-1000	MECH-2a - Pressure Vessel Installation	0	100%	24-Aug-19 A			0
MECH-1020	MECH-3b - HVAC Plans	0	0%	03-May-20		463	-18
MECH-1010	MECH-3a - HVAC Plans	0	0%	03-May-20		463	-18
Noise		15	0%	03-Jun-20	22-Jun-20	422	-12
NOI-1030	NOISE-5 - Occupational Noise Survey	0	0%		03-Jun-20	437	-12
NOI-1010	NOISE-4a - Operational Noise Survey	0	0%	03-Jun-20		422	-12
NOI-1020	NOISE-4b - Noise Survey Summary Report	0	0%	22-Jun-20		422	-12
Paleo		60	0%	02-Sep-20	16-Nov-20	305	-9
PAL-1000	PAL-7 - Paleontological Resources Report	0	0%	02-Sep-20		305	-9
PAL-1010	PAL-8 - Curation Entity/Curation Fees	0	0%	16-Nov-20		305	-9
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%	05-Feb-21	05-Feb-21	240	-68
TNP-1000	TRANS-4b - Copies of Permits	0	0%	05-Feb-21		240	-68
Switchyard		491	7.5%	02-Mar-20 A	02-Dec-21	0	-11
TSE-1060	TSE-4b - Notice to CAISO	0	100%	02-Mar-20 A			0
TSE-1050	TSE-4a - Notice to CAISO	0	100%	06-Mar-20 A			0
TSE-1090	TSE-5d - As-Built Drawings	0	0%	14-May-20		454	0
TSE-1080	TSE-5c - As-Built Drawings	0	0%	14-May-20		454	0
TSE-1070	TSE-5b - As-Built Drawings	0	0%	14-May-20		454	0
TSE-1020	TSE-2b - Final Switchyard Design	0	0%	02-Dec-21		0	-11
Visual		250	15.34%	03-Feb-20 A	05-Feb-21	240	-68
VIS-1010	VIS-2a - Screening Landscaping Plan	0	100%	03-Feb-20 A			0
VIS-1020	VIS-2c - Landscape Installation Timing	0	0%	16-May-20		452	-11
VIS-1030	VIS-2d - Landscaping Ready for Inspection	0	0%	21-May-20		448	-9
VIS-1000	VIS-1c - Notification that Treatment Completed	0	0%	25-Jun-20		420	-68
VIS-1100	VIS-4h - Pre-COD Inspection	0	0%	05-Feb-21		240	-68
VIS-1080	VIS-4d - Lighting Inspection Ready, Notification	0	0%	05-Feb-21		240	-68
Waste		189	0%	13-Jun-20	05-Feb-21	240	-68
WASTE-1020	WASTE-1b - SMP Summary	0	0%	13-Jun-20		430	-9
WASTE-1050	WASTE-8a - Operation Waste Management Plan	0	0%	05-Feb-21		240	-68
Worker Safety		301	30.04%	28-Jul-19 A	06-Aug-20	386	-13
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			0
WRSF-1000	WORKER SAFETY-2a - Operations H&S Program	0	100%	09-Mar-20 A			0
WRSF-1060	WORKER SAFETY-8e.1 - Letter to OCFA	0	0%	23-May-20		446	-13
WRSF-1050	WORKER SAFETY-8e - Letter to OCFA	0	0%	23-May-20		446	-13
WRSF-1080	WORKER SAFETY-8f.1 - Final UL Certification of ESS	0	0%	06-Aug-20		386	-13
WRSF-1070	WORKER SAFETY-8f - Final UL Certification of ESS	0	0%	06-Aug-20		386	-13
LM6000 Construction Schedule		367	31.48%	28-Feb-16 A	01-Sep-20	251	-8
Stanton Energy Reliability Center - 03MAY20		367	31.48%	28-Feb-16 A	01-Sep-20	251	-8
Milestones		366	32.53%	09-Nov-18 A	01-Sep-20	-45	-8
Contract Milestones		314	100%	09-Nov-18 A	30-May-20	8	0
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		0
00-Milest-200	Final Project Completion Date = 30MAY20	0	0%		30-May-20*	10	0
Project Milestones		334	100%	14-Jan-19 A	01-Sep-20	-53	-8
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	100%		11-Apr-20 A		-5
00-Milest-810	U1 1st Fire Readiness	0	100%		14-Apr-20 A		-2
00-Milest-620	U1 Mechanical Completion Milestone	0	100%		20-Apr-20 A		-5
00-Milest-610	U2 Mechanical Completion Milestone	0	100%		25-Apr-20 A		-10
00-Milest-910	Projected Mechanical Completion Date	0	100%		27-Apr-20 A		-12
00-Milest-920	Projected Final Completion Date	0	0%		01-Sep-20*	-75	-11
Payment Milestones		343	31.35%	24-Dec-18 A	01-Sep-20	-53	-8
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		-1
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		-1
00-Paymnt-010	66 kV Ductbank Installed	0	100%		12-Sep-19 A		-1
00-Paymnt-007	480 Volt Ductbank Trenching Complete	0	100%		16-Sep-19 A		-1
00-Paymnt-011	480 Volt Ductbank Installed	0	100%		28-Oct-19 A		-1
Site Civil Works - Parcel 1 Milestones		187	100%	06-May-19 A	06-Mar-20 A		0
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		0
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	02-Mar-20 A		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



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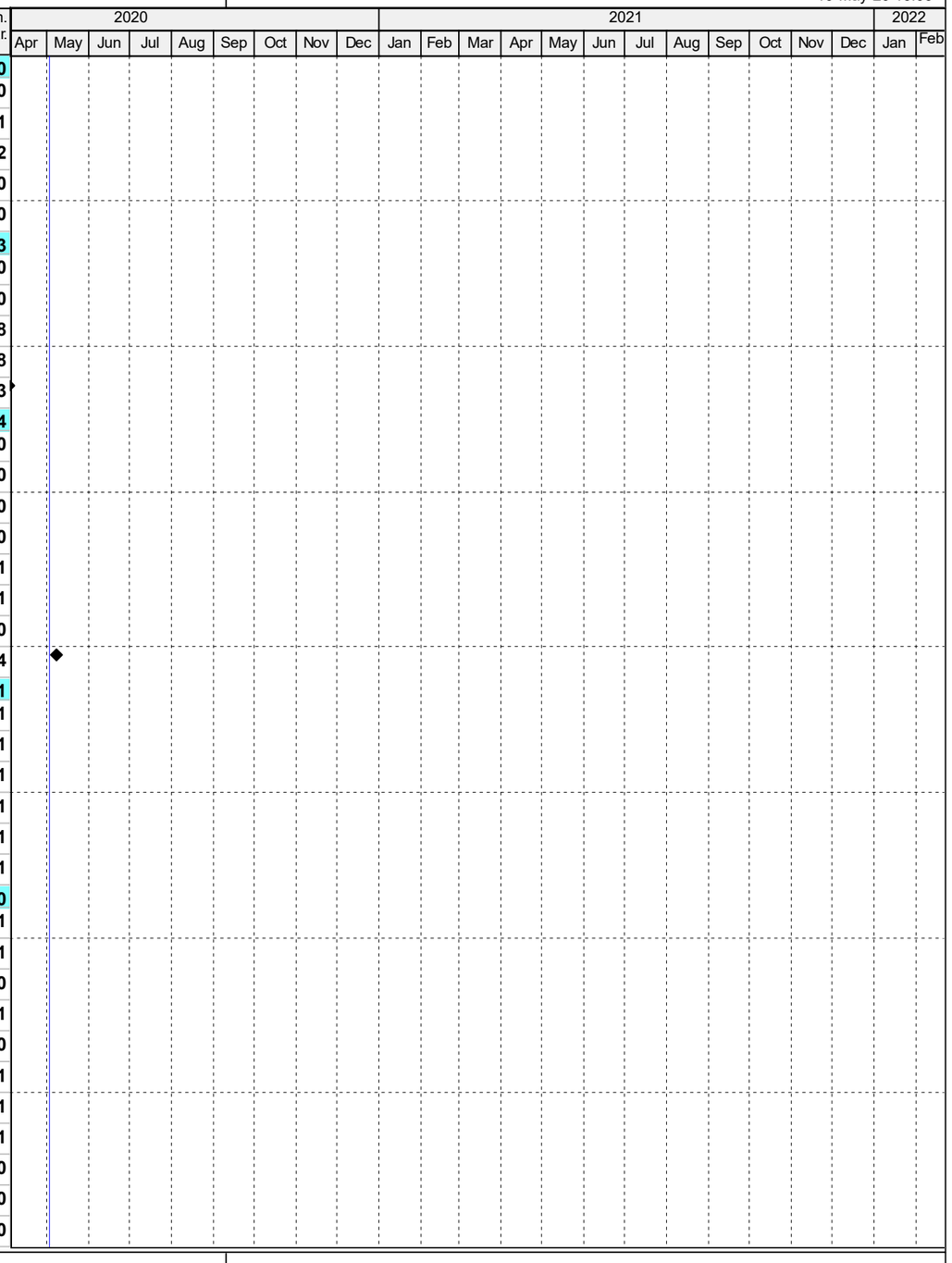
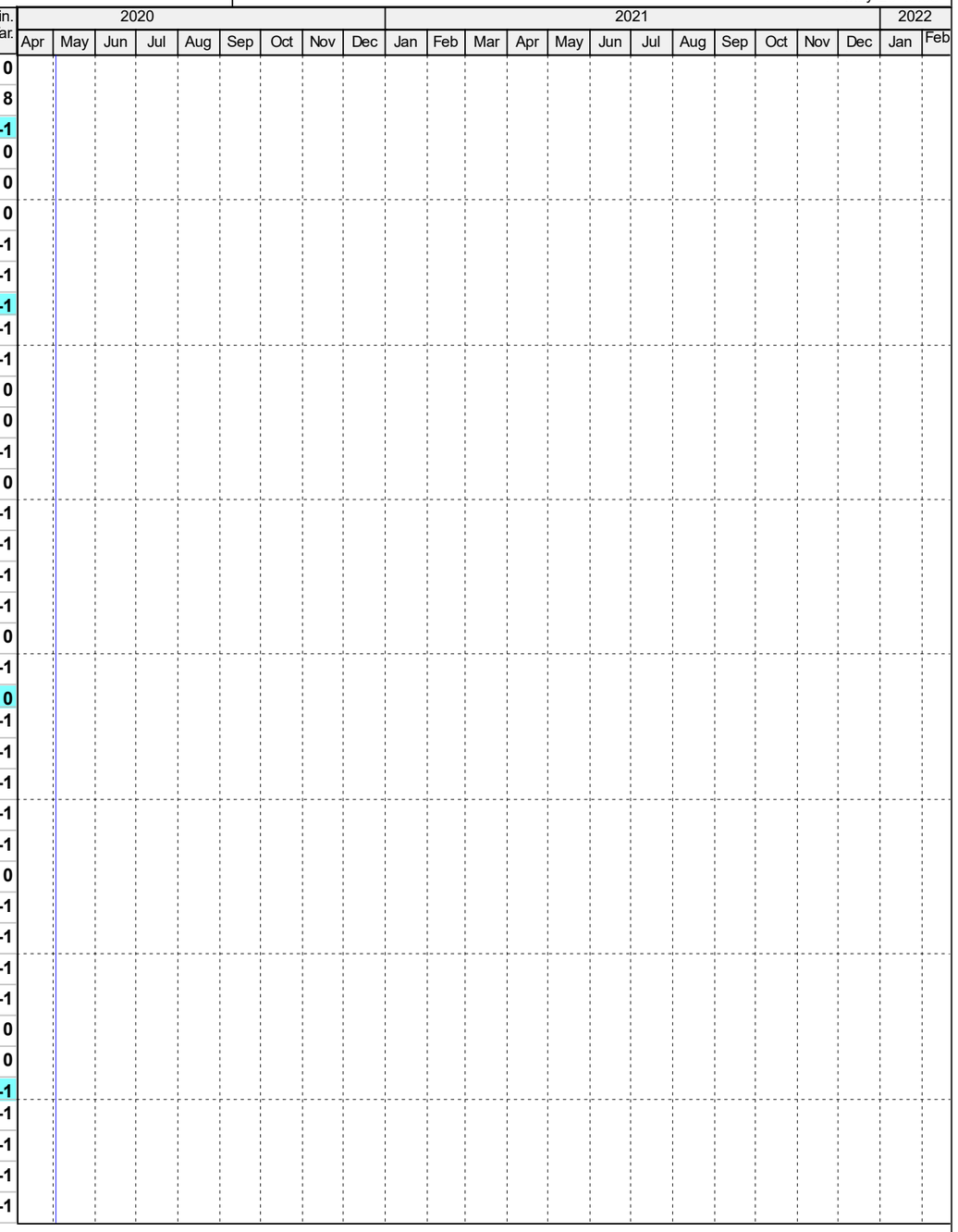
00-Paymnt-021	Installation of Geotextile and Associated Aggregate Complete	0	100%		02-Mar-20 A		16
Bridge Milestones		28	100%	26-Jul-19 A	13-Sep-19 A		-1
00-Paymnt-023	Vehicle Bridge Installation Complete and Approved for Use	0	100%		26-Jul-19 A		0
00-Paymnt-024	Utility Bridge Installation Complete with CBO Approval	0	100%		13-Sep-19 A		-1
Structural - Major Foundation Milestones		58	100%	06-May-19 A	16-Sep-19 A		-1
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		-1
00-Paymnt-035	ERU1 Centerline Foundations Poured (including Stack)	0	100%		16-Sep-19 A		-1
Structural - Minor Foundation Milestones		134	100%	06-May-19 A	08-Jan-20 A		-1
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		-1
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		-1
00-Paymnt-051	Switchyard Substation Module Foundation	0	100%		25-Sep-19 A		-1
00-Paymnt-052	Fuel Gas Compressor Area Foundations	0	100%		26-Sep-19 A		-1
00-Paymnt-057	BESS Switchgear Foundation	0	100%		04-Oct-19 A		-1
00-Paymnt-055	CTG2 Miscellaneous Foundations	0	100%		16-Oct-19 A		-1
00-Paymnt-053	CTG1 Miscellaneous Foundations	0	100%		22-Nov-19 A		-1
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		-1
00-Paymnt-054	ERU1 Miscellaneous Foundations	0	100%		08-Jan-20 A		-1

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 A		0
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		-1
00-Paymnt-059	Install Storm Drain Pipe South	0	100%		26-Feb-20 A		-2
00-Paymnt-061	Install all other Storm Drain Segments	0	100%		30-Mar-20 A		0
00-Paymnt-062	HydroTest Stormwater Systems	0	100%		30-Mar-20 A		0
UG Piping Installation Milestones		186	100%	26-Apr-19 A	03-Apr-20 A		-3
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	100%		16-Mar-20 A		8
00-Paymnt-067	HydroTest Underground Piping Systems	0	100%		16-Mar-20 A		8
00-Paymnt-066	Install Fire Main	0	100%		03-Apr-20 A		-3
UG Ground Grid Milestones		174	100%	26-Jun-19 A	08-May-20	11	-24
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		-1
00-Paymnt-073	Installation of Ground Grid - BESS 15 kV Switchgear Area (BES	0	100%		04-Oct-19 A		-1
00-Paymnt-075	Installation of Ground Grid - Remainder	0	100%		28-Feb-20 A		0
00-Paymnt-074	Installation of Ground Grid - Perimeter	0	0%		08-May-20	11	-24
Unit Substation Milestones		59	100%	30-Aug-19 A	06-Dec-19 A		-1
00-Paymnt-080	Switchyard, Substation: Protection Module	0	100%		30-Aug-19 A		-1
00-Paymnt-076	Set GSU	0	100%		04-Sep-19 A		-1
00-Paymnt-077	GSU Dress Out Complete	0	100%		11-Sep-19 A		-1
00-Paymnt-078	GSU Auxiliary Connections Complete	0	100%		30-Oct-19 A		-1
00-Paymnt-079	All other 66 kV Apparatus Installed and Conductors Connected	0	100%		22-Nov-19 A		-1
00-Paymnt-081	High Voltage Protective Relay Testing Complete	0	100%		06-Dec-19 A		-1
CTG1 Components Setting and Installation Milestones		120	100%	19-Sep-19 A	27-Apr-20 A		-10
00-Paymnt-083	CTG1 - Install Base Plates	0	100%		19-Sep-19 A		-1
00-Paymnt-084	CTG1 - Level CTG Frame	0	100%		27-Sep-19 A		-1
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		-1
00-Paymnt-089	CTG1 - Install Air Filter Housing	0	100%		18-Oct-19 A		0
00-Paymnt-086	CTG1 - Install Air Intake Trans Ducting	0	100%		18-Oct-19 A		-1
00-Paymnt-087	CTG1 - Install Generator Vent Ducting	0	100%		29-Oct-19 A		-1
00-Paymnt-090	CTG1 - Air Housing Internals	0	100%		28-Jan-20 A		-1
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		0

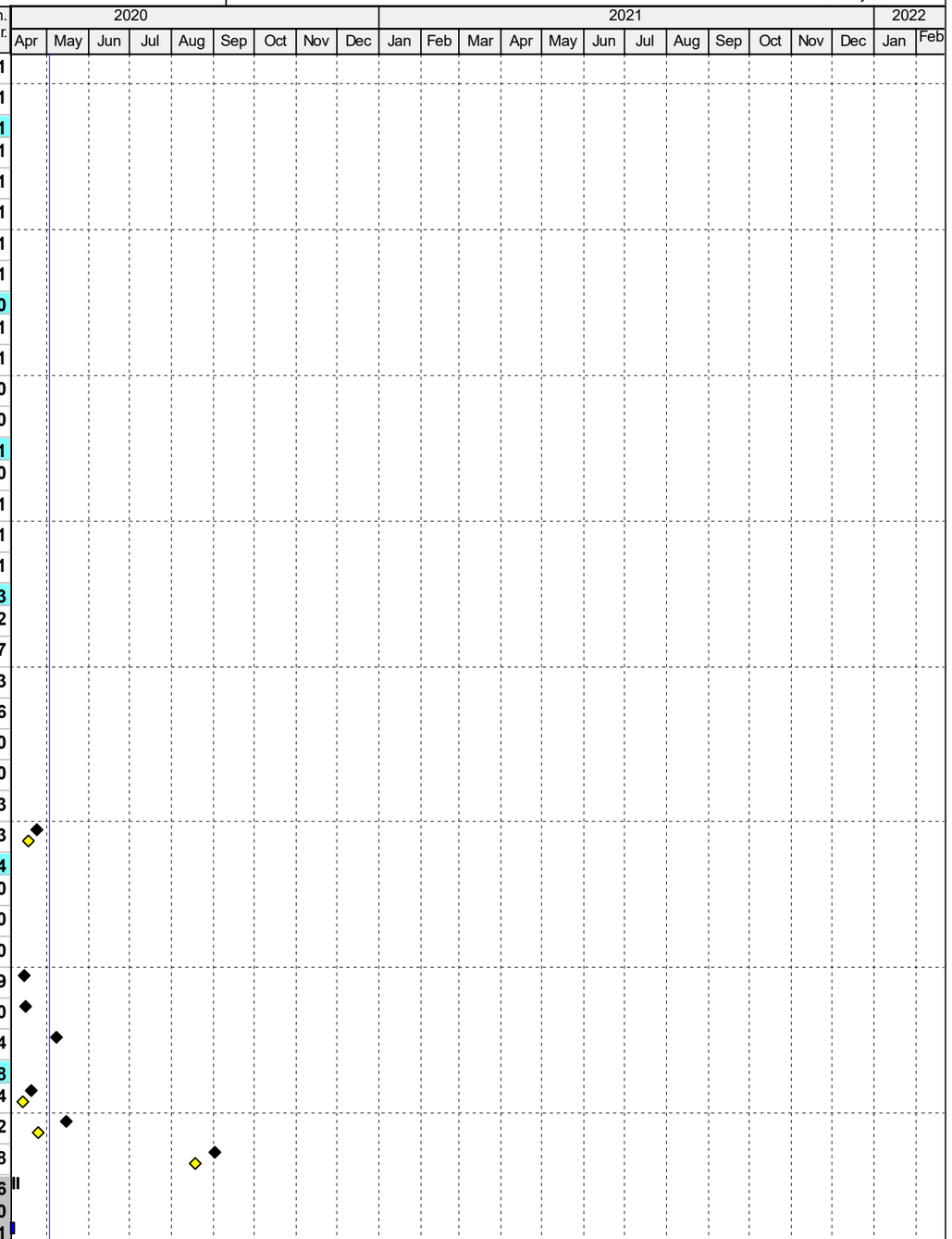


Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Paymnt-093	CTG1 - GE Signoff	0	100%		27-Apr-20 A		-10
CTG2 Components Setting and Installation Milestones		120	100%	27-Sep-19 A	27-Apr-20 A		-13
00-Paymnt-094	CTG2 - Shake Out CTG Parts	0	100%		27-Sep-19 A		-1
00-Paymnt-095	CTG2 - Install Base Plates	0	100%		27-Sep-19 A		-1
00-Paymnt-096	CTG2 - Level CTG Frame	0	100%		27-Sep-19 A		-1
00-Paymnt-101	CTG2 - Install Air Filter Housing	0	100%		22-Nov-19 A		0
00-Paymnt-098	CTG2 - Install Air Intake Trans Ducting	0	100%		22-Nov-19 A		-1
00-Paymnt-100	CTG2 - Install VBV Ducting	0	100%		12-Dec-19 A		-1
00-Paymnt-097	CTG2 - Internal Final Alignment Checks	0	100%		13-Dec-19 A		-1
00-Paymnt-103	CTG2 - Final Check and Grout	0	100%		17-Jan-20 A		-1
00-Paymnt-102	CTG2 - Air Housing Internals	0	100%		30-Jan-20 A		-1
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	100%		27-Apr-20 A		-13
ERU1 Components Setting and Installation Milestones		63	100%	26-Nov-19 A	23-Apr-20 A		-3
00-Paymnt-106	ERU1 - Complete Field Bolt Up and all Sections Set	0	100%		26-Nov-19 A		-1
00-Paymnt-107	ERU1 - Insulation and Liner Plates	0	100%		28-Feb-20 A		17
00-Paymnt-108	ERU1 - Field Load Catalyst	0	100%		23-Apr-20 A		-3
ERU2 Components Setting and Installation Milestones		108	100%	06-Sep-19 A	20-Apr-20 A		-5
00-Paymnt-112	Set Fuel Gas Compressor Equipment	0	100%		06-Sep-19 A		-1
00-Paymnt-113	Set Demin Area Equipment	0	100%		13-Sep-19 A		-1
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		-1
00-Paymnt-109	ERU2 - Complete Field Bolt Up and all Sections Set	0	100%		21-Nov-19 A		-1
00-Paymnt-116	Set ERU Aux Skid - Ammonia Vaporization Skids	0	100%		17-Dec-19 A		-1
00-Paymnt-115	Set CTG Aux Skids	0	100%		20-Dec-19 A		-1
00-Paymnt-110	ERU2 - Insulation and Liner Plates	0	100%		03-Jan-20 A		-1
00-Paymnt-117	Set CEMS Buildings	0	100%		13-Jan-20 A		-1
00-Paymnt-111	ERU2 - Field Load Catalyst	0	100%		20-Apr-20 A		-5
Demin Water Tank Milestones		34	100%	23-Sep-19 A	02-Dec-19 A		-1
00-Paymnt-120	Demin Water Tank Materials Delivered at Site	0	100%		23-Sep-19 A		-1
00-Paymnt-121	Demin Water Tank Installation Complete	0	100%		02-Dec-19 A		-1
AG Piping Installation Milestones		90	100%	30-Aug-19 A	16-Mar-20 A		8
00-Paymnt-122	Procurement of AG Pipe Materials and Receipt of 100% Verifiec	0	100%		30-Aug-19 A		-1
00-Paymnt-126	Rack and Utility Bridge Piping (Demin Water)	0	100%		16-Sep-19 A		-1
00-Paymnt-123	Lube Oil Piping CTG1 and CTG2	0	100%		10-Dec-19 A		-1
00-Paymnt-124	Demin Water @ CTG1 and CTG2	0	100%		10-Dec-19 A		-1
00-Paymnt-125	Demin Water @ Tank Area	0	100%		10-Dec-19 A		-1
00-Paymnt-128	Ammonia System Piping	0	100%		20-Dec-19 A		-1

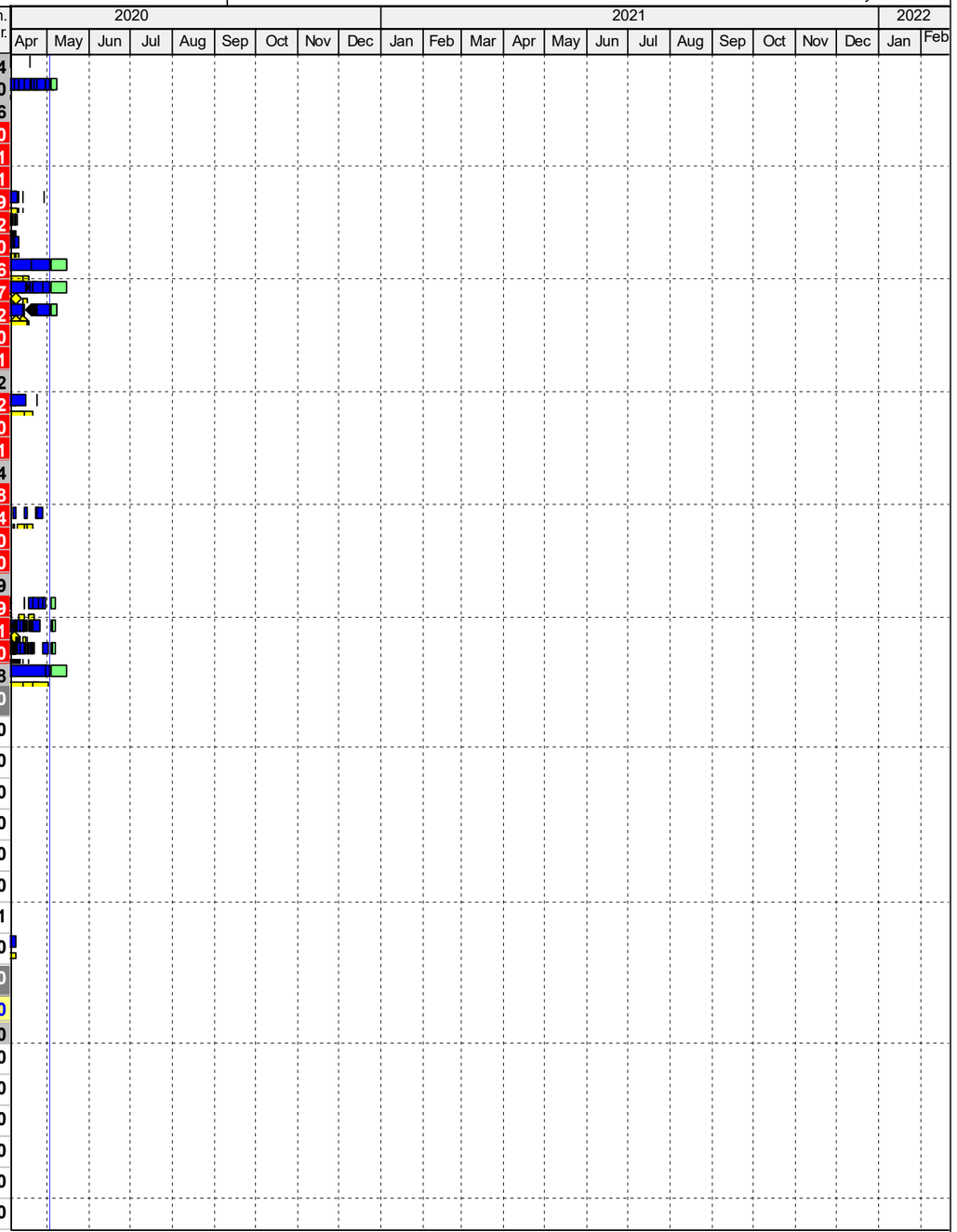
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Paymnt-127	CTG Package Drain System	0	100%		29-Feb-20 A		0
00-Paymnt-129	Natural Gas System Piping	0	100%		16-Mar-20 A		8
Electrical Procurement Milestones		76	100%	16-Sep-19 A	22-Jan-20 A		-1
00-Paymnt-130	Cable Tray Procurement (Received 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		-1
00-Paymnt-133	480 V Cable Procurement (Received on Site 100%)	0	100%		22-Jan-20 A		-1
U1 Medium Voltage Milestones		34	100%	05-Dec-19 A	10-Feb-20 A		-1
00-Paymnt-135	U1 MV - Set 15 kV Switchgear 1	0	100%		05-Dec-19 A		-1
00-Paymnt-139	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal	0	100%		19-Dec-19 A		-1
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-146	U1 MV - AG Conduit Installed	0	100%		06-Jan-20 A		0
00-Paymnt-145	U1 MV - Cable Tray Installed	0	100%		06-Jan-20 A		-1
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-138	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin	0	100%		13-Jan-20 A		-1
00-Paymnt-143	U1 MV - 15 kV Switchgear Protective Relay Testing Complete	0	100%		15-Jan-20 A		-1
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		-1
00-Paymnt-144	U1 MV - 480 V Xfmr 1 Protective Relay Testing Complete	0	100%		21-Jan-20 A		-1
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		-1
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		-1
00-Paymnt-147	U2 MV - Set 15 kV Switchgear 2	0	100%		29-Oct-19 A		-1
00-Paymnt-149	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GSU, Installe	0	100%		19-Dec-19 A		-1
00-Paymnt-151	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CTG2, Instal	0	100%		19-Dec-19 A		-1
00-Paymnt-152	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CTG2, Termi	0	100%		19-Dec-19 A		-1
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		-1
00-Paymnt-150	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GSU, Termin	0	100%		07-Jan-20 A		-1
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		-1
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		-1
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		-1
00-Paymnt-159	BESS MV - Set 15 BESS 15 kV Switchgears (BESS SOW DeSc	0	100%		04-Oct-19 A		-1
00-Paymnt-160	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 1 to GS	0	100%		04-Oct-19 A		-1
00-Paymnt-161	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 1 to GS	0	100%		04-Oct-19 A		-1
00-Paymnt-162	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 2 to GS	0	100%		04-Oct-19 A		-1



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		-1
00-Paymnt-164	BESS MV - 15 kV Switchgear Protective Relay Testing Complet	0	100%		04-Oct-19 A		-1
4160 V System Milestones		53	100%	02-Oct-19 A	29-Jan-20 A		-1
00-Paymnt-165	4160 V System - Set 13.8 kV-4160V Xfmr	0	100%		02-Oct-19 A		-1
00-Paymnt-166	4160 V System - Set 5 kV Switchgear	0	100%		29-Oct-19 A		-1
00-Paymnt-167	4160 V System - 13.8 kV Cable from 15 kV Switchgear 2 to 416	0	100%		29-Jan-20 A		-1
00-Paymnt-168	4160 V System - 13.8 kV Cable from 15 kV Switchgear 1 to 416	0	100%		29-Jan-20 A		-1
00-Paymnt-169	4160 V System - 4160 V Area Electrical Installation Complete	0	100%		29-Jan-20 A		-1
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 F	0	100%		16-Jan-20 A		-1
00-Paymnt-172	U1 480 V System - Pull 480 Volt Cables to all 480 Volt Loads Co	0	100%		31-Jan-20 A		-1
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 Vol	0	100%		14-Mar-20 A		0
U2 480 Volt System Milestones		42	100%	28-Dec-19 A	30-Jan-20 A		-1
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 Vol	0	100%		09-Jan-20 A		-1
00-Paymnt-174	U2 480 V System - 480 Volt Feeder Cables from Aux Xfmr 2 to F	0	100%		13-Jan-20 A		-1
00-Paymnt-176	U2 480 V System - Pull 480 Volt Cables to all 480 Volt Loads Co	0	100%		30-Jan-20 A		-1
Start-Up and Commissioning Milestones		16	100%	16-Jan-20 A	24-Apr-20 A		-3
00-Paymnt-183	SU&C - Natural Gas Piping - Air Blows Common	0	100%		16-Jan-20 A		42
00-Paymnt-185	SU&C - Natural Gas Piping - Air Blows U2	0	100%		24-Jan-20 A		37
00-Paymnt-180	SU&C - Electrical Testing U2	0	100%		31-Jan-20 A		33
00-Paymnt-184	SU&C - Natural Gas Piping - Air Blows U1	0	100%		12-Feb-20 A		26
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	100%		06-Mar-20 A		13
00-Paymnt-178	SU&C - Electrical Testing Plant Common	0	100%		24-Apr-20 A		-3
Misc Milestones		159	100%	22-Jul-19 A	08-May-20	11	-24
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-190	Install Roofless Building U2	0	100%		14-Apr-20 A		-9
00-Paymnt-189	Install Roofless Building U1	0	100%		15-Apr-20 A		-10
00-Paymnt-192	Install Perimeter Fence and Gates (Fence Grounding included)	0	0%		08-May-20	11	-24
Completion Milestones		88	31.82%	20-Apr-20 A	01-Sep-20	-53	-8
00-Paymnt-186	Mechanical Completion	0	100%		20-Apr-20 A		-4
00-Paymnt-193	Final Construction Completion	0	0%		15-May-20	7	-12
00-Paymnt-194	Final Project Completion	0	0%		01-Sep-20	-53	-8
Inclement Weather / Rain Days		226	100%	04-Mar-19 A	10-Apr-20 A		-16
Trailer - Move / Down Size to New Location		4	100%	24-Feb-20 A	28-Feb-20 A		0
Request for Information (RFIs)		222	100%	06-Jun-19 A	06-Apr-20 A		-1



Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
Supplemental Information		230	100%	08-Oct-19 A	18-Apr-20 A		-14
Field Change Oders		238	98.32%	26-Nov-19 A	08-May-20	315	-20
Construction		354	97.74%	04-Feb-19 A	15-May-20	311	-16
Mobilization		19	100%	04-Feb-19 A	01-Mar-19 A		0
Site Preparation		193	100%	19-Feb-19 A	04-Oct-19 A		-1
Vehicle Bridge		179	100%	04-Mar-19 A	30-Dec-19 A		-1
UG Electrical		263	100%	22-Mar-19 A	28-Apr-20 A		-9
UG Piping		237	100%	06-May-19 A	09-Apr-20 A		-2
Foundations		287	100%	06-Mar-19 A	10-Apr-20 A		0
Structural Steel		216	96.3%	05-Feb-19 A	15-May-20	7	-16
Equipment Installation		190	95.8%	20-May-19 A	15-May-20	7	-17
Electrical Installation		267	98.5%	11-Apr-19 A	08-May-20	311	-12
AG Piping		133	100%	25-Jul-19 A	12-Feb-20 A		0
Painting & Insulation		33	100%	03-Feb-20 A	28-Feb-20 A		-1
Pre-Commissioning		80	100%	02-Jan-20 A	24-Apr-20 A		-2
System Turn Over Packages		80	100%	02-Jan-20 A	24-Apr-20 A		-2
U2 Power Block PWP's		44	100%	08-Jan-20 A	09-Mar-20 A		0
U1 Power Block PWP's		48	100%	08-Jan-20 A	27-Mar-20 A		-1
TOP System Walkdown		66	100%	09-Jan-20 A	27-Apr-20 A		-4
Electrical and Control		24	100%	09-Jan-20 A	29-Jan-20 A		-8
BOP Systems Walkdown		58	100%	16-Jan-20 A	27-Apr-20 A		-4
Gas Turbine #2 (GT2) Walkdown		38	100%	09-Jan-20 A	15-Mar-20 A		0
Gas Turbine #1 (GT1) Walkdown		29	100%	04-Feb-20 A	23-Mar-20 A		0
Commissioning		240	99%	28-Feb-16 A	06-May-20	311	-9
Balance of Plant Systems		70	96.55%	09-Jan-20 A	06-May-20	7	-9
GT2 Engine Commissioning		135	98.22%	28-Feb-16 A	06-May-20	317	-11
GT1 Engine Commissioning		240	99%	24-Sep-19 A	06-May-20	317	-10
Demobilization		46	82.46%	24-Feb-20 A	15-May-20	7	-8
Socal Gas Line Schedule		147	100%	19-Aug-19 A	07-Apr-20 A		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	100%	26-Mar-20 A	01-Apr-20 A		-1
SCG-1050	De-Mobilize	4	100%	01-Apr-20 A	07-Apr-20 A		0
SCE Interconnection Schedule		470	89.12%	07-Apr-17 A	20-Aug-20	259	0
Stanton Energy Reliability Center Integrated Schedule (PIN# 8016) - Update		470	89.12%	07-Apr-17 A	20-Aug-20	259	0
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

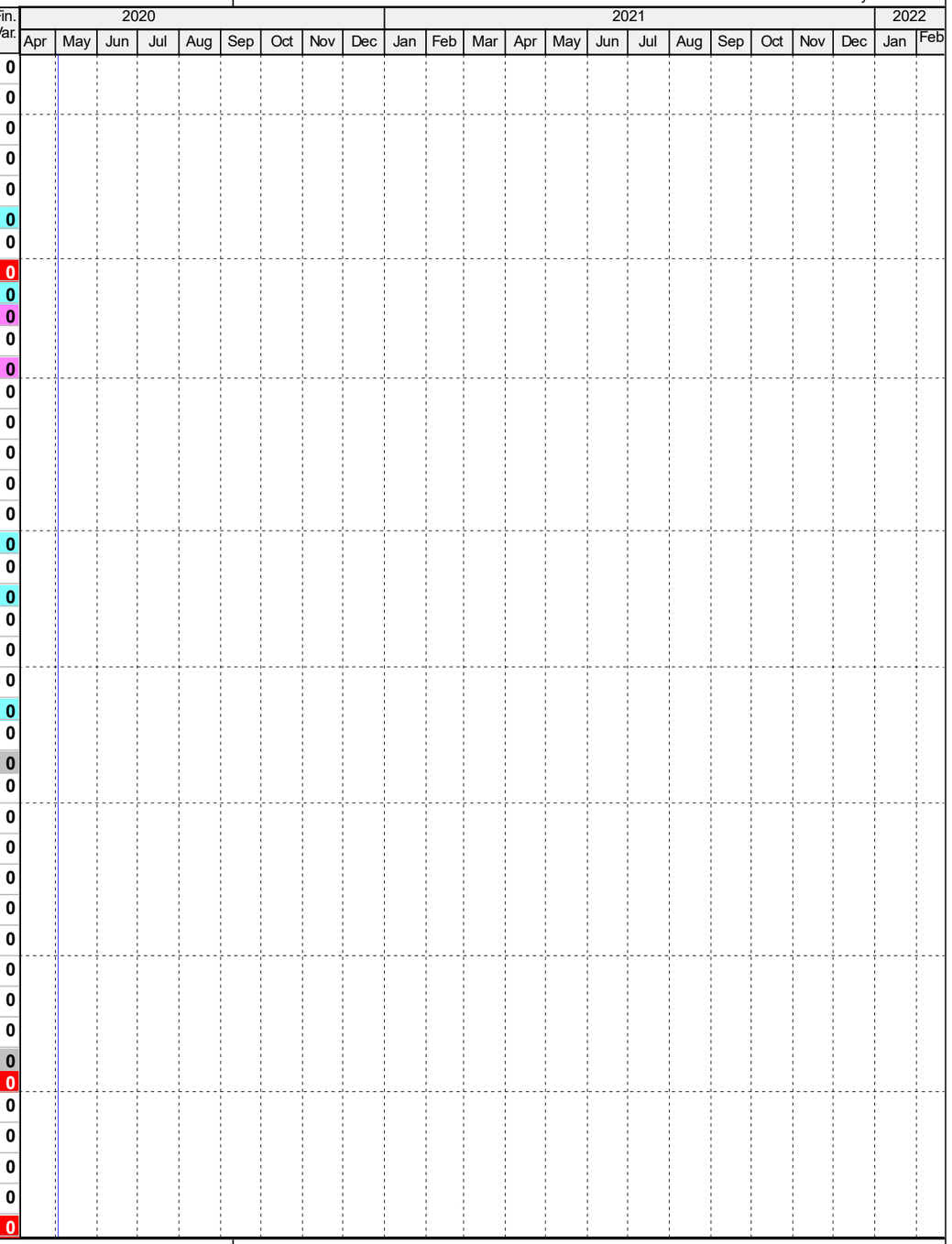


Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

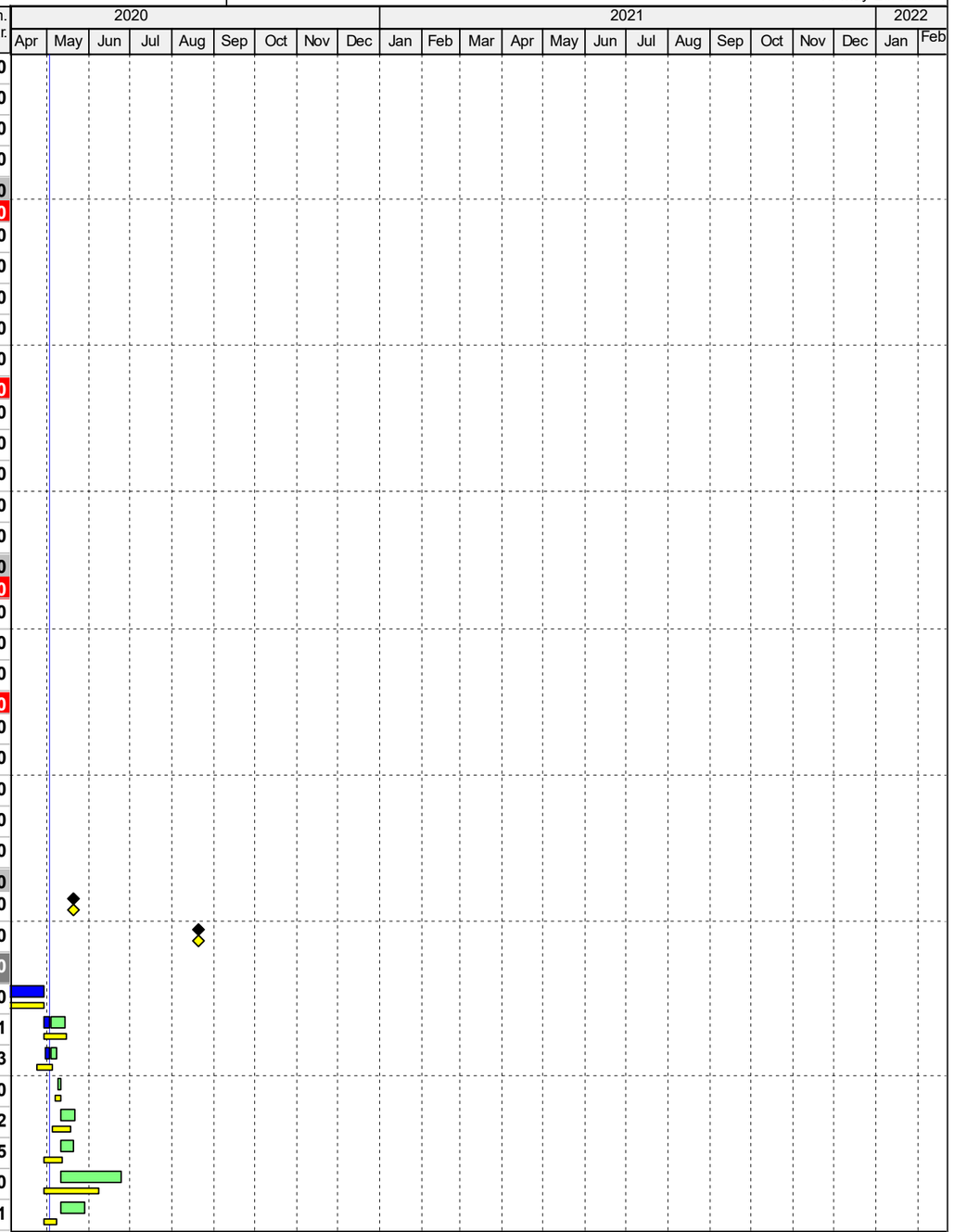
TASK filter: Not Level Of Effort.

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
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		0
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		0
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
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

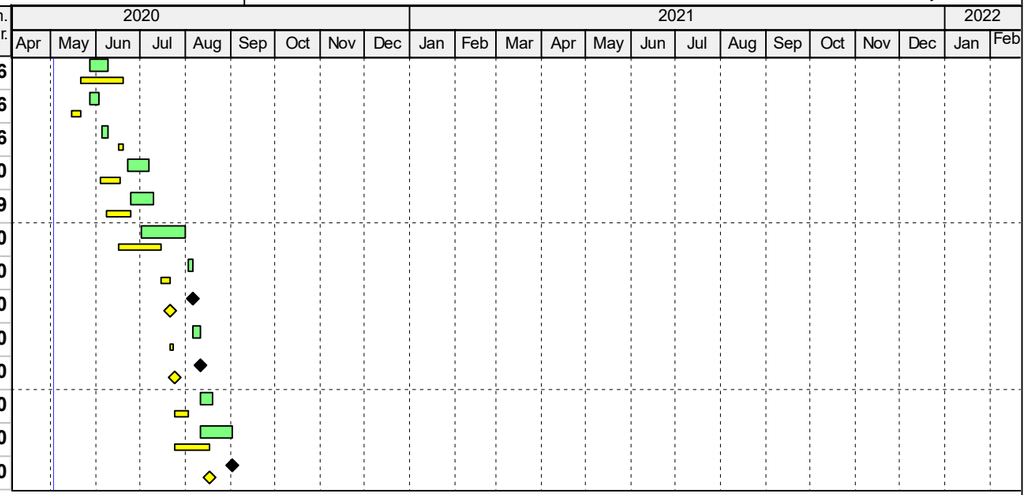
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
01078	Construction Start	0	100%	19-Nov-19 A			0
01075	Built and Test Position 11	45	100%	19-Nov-19 A	17-Jan-20 A		0
01280	3A Bank in Position 10 Offline	0	100%		20-Nov-19 A		0
01260	Install Structural Steel for 66kV Switchrack Position# 10 (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		0
01080	Test & In-Service	5	100%	26-Feb-20 A	03-Mar-20 A		0
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
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



Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
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		68	0%	01-Apr-20 A	02-Sep-20	251	-10
BESS-2000	Underground Utilities	4	100%	01-Apr-20 A	28-Apr-20 A		0
BESS-2006	HPSU Pad	10	30%	29-Apr-20 A	14-May-20	225	1
BESS-2005	Transformer Pad - Ground Floor	6	33.33%	30-Apr-20 A	08-May-20	202	-3
BESS-2123	Transformer Pad - Containment Curb	3	0%	09-May-20	11-May-20	366	0
BESS-2122	Switchgear Pads	8	0%	11-May-20	21-May-20	221	-2
BESS-2030	BESS Equipment Delivered To Site	8	0%	11-May-20	20-May-20	224	-5
BESS-2020	Equipment Installation (Ground Floor)	12	0%	11-May-20	24-Jun-20	203	-10
BESS-2121	Sleeper Pads	6	0%	11-May-20	28-May-20	218	-11



Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
BESS-2035	Electrical Wiring (Ground Floor)	16	0%	27-May-20	09-Jun-20	218	6
BESS-2025	13.8KV Cable Tray To Main GSU	3	0%	27-May-20	02-Jun-20	218	-6
BESS-2125	Deliver & Assemble Equipment (Top Floor)	2	0%	05-Jun-20	09-Jun-20	299	6
BESS-2015	Second Floor Construction	8	0%	22-Jun-20	07-Jul-20	284	-10
BESS-2124	Above Ground Electrical	10	0%	24-Jun-20	10-Jul-20	203	-9
BESS-2040	BESS Testing & Commissioning	16	0%	01-Jul-20	31-Jul-20	203	-10
BESS-2050	EGT Testing & Commissioning	1	0%	03-Aug-20	06-Aug-20	203	-10
BESS-2060	BESS COD (For RAPA)	0	0%	06-Aug-20		203	-10
BESS-2080	EGT Comissioning and Trial Test Runs	4	0%	06-Aug-20	11-Aug-20	203	-10
BESS-2090	EGT Substantial Completion Target (COD)	0	0%	11-Aug-20		203	-10
BESS-2100	O&M Staff Training By GE	4	0%	11-Aug-20	19-Aug-20	251	-10
BESS-2110	As Builts	4	0%	11-Aug-20	02-Sep-20	251	-10
BESS-2120	Final Completion Target	0	0%	02-Sep-20		251	-10



Attachment 2 – COM-5 Compliance Matrix

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											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**	**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		**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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											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**	**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**
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
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.	4/16/2020	3/9/2020	Completed	4/29/2020						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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											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**	**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**
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 ppmv 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	7/15/2020		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
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.	7/15/2020	1/24/2020	In Progress							SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											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**	**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**
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.	7/15/2020		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.	10/3/2020		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.**	10/3/2020		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**	4/16/2023		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**	4/16/2023		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.	6/15/2023		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.	6/15/2023		Not Started				SCAQMD			SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
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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.**	10/3/2023		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.**	10/3/2023		Not Started				SCAQMD			SERC	DSR
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	8/29/2021		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	8/29/2021		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	12/12/2021		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	12/12/2021		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.	10/3/2020		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.	10/3/2020		Not Started				SCAQMD			SERC	DSR

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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.	7/15/2020		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.	4/16/2020	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
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	7/15/2020		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.	4/16/2020	1/24/2020	In Progress							SERC	DSR

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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**	**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**
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	4/6/2020		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	4/6/2020		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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
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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
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	4/6/2020		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

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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	4/16/2020		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
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	10/13/2020		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

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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	1/11/2021		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	1/11/2021		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

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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
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

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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
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

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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

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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
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/OPS	**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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
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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**	**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**
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 methods 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.			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
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

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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	[redacted]	Completed	[redacted]	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

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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

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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
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

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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						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
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

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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 determine	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/COM/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/COM/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

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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
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

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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
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

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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	6/24/2020		Not Started							JACOBS	GAL

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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
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

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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)	8/1/2020		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
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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											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**	**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**
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

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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
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

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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
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

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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**	**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**
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

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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
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

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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	[redacted]	In Progress	[redacted]	Monthly					SERC	RRF/JLJ

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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**	**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**
199	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 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 2/12/19 NV5: 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 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 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

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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 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 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
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

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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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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		Completed		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

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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		Completed				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					
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		Completed				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		Completed		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			

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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			Completed		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
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

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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 : 2/8/2019 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

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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
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

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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	7/1/2020	[redacted]	Not Started	[redacted]						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	7/15/2020		Not Started							Innova	DSR
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

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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	7/1/2020		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

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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
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

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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
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

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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

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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
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

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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
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

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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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											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**	**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**
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 disappoved, 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

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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
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

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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**	**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**
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	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
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

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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

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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
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

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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		Completed		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									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 insallation applicable to LORS	During construction	1/2/2020		Completed							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	4/9/2020	3/10/2020 4/2/2020	Completed	3/12/2020 4/3/2020							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	4/15/2020	4/15/2020 4/17/2020	Completed							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	6/15/2020		Not Started							SERC	GAF

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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	6/15/2020		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	6/15/2020		Not Started							SERC	GAF
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

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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
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

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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

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3												Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**						Operations						
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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
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

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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 NV5)	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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379	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		Completed				OCPW	11/1/2018	1/28/2019 (Approved by CPM. No Comments were received from OCPW)	JACOBS	GAF
380	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
381	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
382	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

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383	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
384	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
385	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
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

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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

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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 4/6/2020 4/8/2020	Completed	1/29/2019	1/16/19 3/11/2020	2/4/2019				ARB	GAL
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 4/8/2019	Completed	N/A	1/16/19	2/4/2019	OCFA	12/3/2018 4/6/2020	No response	ARB TTSC	GAL TLB
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	3/17/2020	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	3/17/2020	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	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

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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**	**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**
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 4/1/2020	11/15/2018 4/2/2020	In Progress	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 4/1/2020	11/15/2018 4/2/2020	In Progress	12/11/2018	1/22/2019 (Ref Only)	1/23/2019					ARB	GAL
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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											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**	**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**
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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											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**	**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**
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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**											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**	**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**
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	[redacted]	Not Started	[redacted]	(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	[redacted]		[redacted]						SERC	GAL
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	[redacted]		[redacted]	(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	[redacted]	Not started	[redacted]	(Ref only)					SERC	GAL

Attachment 3 – Air Quality

Subject	**Stanton Energy Reliability Center (16-AFC-1C)** **Air Quality Monthly Compliance Report** **April 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	May 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 April 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 April 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 April 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 April 2020 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN
Bobcat	Bobcat S550	NE8T75
Case	Skiploader 570NXT	GX6H54
CAT	308E2 Excavator	DA7T55
CAT	259D Skid Steer loader	JX4T34
Deere	210l Skip Loader	WK9J63
Hyster	H210HD 21K Forklift	RD6V74
JCB	509-42 Rough Terrain Forklift	XS3Y34
JLG	6042 T4F 6K Reach Forklift	HN6U33
JLG	1255 Rough Terrain Forklift	EY7H78
JLG	JLG 8042	RX6V57
John Deere	Back Hoe 410L	DC9G67
John Deere	Excavator 345LC-6	XL6K76
Volvo	SD115B Roller	MS8H44
Volvo	Roller DD120C	PM5V39
Volvo	Roller SD115D	GJ8M45
Xtreme	XR1255 Forklift	VC6G63

Attachment 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. Attachment B also contains 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.

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

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.03 12:04:59 -07'00'

Date: 04/01/2020

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?	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: 2020.04.03 15:58:12 -07'00'

Date: 04/02/2020

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: 2020.04.07 14:21:17 -07'00'

Date: 04/03/2020

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?	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: 2020.04.07 14:21:52 -07'00'

Date: 04/04/2020

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: 2020.04.07 14:22:44 -07'00'

Date: 04/06/2020

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	

*** 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: 2020.04.07 16:49:55 -07'00'

Date: 04/07/2020

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: 2020.04.09 10:17:24 -07'00'

Date: 04/08/2020

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

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.06 08:51:55 -07'00'

Date: 04/09/2020

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: 2020.05.06 08:52:32 -07'00'

Date: 04/10/2020

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

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.06 08:53:03 -07'00'

Date: 04/11/2020

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: 2020.05.06 08:53:41 -07'00'

Date: 04/13/2020

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	

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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: 2020.05.06 08:54:26 -07'00'

Date: 04/14/2020

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: 2020.05.06 08:54:58 -07'00'

Date: 04/15/2020

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: 2020.05.06 08:55:24 -07'00'

Date: 04/16/2020

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: 2020.05.06 08:56:06 -07'00'

Date: 04/17/2020

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	

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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: 2020.05.06 08:56:30 -07'00'

Date: 04/18/2020

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: 2020.05.06 08:57:36 -07'00'

Date: 04/20/2020

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: 2020.05.06 08:58:14 -07'00'

Date: 04/21/2020

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: 2020.05.06 08:58:42 -07'00'

Date: 04/22/2020

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: 2020.05.06 08:59:09 -07'00'

Date: 04/23/2020

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

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.06 09:00:19 -07'00'

Date: 04/24/2020

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: 2020.05.06 09:02:16 -07'00'

Date: 04/25/2020

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

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.06 09:02:40 -07'00'

Date: 04/27/2020

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

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.06 09:03:05 -07'00'

Date: 04/28/2020

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: 2020.05.06 09:03:51 -07'00'

Date: 04/29/2020

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: 2020.05.06 09:04:29 -07'00'

Date: 04/30/2020

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)

Sweeping Log

Month/Year: APRIL 20		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4/1	10:00				X	Raul Rodriguez	
4/1	2:00				X	Raul Rodriguez	
4-2	9:30				X	Max Hernandez	
4-2	2:20				X	Max Hernandez	
4-3	10:15				X	Juan Gandy	
4-3	2:00				X	Juan Gandy	
4/6	2:10				✓	Max Hernandez	
4/7	2:20				X	Max Hernandez	
4-8	9:05				X	Max Hernandez	
4-8	12:30				X	Raul Rodriguez	
4-8	2:20				X	Raul Rodriguez	
4/9	7:00				X	Raul Rodriguez	
4/9	9:30				X	Raul Rodriguez	
4/9	12:20				X	Raul Rodriguez	
4/9	2:20				X	Raul Rodriguez	
4-10	7:20				✓	Raul Rodriguez	
4-10	9:30				X	Juan Gandy	

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

Sweeping Log

Month/Year: APRIL 20		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-10	1:00				X	Juan Sanchez	
4-10	2:20				X	Juan Sanchez	
4/13	8:30				✓	Raul Rodriguez	
4/13	11:00				✓	Raul Rodriguez	
4/13	2:15				✓	Raul Rodriguez	
4/14	9:20				✓	Rudell Rodriguez	
4/14	12:15				✓	Raul Rodriguez	
4/14	2:20				✓	Raul Rodriguez	
4-15	10:00				✓	Raul Rodriguez	
4-15	1:20				✓	Raul Rodriguez	
4-16	2:30				✓	Raul Rodriguez	
4-17	8:00				✓	Raul Rodriguez	
4-17	2:30				✓	Raul Rodriguez	
4-20	8:30				✓	Raul Rodriguez	
4-20	2:20				✓	Raul Rodriguez	
4-21	9:30				✓	Raul Rodriguez	
4-21	2:15				✓	Raul Rodriguez	

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

Sweeping Log

Month/Year: APRIL 20		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
4-22	8:45				X	Raul Rodriguez	
4-22	2:25				X	Raul Rodriguez	
4-23	8:30				X	Raul Rodriguez	
4-23	2:15				X	Raul Rodriguez	
4-24	8:10				X	Raul Rodriguez	
4-24	2:20				X	Juan Segura	
4/27	8:20				X	Juan Segura	
4/27	2:25				X	Juan Segura	
4/28	8:30				X	Juan Segura	
4/28	2:15				X	Juan Segura	
4/29	9:30				X	Juan Segura	
4/29	2:00				X	Juan Segura	
4/30	8 20				X	Juan Segura	
4/30	2 10				X	Juan Segura	

Month/Year 04 2020		Sweeping Area (Check if swept)			Operator Signature	Comments
Date	Time	Onsite	Pacific	Fern		
04/01	11:00/4:00	✓	✓	✓	Gbbriel Espinoza	
04/02	11.30/4:30	✓	✓	✓	Gabriel Espinoza	
4/2	4:00/5:00	✓	✓	✓	Gabriel Espinoza	
4/3	11am/4:00	✓	✓	✓	Stephen Wait	ordered Street Sweeper
04/04	11am/4:00	✓	✓	✓	Stephen Wait	ordered Street Sweeper
04/06	9am/4:00	✓	✓	✓	Gabriel Espinoza	
04/07	9am/400	✓	✓	✓	Gabriel Espinoza	
04/08	9am/4:00	✓	✓	✓	Gabriel Espinoza	
04/09	1:30/3:30	✓	✓	✓	Stephen Wait	Street Sweeper ordered
04/10	10am/3:30	✓	✓	✓	Gabriel Espinoza	
04/11					S.WAIT	off Site
04/12					S.Wait	off site
04/13	9:45/3:45	✓	✓	✓	Gabriel Espinoza	
04/14	11:00/3:00	✓	✓	✓	Stephen Wait	Street Sweeper ordered
04/15	1:30/3:30	✓	✓	✓	Stephen Wait	Street Sweeper ordered
04/16	1:30/3:30	✓	✓	✓	Stephen Wait	Street Sweeper ordered
04/17	10:00/4:30	✓	✓	✓	Gabriel Espinoza	
04/18	9:45/4:45	✓	✓	✓	Gabriel Espinoza	
04/19						offsite

Month/Year		Sweeping Area (Check if swept)			Operator Signature	Comments
Date	Time	Onsite	Pacific	Fern		
04/20	10:00/4:30	✓	✓	✓	Gabriel Espinoza	
4/21	7:45/4:00	✓	✓	✓	Gabriel Espinoza	
4/22	8:30/5:00	✓	✓	✓	Gabriel Espinoza	
4/23	7:15/5:00	✓	✓	✓	Gabriel Espinoza	
4/24	2:00/4:00	✓	✓	✓	Stephen Wait	ordered Street Sweeper
4/25	8:30/3:30	✓	✓	✓	Gabriel Espinoza	
4/27	11:30/4:30	✓	✓	✓	Stephen Wait	ordered Street Sweeper
4/28	11:30/4:00	✓	✓	✓	Stephen Wait	
4/29	9:00/4:15	✓	✓	✓	Gabriel Espinoza	
4/30	2:00/5:00	✓	✓	✓	Stephen Wait	ordered Street Sweeper

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

SERC Offroad Diesel Equipment Inventory April 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	
		WC8Y33	SERC_004	Komatsu	PC490LC-11 Excavator	2016	A41491	Lalonde	Ortiz	Komatsu	GKLXL11.0DDC	SAA6D125E-7	11	2016	861305	362	T4	u-r-005-0424	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	ECR2353I - Excavator	2017	310653	Lalonde	Ortiz	Deutz	GDZXL05.7053	D6J	5.702	2016	11974476	173	4	u-r-013-0523	Green tag issued 02/27/2019	
		AC5T48	SERC_008	Deere	710K - Backhoe	2015	1T0710KXEFE280027	Ortiz	Ortiz	John Deere Power Systems	EJDXL06.8210	6068HT079	NA	2014	PE6068R101462	130	4I	u-r-004-0487	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	SK8574	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	11/10/2019	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	4/28/2020	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	

SERC Offroad Diesel Equipment Inventory April 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
11/4/2019	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	
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	12/20/2019	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	4/10/2020	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	3/11/2020	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		PCI	PCI	Isuzu Motors Limited	DSZXL05.2MXA	AM-4HK1X	5.2	2013	4HK1-708365	174	4I	u-r-006-0376	Green tag not issed. Equipment not used	Contractor demobilized on 3/20/20. Equipment not used.
3/30/2020	4/17/202	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	4/16/2020	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	
4/2/2020	4/15/2020	MS8H44	SERC_058	Volvo	SD115B Roller	2016	1011402	LaLonde	Boer	Deutz AG	GDZXL04.1054	DJ4	4.038	2016	11890136	148	4	U-R-013-0512	Green Tag issued 04/03/2020	
4/13/2020	4/21/2020	RD6V74	SERC_059	Hyster	H210HD 21K Forklift	2017	NA	Pape	TTSC	CUMMINS	GCEXL04.5AAH	QSB4.5 160	4.5	2016	22211239	160	4	U-R-002-0629	Green Tag Issued 4/15/2020	
4/17/2020	Onsite	RX6V57	SERC_060	JLG	JLG 8042	2013	0160050533	Sunstate	TTSC	Cummins	CCEXL03.3ADA	QSB3.3	3.3	2012	68603511	71	4	U-R-002-0583	Green tag issued 4/25/2020	
4/22/2020	4/24/2020	PM5V39	SERC_061	Volvo	Roller DD120C	2020	VCED120CAOS288151	LaLonde	Boer	Deutz AG	JDZXL04.1054	D4J	4.038	2018	12306227	148	4	U-R-013-0548-1	Green tag not issued. Equipment left in 2 days	
4/22/2020	Onsite	GX6H54	SERC_062	Case	Skiploader 570NXT	2013	JJGN570NTDC593026	Boer	Boer	FPT Industrial S.P.A.	DFPXL03.4ADD	570NXT	3.4	2013	131485	63	4	U-R-015-0252	Green tag issued 4/25/2020	
4/24/2020	Onsite	GJ8M45	SERC_063	Volvo	Roller SD115D	2020	VCES115BLOS236666	LaLonde	Boer	Deutz AG	KDZXL04.1054	D4J	4.038	2019	12439114	148	4	U-R-013-0580	Green tag issued 4/28/2020	
4/29/2020	4/29/2020	NE8T75	SERC_64	Bobcat	Bobcat S550	2017	AHGM12938	Sunstate	Granitex	Doosan Infracore CO LTD	GDICL02.4LEA	D24NAP	2.392	2016	AHGM12938	61	4	U-R-019-0141	Green tag not issued. Equipment left same day	

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.04.03 16:00:32 -07'00'

Date: 04/01/2020

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: 2020.04.03 16:01:56 -07'00'

Date: 04/02/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	**Response (yes/no)**	**Action**
Has any off-road diesel equipment been delivered to the site today?	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: 2020.04.07 14:18:52 -07'00'

Date: 04/03/2020

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: 2020.04.07 14:19:32 -07'00'

Date: 04/04/2020

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: 2020.04.07 14:19:59 -07'00'

Date: 04/06/2020

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: 2020.04.07 16:49:27 -07'00'

Date: 04/07/2020

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: 2020.04.09 10:15:01 -07'00'

Date: 04/08/2020

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: 2020.05.06 08:31:56 -07'00'

Date: 04/09/2020

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: 2020.05.06 08:32:41 -07'00'

Date: 04/10/2020

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

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.06 08:33:19 -07'00'

Date: 04/11/2020

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: 2020.05.06 08:34:23 -07'00'

Date: 04/13/2020

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: 2020.05.06 08:34:56 -07'00'

Date: 04/14/2020

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: 2020.05.06 08:35:38 -07'00'

Date: 04/15/2020

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: 2020.05.06 08:36:25 -07'00'

Date: 04/16/2020

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?	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: 2020.05.06 08:36:59 -07'00'

Date: 04/17/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	**Response (yes/no)**	**Action**
Has any off-road diesel equipment been delivered to the site today?	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

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.06 08:37:38 -07'00'

Date: 04/18/2020

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: 2020.05.06 08:38:55 -07'00'

Date: 04/20/2020

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

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.06 08:39:38 -07'00'

Date: 04/21/2020

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: 2020.05.06 08:40:13 -07'00'

Date: 04/22/2020

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

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.06 08:40:57 -07'00'

Date: 04/23/2020

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: 2020.05.06 08:41:50 -07'00'

Date: 04/24/2020

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?	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?	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: 2020.05.06 08:42:36 -07'00'

Date: 04/25/2020

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: 2020.05.06 08:43:52 -07'00'

Date: 04/27/2020

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?	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: 2020.05.06 08:44:26 -07'00'

Date: 04/28/2020

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: 2020.05.06 08:44:59 -07'00'

Date: 04/29/2020

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

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.06 08:45:33 -07'00'

Date: 04/30/2020

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:

Primoris Services Corporation
ARB Inc.

May 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 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
[redacted]					Rough Terrain				
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
[redacted]									
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

Respectfully,

FOR STEVE FISCHER

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 30, 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 (April) for all on-site equipment.
See the attached Equipment Log for Boer Backhoe equipment currently on-site.

Respectfully,

Sherry L. Boer
President

BOER BACKHOE, INC.

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
MS8H44	SERC-58	VOLVO	2016	SD115B ROLLER	T4
PM5V39	SERC-61	VOLVO	2020	DD120C ROLLER	T4
GX6H54	SERC-62	CASE	2013	570NXT SKIPLOADER	T4
GJ8M45	SERC-63	VOLVO	2020	SD115D ROLLER	T4

May 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 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
[redacted]				

Respectfully,

Louie Lozoya
Newtron LLC
General Superintendent

TTS CONSTRUCTION .com

May 1, 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 04/2020, 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
RD6V74	SERC 59	Hyster	H210HD	2017

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

Sincerely

Nathen Howard
Construction Manager

TTS CONSTRUCTION .com

May 1, 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 04/2020, 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
NE8T75	N/A	Bobcat	Bobcat S550	2017

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

Sincerely

Nathen Howard
Construction Manager

1220 East Pine Street
Lodi, CA 95240

www.ttsconstruction.com

209-333-7788 Phone
209-333-7791 Fax

TTS CONSTRUCTION .com

May 1, 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 04/2020, 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
RX6V57	SERC 60	JLG	JLG-8042	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
April 2020

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs
SERC CEC Designated Biologist

Date: May 4, 2020

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

1. Introduction

This April 2020 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from April 1 through April 30, 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 April 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 April 2020 reporting period biological monitoring was conducted on the SERC site two to five times per week. In addition, two nest surveys were 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 Reports and Active Nest Notifications are 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 is included in Appendix C.

2.1 Activities Monitored

SERC construction activities were monitored twice weekly from April 1 through April 10, 2020 and daily (Monday-Friday) from April 13 through April 30, 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), and construction laydown, parking, and staging areas on portions of 10680 Fern Avenue and 8322-A Standustrial Street.

Construction activities at the SERC site included ongoing infrastructure work. Construction on the natural gas pipeline and use of the laydown yard at St. John the Baptist Greek Orthodox Church (located at 405 N. Dale Ave, Anaheim) started on August 19, 2019 and ended on March 31, 2020. Construction began on the Battery Energy Storage System (BESS) on March 30, 2020. The Post-Certification Change for the construction laydown, parking, and staging areas on portions of 10680 Fern Avenue and 8322-A Standustrial Street was docketed on April 22, 2020 by the CEC.

2.2 Nesting Birds

In addition to on-site monitoring, nest surveys were performed on April 10 and April 22, 2020 for the three newly proposed construction laydown, parking, and staging areas and within 500 feet in accordance with BIO-8. The following is a summary of bird nests protected under the Migratory Bird Treaty Act (MBTA) that were active during the April 2020 reporting period on the SERC site:

- An active house finch (*Haemorhous mexicanus*) nest was identified on April 10, 2020 during a nest survey at 10680 Fern Avenue, Stanton. The nest was located at approximately 33.8070995 latitude and -117.9879882 longitude. The nest was located in the northwest corner of the proposed “Parcel B Warehouse,” on the underside of the warehouse awning. This nest was active through the end of the April 2020 reporting period.

- An active mourning dove (*Zenaida macroura*) nest was identified on April 12, 2020 in the eastern SERC parcel. The nest was located at approximately 33.8067461 latitude and -117.9852721 longitude. The nest was on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2, approximately 10 feet above the ground. This nest was active through the end of the April 2020 reporting period.

- An active mourning dove (*Zenaida macroura*) nest was identified on April 22, 2020 during a nest survey at 10680 Fern Avenue, Stanton. The nest was located at approximately 33.8073184 latitude and -117.9881956 longitude. The nest was located north of Parcel B on the underside of the warehouse awning. This nest was active through the end of the April 2020 reporting period.

- An active mourning dove (*Zenaida macroura*) nest was identified on April 27, 2020 in the eastern SERC parcel. The nest was located at approximately 33.806427 latitude and -117.9865712 longitude. The nest was on an overhead wire rack, approximately 20 feet above the ground. The rack is located at the intersection of the two access roads on the eastern parcel and contains

energized high voltage lines. This nest was active through the end of the April 2020 reporting period.

The Nest Survey Reports and Active Nest Notifications are 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 April 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 April 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 April reporting period. The following is a summary of rescues and mortality this month:

- Two deceased domestic kittens (*Felis catus*) were identified on April 15, 2020 on the Western SERC Laydown Yard.

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

2.5 Hazardous Material Spills

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

2.6 Non-Compliance Report

Two non-compliance notifications were issued during the April 2020 reporting period:

- On April 2, 2020 the CRS issued a non-compliance with CUL-5/BIO-5 when it was discovered a contractor had not completed WEAP training within the first week of their employment and a stop work was issued until the crew could be WEAP trained.
- On April 21, 2020 the DB issued a non-compliance with BIO-8 when construction activities were observed in the warehouse building (on a portion of 10680 Fern Avenue, Stanton) proposed for warehousing/laydown in the Petition for Post-Certification Change submitted in February 28, 2020. Construction activities began before a nest survey "within the 3-day period preceding initiation of construction activity" was performed per BIO-8(2) and a known MBTA protected nest was not buffered in compliance with BIO-8(3) prior to the use of the area. In response a nest survey was conducted the following morning and no-disturbance buffers were established.

Non-compliance notifications issued during the April 2020 reporting period are provided in Appendix E and the Cultural Resources Monthly Compliance Report.

3. WEAP Training

On-site staff received WEAP training prior to starting work on site. A total of 75 persons completed the SERC WEAP training in April 2020. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix F.

Appendix A
Nest Survey Reports and Active Nest Notifications

From:	Heiser, John@Energy
To:	Edens, Ava/SCO; Valand, Andrew@Wildlife; Christine_Medak@fws.gov
Cc:	Tim Bofman; Davy, Doug/SAC; Parker, Karen/SAC
Subject:	[EXTERNAL] Re: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas
Date:	Tuesday, April 28, 2020 9:12:16 AM

Good morning Ava, thank you for sending inthe latest Bird Nest Survey. Have forwarded to CEC Bio staff.
John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Tuesday, April 28, 2020 8:53 AM
To: Heiser, John@Energy <john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov <Christine_Medak@fws.gov>
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: RE: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas

John,

The letter report documenting the results of the April 22, 2020 nesting bird survey for SERC (16-AFC-1), in compliance with California Energy Commission Condition of Certification BIO-8(6), is attached.

Thanks,
Ava

From: Heiser, John@Energy <john.heiser@energy.ca.gov>
Sent: Thursday, April 23, 2020 12:46 PM
To: Edens, Ava/SCO <Ava.Edens@jacobs.com>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: [EXTERNAL] Re: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas

Ava, thank you. Will forward to CEC Bio staff for review.

John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Thursday, April 23, 2020 11:16 AM

To: Heiser, John@Energy <john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov <Christine_Medak@fws.gov>
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: RE: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas

John,

This email serves as notification of the completion of another nest survey for Stanton Energy Reliability Center (SERC), 16-AFC-1, in compliance with California Energy Commission Condition of Certification BIO-8(6). A fourth and final nest survey was performed on April 22, 2020 for the three newly proposed construction laydown, parking, and staging areas that will be used temporarily for construction. The survey was performed by Cara Snellen (approved SERC biological monitor). This is the same area surveyed previously on February 28, March 10, and April 10, 2020 (see emails below).

Three Migratory Bird Treaty Act (MBTA) protected nests were observed during the April 22, 2020 nest survey. One nest, belonging to Northern mockingbirds (*Mimus Polyglottos*), was off-site but within the 500 foot survey buffer. Two nests, one house finch (*Haemorhous mexicanus*) and one mourning dove (*Zenaida macroura*), are located at 10680 Fern Avenue in Stanton, where a portion of the property will be utilized by SERC.

The house finch nest was identified during the April 10, 2020 nest survey and is described below and in the letter report documenting the results of that survey. The mourning dove nest is located north of Parcel B. The approximate coordinates of the mourning dove nest are 33.8073184, -117.9881956. The property at 10680 Fern Avenue is very active, with existing (non-SERC) activities including vehicle and foot traffic. Both nests are tucked under awnings and can only be seen from almost directly below the nests because of existing visual barriers. Therefore buffers of approximately 10 feet are proposed for both nests along with daily monitoring by an approved SERC biological monitor. If signs of disturbance or distress are observed adaptive measures to reduce disturbance can be implemented immediately.

A letter report documenting the results of this nest survey will follow.

Thank you,
Ava

Ava Edens | Jacobs | SERC Designated Biologist | 949.404.2046 desk | 949.466.5178 mobile | Ava.Edens@jacobs.com | www.jacobs.com

---

From: Heiser, John@Energy <john.heiser@energy.ca.gov>

Sent: Thursday, April 16, 2020 10:28 AM
To: Edens, Ava/SCO <Ava.Edens@jacobs.com>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: [EXTERNAL] Re: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas

Good morning AVA, thank you for sending in this report. Have forwarded to CEC Bio staff for review.
Cheers!
John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Thursday, April 16, 2020 10:15 AM
To: Heiser, John@Energy <john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov <Christine_Medak@fws.gov>
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: RE: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas

Thank you John. The letter report documenting the results of the April 10, 2020 nesting bird survey for SERC (16-AFC-1), in compliance with California Energy Commission Condition of Certification BIO-8(6), is attached.

Thanks again,
Ava

From: Heiser, John@Energy <john.heiser@energy.ca.gov>
Sent: Monday, April 13, 2020 9:07 AM
To: Edens, Ava/SCO <Ava.Edens@jacobs.com>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: [EXTERNAL] Re: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas

Good morning Ava, thank youfor sending in the revised nesting survey. Have forwarded to CEC Bio staff for review.

John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Saturday, April 11, 2020 6:14 PM
To: Heiser, John@Energy <john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov <Christine_Medak@fws.gov>
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: RE: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas

John,

This email serves as notification of the completion of another nest survey for Stanton Energy Reliability Center (SERC), 16-AFC-1, in compliance with California Energy Commission Condition of Certification BIO-8(6). A nest survey was performed on April 10, 2020 for the three newly proposed construction laydown, parking, and staging areas that will be used temporarily for construction. The survey was performed by Cara Snellen (approved SERC biological monitor). This is the same area surveyed previously (see emails below).

An active house finch (*Haemorhous mexicanus*) nest was observed during the April 10, 2020 nest survey, which is protected by the Migratory Bird Treaty Act (MBTA). The nest appears to be in the incubation stage based on the observations by the biologist. The approximate coordinates of the nest are 33.8070995, -117.9879882. The nest is located in the northwest corner of the proposed "Parcel B Warehouse," on the underside of the warehouse awning. The nest is over 50 feet from the active SERC Project Site. The recommended buffer for passerines, such as house finches, is 25 feet. Therefore, no fencing or buffer is proposed at this time. The nest will be checked again during the next nest survey and prior to the use of the warehouse by the SERC Project.

A letter report documenting the results of this nest survey will follow.

Thank you,
Ava

Ava Edens | Jacobs | SERC Designated Biologist | 949.404.2046 desk | 949.466.5178 mobile | Ava.Edens@jacobs.com | www.jacobs.com

---

From: Heiser, John@Energy <john.heiser@energy.ca.gov>
Sent: Thursday, March 19, 2020 6:05 AM
To: Edens, Ava/SCO <Ava.Edens@jacobs.com>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: [EXTERNAL] RE: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed

Construction Parking and Laydown Areas

Good morning Ava, thank you for sending in the results of the March 10, 2020 nesting bird survey. Have forward the document to CEC Bio staff for review.

Cheers!
John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Wednesday, March 18, 2020 9:55 PM
To: Heiser, John@Energy <john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: RE: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas

Hi John,

The letter report documenting the results of the March 10, 2020 nesting bird survey for SERC (16-AFC-1), in compliance with California Energy Commission Condition of Certification BIO-8(6), is attached. I am aware that another survey maybe required depending on when the amendment is formally approved.

Thank you,
Ava

Ava Edens | Jacobs | SERC Designated Biologist | 949.404.2046 desk | 949.466.5178 mobile | Ava.Edens@jacobs.com | www.jacobs.com

---

From: Heiser, John@Energy <john.heiser@energy.ca.gov>
Sent: Wednesday, March 11, 2020 12:41 PM
To: Edens, Ava/SCO <Ava.Edens@jacobs.com>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: [EXTERNAL] RE: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas

Hello Eva, thank you. Have forwarded to CEC Bio staff for review.

Cheers!

John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Wednesday, March 11, 2020 12:19 PM
To: Heiser, John@Energy <john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: RE: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas

John,

This email serves as notification of the completion of another nest survey for Stanton Energy Reliability Center (SERC), 16-AFC-1, in compliance with California Energy Commission Condition of Certification BIO-8(6). The second nest survey (of the two required) was performed on March 10, 2020 for the three newly proposed construction laydown, parking, and staging areas that will be used temporarily for construction. The survey was performed by myself (SERC Designated Biologist). No active Migratory Bird Treaty Act (MBTA) protected nests were observed.

A letter report documenting the results of this nest survey will follow.

Thank you,
Ava

Ava Edens | Jacobs | SERC Designated Biologist | 949.404.2046 desk | 949.466.5178 mobile | Ava.Edens@jacobs.com | www.jacobs.com

---

From: Heiser, John@Energy <john.heiser@energy.ca.gov>
Sent: Friday, March 6, 2020 9:23 AM
To: Edens, Ava/SCO <Ava.Edens@jacobs.com>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: [EXTERNAL] RE: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas

Good morning Eva, thank you very much in sending in the report. Greatly appreciated!
John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Thursday, March 05, 2020 3:06 PM
To: Heiser, John@Energy <john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: RE: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas

Hi John,

The letter report documenting the results of the February 28, 2020 nesting bird survey for SERC (16-AFC-1), in compliance with California Energy Commission Condition of Certification BIO-8(6), is attached.

Thank you,
Ava

Ava Edens | Jacobs | SERC Designated Biologist | 949.404.2046 desk | 949.466.5178 mobile | Ava.Edens@jacobs.com | www.jacobs.com

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From: Heiser, John@Energy <john.heiser@energy.ca.gov>
Sent: Monday, March 2, 2020 12:44 PM
To: Edens, Ava/SCO <Ava.Edens@jacobs.com>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: [EXTERNAL] RE: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction Parking and Laydown Areas

Good afternoon Eva, thank you for the update. Have forwarded the information to CEC Bio staff. Look forward to the report.
Cheers!
John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Monday, March 02, 2020 12:25 PM
To: Heiser, John@Energy <john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: Nest Survey for the Stanton Energy Reliability Center (16-AFC-1): Proposed Construction

Parking and Laydown Areas

Dear John,

This email serves as notification of the completion of a nest survey for Stanton Energy Reliability Center (SERC), 16-AFC-1, in compliance with California Energy Commission Condition of Certification BIO-8(6). A nest survey was performed on February 28, 2020 for the three newly proposed construction laydown, parking, and staging areas that will be used temporarily for construction. The survey was performed by Cara Snellen (approved SERC biological monitor). No active Migratory Bird Treaty Act (MBTA) protected nests were observed.

A letter report documenting the results of the nest survey will follow.

Thank you,
Ava

Ava Edens | Jacobs | SERC Designated Biologist | 949.404.2046 desk | 949.466.5178 mobile | Ava.Edens@jacobs.com | www.jacobs.com

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Memorandum

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Irvine, CA 92612
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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	April 16, 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 completed on April 10, 2020 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 immediately north of the SERC site within an industrial area in Stanton (see Photographs 1-3 in Attachment B).

Nesting bird surveys were previously conducted in the same survey area on February 28, 2020 and March 10, 2020. The April 10 survey is the third nesting bird survey conducted for the three parcels. This nesting bird survey 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. Survey History

Three active and two inactive nests were previously identified in the survey area. During the February 28 survey, three active house sparrows (*Passer domesticus*) nests were observed; two located approximately 195 feet and 90 feet southwest of Parcel A along Fern Avenue, respectively (Nests 1 and 2), and one located approximately 75 feet east of the southeast corner of Parcel C (Nest 3).

Two additional nests were observed on March 10, 2020 (Nest 4 and 5). Both nests were located in the roof overhang of the warehouse on Parcel B. As no activity was observed, these nests were considered inactive (unknown species). Both inactive nests were removed.

3. Methods

The April 10 nest survey was completed by Cara Snellen, a biologist with Jacobs and approved biological monitor for SERC. The nest survey was conducted between 8:30 am and 10:30 am. Weather conditions were cloudy (including some light rain) with temperatures around 58°F and moderate winds (10-12 mph ENE) at the beginning of the survey, and mostly cloudy with temperatures around 60°F and light winds (10-12 mph ENE) at the end of the survey. The survey area received approximately 1.1 inches of precipitation in the 24 hours immediately preceding the survey (https://www.wunderground.com/history/daily/us/ca/stanton/KLGB).

4. Results

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, 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.

An active house finch (*Haemorhous mexicanus*) nest (Nest 6) was observed on a beam ledge in the underside of the northwest corner of the warehouse awning in Parcel B (see Figure 1 in Attachment A; Photographs 4-5 in Attachment B). The location is the same as one of the removed inactive nests (Nest 4) identified during the March 10 survey. It is approximately 65 feet from the active SERC Project Area. An adult male was observed singing on a utility wire above the warehouse awning. The adult male then entered the nest and a female was observed in the nest and heard vocalizing. The nest is high off the ground and partially concealed but the activity observed indicates that the nest is in the incubation stage.

The house sparrow nest (Nest 3) near the southeast corner of Parcel C is still active (see Figure 1 in Attachment A; Photograph 6 in Attachment B). This nest is high off the ground and partially concealed; however, based on the numerous trips to the nest by both male and female, as well as the time since initial discovery, it is presumed that the nest is the chick feeding stage. No activity was observed at either house sparrow nest previously identified along Fern Avenue (Nests 1 and 2) and both are now considered inactive. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Details regarding all nests identified within the survey area are presented in Table 1 and depicted in Figure 1 (Attachment A).

Table 1. Nests Identified During Nest Surveys for the SERC Proposed Construction Parking and Laydown Area at Parcels A, B, and C

Nest Number	Common Name	Scientific Name	GPS Coordinates	Date Identified	Current Status	Location Description
1	House sparrow	*Passer domesticus*	33.8071774 -117.9888531	2/28/2020	Inactive	Inside cable pipe along underside of bottom wooden crossbeam on east side of utility pole (southwest of Parcel A)
2	House sparrow	*Passer domesticus*	33.8074930 -117.9888567	2/28/2020	Inactive	Inside wire insulator directly north of utility pole (southwest of Parcel A)
3	House sparrow	*Passer domesticus*	33.8073746 -117.9867486	2/28/2020	Feeding chicks	Inside wire insulator directly west of utility pole (southeast of Parcel C)
4	unknown	N/A	33.8070995 -117.9879882	3/10/2020	Removed	Inside the northwest corner of the Parcel B warehouse roof structure
5	unknown	N/A	33.8070937 -117.9882460	3/10/2020	Removed	Inside the northeast corner of the Parcel B warehouse roof structure
6	House Finch	*Haemorhous mexicanus*	33.8070995 -117.9879882	4/10/2020	Incubation	Beam ledge in underside of NW corner of Parcel B warehouse roof awning

The surveyed areas contained very few trees large enough to serve as suitable substrate for a raptor nest. There are transmission line towers within the survey area (south of Parcel C) that could support a raptor nest; however, no raptor nests were observed. No special status species were observed during the survey within the parcels or the 500-foot buffer.

Bird species observed during the survey 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 within Parcel A. Both house sparrow nests (Nests 1 and 2) previously observed on

February 28, 2020, were located southwest of the parcel in utility poles along Fern Avenue, and are considered inactive.

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. One active house finch nest was observed in Parcel B during the survey as described above (Nest 6).

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 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. A house sparrow nest, which was previously observed east of the parcel in a utility pole along the fenceline on February 28, 2020, was confirmed to still be active (Nest 3).

Table 2. Avian Species Observed During the April 10, 2020 Nest Survey for the SERC Proposed Construction Parking and Laydown Area at Parcels A, B, and C		
Common Name	**Scientific Name**	**Notes**
Black Phoebe	*Sayornis nigricans)*	One individual seen perched and flying through the survey area.
Bushtit	*Psaltriparus minimus*	Several individuals observed entering residential vegetation within the survey area.
Cassin's kingbird	*Tyrannus vociferans*	Numerous individuals observed perched on utility poles and wires throughout 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.
Hooded oriole	*Icterus cucullatus*	One individual observed entering residential vegetation within 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.
Mourning dove	*Zenaida macroura*	Numerous individuals observed perched within and flying through the survey area
Northern mockingbird	*Mimus polyglottos*	Numerous individuals observed perched within and flying through the survey area.
Rock pigeon	*Columba livia*	Numerous individuals observed perched along on utility poles and wires and flying through the survey area.

Attachment A
Survey Figures

LEGEND

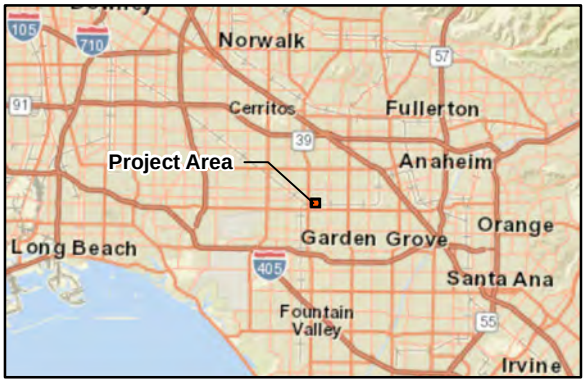
SERC Project Site

Proposed Construction Parking and Laydown Area

Nest Type

- Active Nest
- Inactive Nest
- Removed 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 Photos

Photo 1			
			
Location	SERC – Parcel A of the Proposed Construction Parking and Laydown Area	**Description**	View west of Parcel A with the access gate in the background.

Photo 2			
			
Location	SERC – Parcel B of the Proposed Construction Parking and Laydown Area	**Description**	View southeast of the Parcel B warehouse and the access driveway.

Photo 3			
			
Location	SERC – Parcel C of the Proposed Construction Parking and Laydown Area	**Description**	View west of Parcel C, consisting of a warehouse building and fenced parking area.
Photo 4			
			
Location	SERC – Proposed Construction Parking and Laydown Area	**Description**	Overview of Nest 6 (house finch) located on a beam ledge in underside of NW corner of warehouse roof awning (Parcel B), facing southwest.
Photo 5			

Location	SERC – Proposed Construction Parking and Laydown Area	**Description**	Closeup view of Nest 6 location in Parcel B. Nest material can be seen hanging from nest.

Photo 6

Location	SERC – Proposed Construction Parking and Laydown Area	**Description**	View north of Nest 3 (house sparrow) inside wire insulator directly west of utility pole located approximately 75 feet east of the southeast corner of Parcel C.

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Memorandum

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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	April 28, 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 completed on April 22, 2020, 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 immediately north of the SERC site within an industrial area in Stanton (see Photographs 1-3 in Attachment B).

Nesting bird surveys were previously conducted in the same survey area on February 28, 2020, March 10, 2020 and April 10, 2020. The April 22 survey is the fourth nesting bird survey conducted for the three parcels. This nesting bird survey 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. Survey History

Four active and two inactive nests were previously identified in the survey area. During the February 28, 2020 survey, three active house sparrows (*Passer domesticus*) nests were observed; two located approximately 195 feet and 90 feet southwest of Parcel A along Fern Avenue, respectively (Nests 1 and 2), and one located approximately 75 feet east of the southeast corner of Parcel C (Nest 3).

Two additional nests were observed on March 10, 2020 (Nest 4 and 5). Both nests were located in the roof overhang of the warehouse on Parcel B. As no activity was observed, these nests were considered inactive (unknown species). Both inactive nests were removed.

An active house finch (*Haemorhous mexicanus*) nest was observed during the April 10, 2020 survey (Nest 6). This nest was located on a beam ledge in the underside of the northwest corner of the warehouse awning in Parcel B, approximately 65 feet from the active SERC site.

3. Methods

The April 22, 2020 nest survey was completed by Cara Snellen, a biologist with Jacobs and approved biological monitor for SERC. The nest survey was conducted between 7:00 am and 11:00 am. Weather conditions were clear with temperatures around 59°F and light winds (1-2 mph N) at the beginning of the survey, and clear with temperatures around 71°F and light winds (2-3 mph N) at the end of the survey. The survey area received no precipitation in the 24 hours immediately preceding the survey (https://www.wunderground.com/history/daily/us/ca/stanton/KLGB).

4. Results

During the nesting bird survey, the biologist walked meandering transects throughout the three parcels, 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.

An active house sparrow nest (Nest 7) was observed in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse (see Figure 1 in Attachment A; Photograph 7 in Attachment B). Both male and female were observed entering the nest with food several times. The nest is high off the ground and partially concealed but the activity observed indicates that the nest is in the chick feeding stage. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

An active mourning dove (*Zenaida macroura*) nest (Nest 8) was observed on a beam ledge under the west edge of the north warehouse C awning (see Figure 1 in Attachment A; Photograph 6 in Attachment B). This nest is located approximately 75 feet north of Parcel B. An adult mourning dove was observed sitting low on the nest, indicating that the nest is in incubation stage. Mourning doves are native species protected under provisions of the Migratory Bird Treaty Act (MBTA). Natural visual barriers are present around the nest and SERC-related activity will be limited to foot traffic in front of the nest. In addition, the area is heavily used by the property owner. Therefore, a no-disturbance buffer was established approximately 10 feet in front of the nest and marked on the asphalt. In addition, an Environmentally Sensitive Area (ESA) sign was placed on the wall of the warehouse adjacent to the buffer.

An active Northern mockingbird (*Mimus polyglottos*) nest (Nest 9) was observed in an avocado tree located approximately 95 feet southwest of Parcel C (see Figure 1 in Attachment A; Photograph 8 in Attachment B). An adult Northern mockingbird was observed making several trips to the nest with nesting material. The nest, although partially concealed, appears to be nearly complete. As the second adult was not observed in the area, it is possible that it was sitting on the nest (i.e., incubation). Northern mockingbirds are native species protected under provisions of the Migratory Bird Treaty Act (MBTA). The nest is located outside of both Parcel C and the SERC site behind chain-link fencing of the adjacent property. As the nest will not be impacted by SERC activities, no buffer was established.

The house finch nest (Nest 6) under the warehouse awning in Parcel B is still active (see Figure 1 in Attachment A; Photographs 4-5 in Attachment B). This nest is high off the ground and partially concealed; however, based on movement of the adult female in and out of the nest, as well as vocalizations heard from the nest, it is presumed that the nest is the chick feeding stage. House finches are native species protected under provisions of the Migratory Bird Treaty Act (MBTA). Natural visual barriers are present around the nest and SERC-related activity will be limited to foot traffic in front of the nest and warehouse ingress/egress south of the nest. In addition, the area is heavily used by the property owner and boxes had recently been stacked under the awning. Therefore, a no-disturbance buffer was established approximately 10 feet in front of the nest and marked on the asphalt. In addition, an Environmentally Sensitive Area (ESA) sign was placed on the wall of the warehouse adjacent to the buffer.

The house sparrow nest (Nest 3) near the southeast corner of Parcel C is still active (see Figure 1 in Attachment A; Photograph 8 in Attachment B). This nest is high off the ground and partially concealed; however, a female was observed bringing food to the nest, indicating that the nest is the chick feeding stage. Both house sparrow nests previously identified along Fern Avenue (Nests 1 and 2) were declared inactive on April 10, 2020. No new activity was observed at either location.

Details regarding all nests identified within the survey area during the four surveys are presented in Table 1 and depicted in Figure 1 (Attachment A).

Table 1. Nests Identified During Nest Surveys for the SERC Proposed Construction Parking and Laydown Area at Parcels A, B, and C

Nest Number	Common Name	Scientific Name	GPS Coordinates	Date Identified	Current Status	Location Description
1	House sparrow	*Passer domesticus*	33.8071774 -117.9888531	2/28/2020	Inactive	Inside cable pipe along underside of bottom wooden crossbeam on east side of utility pole (southwest of Parcel A)
2	House sparrow	*Passer domesticus*	33.8074930 -117.9888567	2/28/2020	Inactive	Inside wire insulator directly north of utility pole (southwest of Parcel A)
3	House sparrow	*Passer domesticus*	33.8073746 -117.9867486	2/28/2020	Feeding chicks	Inside wire insulator directly west of utility pole (southeast of Parcel C)

Table 1. Nests Identified During Nest Surveys for the SERC Proposed Construction Parking and Laydown Area at Parcels A, B, and C

Nest Number	Common Name	Scientific Name	GPS Coordinates	Date Identified	Current Status	Location Description
4	unknown	N/A	33.8070995 -117.9879882	3/10/2020	Removed	Inside the northwest corner of the Parcel B warehouse roof structure
5	unknown	N/A	33.8070937 -117.9882460	3/10/2020	Removed	Inside the northeast corner of the Parcel B warehouse roof structure
6	House Finch	*Haemorhous mexicanus*	33.8070995 -117.9879882	4/10/2020	Feeding chicks	Beam ledge in underside of NW corner of Parcel B warehouse roof awning
7	House sparrow	*Passer domesticus*	33.8070556 -117.9881988	4/22/2020	Feeding chicks	North corner of the equipment door track enclosure on the west side of the Parcel B warehouse
8	Mourning dove	*Zenaida macroura*	33.8073184 -117.9881956	4/22/2020	Incubation	Beam ledge under the west edge of the north warehouse C awning (north of Parcel B)
9	Northern mockingbird	*Mimus polyglottos*	33.8073244 -117.9866508	4/22/2020	Nest Building/ Incubation	In avocado tree (southwest of Parcel C)

The surveyed areas contained very few trees large enough to serve as suitable substrate for a raptor nest. 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 Cooper's hawk (*Accipiter cooperii;* CDFW Watch List) was observed within the survey area. No other special status species were observed during the survey within the parcels or the 500-foot buffer.

Bird species observed during the survey 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 within Parcel A. Both house sparrow nests (Nests 1 and 2), originally identified southwest

of the parcel in utility poles along Fern Avenue during the first survey, were declared inactive on April 10, 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 (warehouse C) 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. An active house sparrow nest was observed in Parcel B during the survey as described above (Nest 7). In addition, the house finch nest previously observed under the warehouse B awning on April 10, 2020, was confirmed to still be active (Nest 6). An active mourning dove nest was observed under the awning of warehouse C, located north of Parcel B (Nest 8).

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 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. An active Northern mockingbird nest was observed in an avocado tree southeast of Parcel C (Nest 9). A house sparrow nest, which was previously observed east of the parcel in a utility pole along the fenceline on February 28, 2020, was confirmed to still be active (Nest 3).

Table 2. Avian Species Observed During the April 22, 2020 Nest Survey for the SERC Proposed Construction Parking and Laydown Area at Parcels A, B, and C

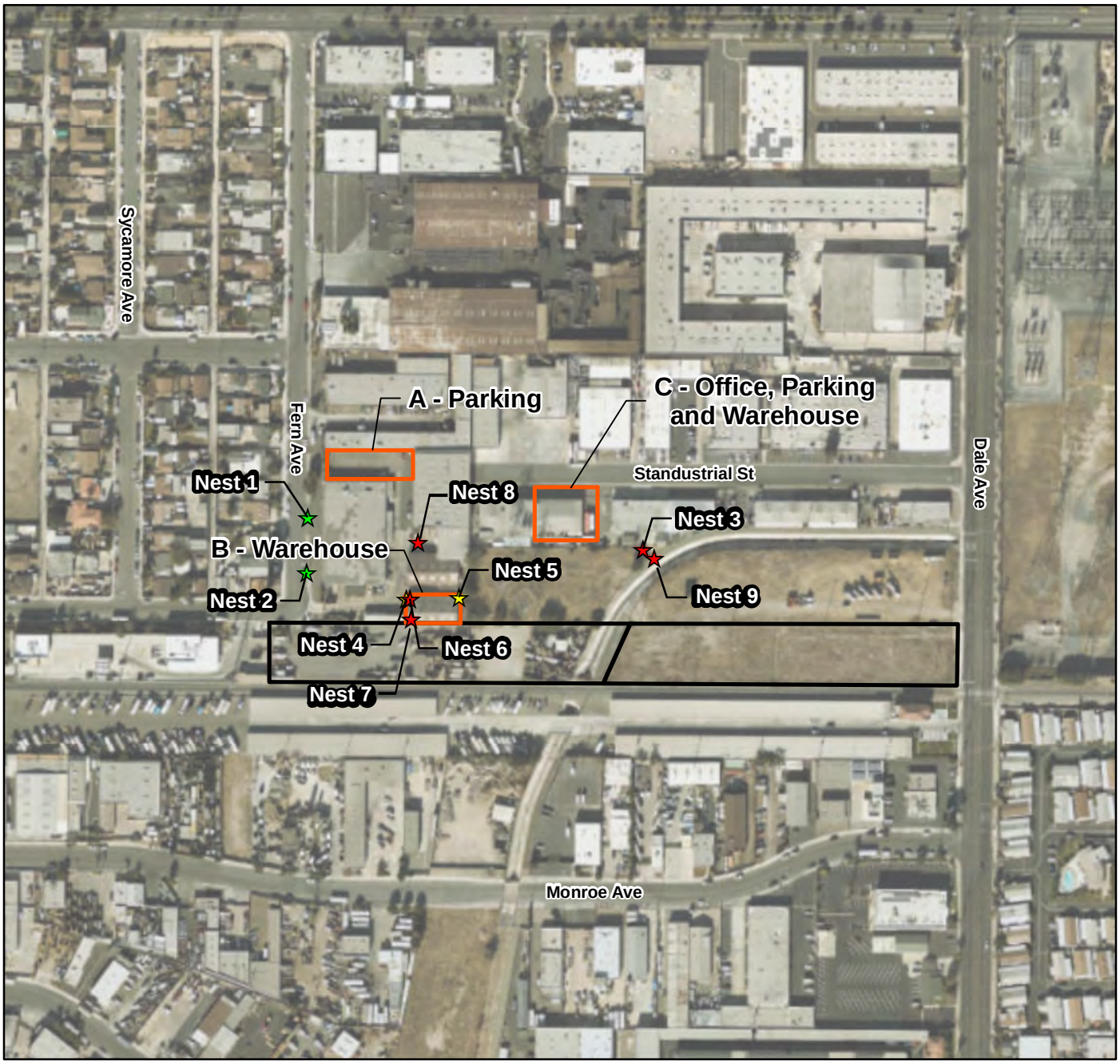
Common Name	Scientific Name	Notes
American crow	*Corvus brachyrhynchos*	Two individuals observed flying through the 500-foot buffer.
Black Phoebe	*Sayornis nigricans)*	One individual heard calling in the survey area.
Cassin's kingbird	*Tyrannus vociferans*	Numerous individuals observed perched on utility poles and wires throughout the survey area.
Cooper's hawk*	*Accipiter cooperii*	One individual observed flying through the 500-foot buffer.
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.

Table 2. Avian Species Observed During the April 22, 2020 Nest Survey for the SERC Proposed Construction Parking and Laydown Area at Parcels A, B, and C

Common Name	Scientific Name	Notes
House finch	*Haemorhous mexicanus*	Numerous individuals observed perched within and flying through the survey area. One pair nesting in the Parcel B warehouse.
House sparrow	*Passer domesticus*	Numerous individuals observed perched within and flying through the survey area. One pair nesting in the Parcel B warehouse. One pair nesting on utility pole component within the 500-foot buffer.
Killdeer	*Charadrius vociferus*	Numerous individuals heard calling in the survey area.
Lesser goldfinch	*Spinus psaltria*	Numerous individuals observed flying through the survey area.
Mourning dove	*Zenaida macroura*	Numerous individuals observed perched within and flying through the survey area. One pair nesting in the Parcel B warehouse.
Northern mockingbird	*Mimus polyglottos*	Two individuals observed flying through the 500-foot buffer. One pair nesting in a tree within the 500-foot buffer.
Red-masked parakeet	*Aratinga erythrogenys*	Four individuals observed flying through the survey area
Rock pigeon	*Columba livia*	Numerous individuals observed perched along on utility poles and wires and flying through the survey area.
Yellow-rumped warbler	*Setophaga coronata*	One individual observed in vegetation within the 500-foot buffer.
Western gull	*Larus occidentalis*	Numerous individuals observed flying through the survey area.

* California Department of Fish and Wildlife (CDFW) Watch List species

Attachment A
Survey Figures



LEGEND

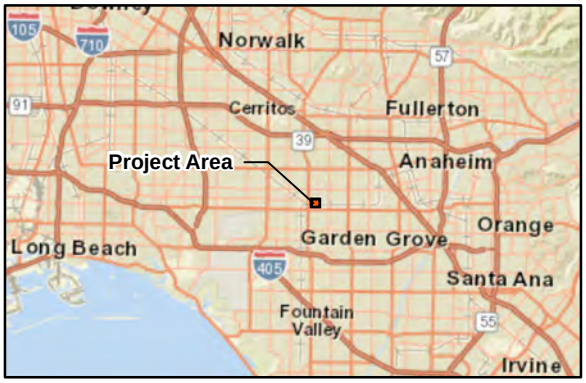
SERC Project Site

Proposed Construction Parking and Laydown Area

Nest Type

- Active Nest
- Inactive Nest
- Removed 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 Photos

Photo 1			
			
Location	SERC – Parcel A of the Proposed Construction Parking and Laydown Area	**Description**	View west of Parcel A with the open access gate in the background.

Photo 2			
			
Location	SERC – Parcel B of the Proposed Construction Parking and Laydown Area	**Description**	View south of the Parcel B warehouse and the access driveway.

Photo 3

Location	SERC – Parcel C of the Proposed Construction Parking and Laydown Area	**Description**	View west of Parcel C, consisting of a warehouse building and fenced parking area.

Photo 4

Location	SERC – Proposed Construction Parking and Laydown Area	**Description**	No-disturbance buffer for Nest 6 (house finch) located on a beam ledge in underside of NW corner of warehouse roof awning (Parcel B), facing southeast.

Photo 5			
			
Location	SERC – Proposed Construction Parking and Laydown Area	**Description**	Overview of Nest 6 location in Parcel B, facing southeast.

Photo 6			
			
Location	SERC – Proposed Construction Parking and Laydown Area	**Description**	No-disturbance buffer for Nest 8 (mourning dove) located on a beam ledge under west edge of warehouse roof awning located approximately 75 feet north of Parcel B, facing northeast.

Photo 7

Location	SERC – Proposed Construction Parking and Laydown Area	**Description**	Closeup of Nest 7 (house sparrow) location inside door track enclosure of Parcel B warehouse, facing southeast.

Photo 8

Location	SERC – Proposed Construction Parking and Laydown Area	**Description**	View northwest of Nest 3 (house sparrow; top) and Nest 9 (Northern mockingbird; bottom) located east and southeast of Parcel C, respectively.

From:	Heiser, John@Energy
To:	Edens, Ava/SCO; Valand, Andrew@Wildlife; Christine_Medak@fws.gov
Cc:	Tim Bofman; Parker, Karen/SAC; Davy, Doug/SAC
Subject:	[EXTERNAL] Re: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)
Date:	Monday, April 13, 2020 8:10:58 PM

Good evening Ava, thank you for sending in the Wildlife observation report for SERC. Have forwarded the report to CEC Bio staff for review.

Cheers!

John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Monday, April 13, 2020 4:08 PM
To: Heiser, John@Energy <john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov <Christine_Medak@fws.gov>
Cc: Tim Bofman <tbofman@wellhead.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>
Subject: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)

Dear John,

An active mourning dove (*Zenaida macroura*) nest was identified in the eastern parcel of the Stanton Energy Reliability Center (SERC). The nest is located at approximately 33.8067461 latitude and -117.9852721 longitude. The nest is on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2, approximately 10 feet above the ground (see attached). A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage. In general, the buffer size is 25 feet; however, the size and shape was adjusted to accommodate/utilize the surrounding infrastructure and account for the existing visual barriers present at the nest site. See photographs in the attached Wildlife Observation Form.

Per Condition of Certification BIO-8, the nest will be monitored by the on-site biological monitor for any signs of distress while the nest is active. If activities, such as testing, are required at the air compressor and within the no-disturbance buffer a biological monitor will be present. If signs of disturbance or distress are observed I will reach out to you immediately so that adaptive measures to reduce disturbance can be implemented immediately.

Please let me know if you have any questions or concerns.

Thank you,
Ava

Ava Edens | Jacobs | SERC Designated Biologist | 949.404.2046 desk | 949.466.5178 mobile | Ava.Edens@jacobs.com | www.jacobs.com

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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
April 13, 2020	Cara Snellen	Jacobs

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

Active mourning dove nest under air compressor awning (beam ledge of southeast awning corner) between Units 1 and 2 in SERC Eastern Parcel, approximately 10 feet above ground. Coordinates: 33.8067461, -117.9852721.

Wildlife Species Name	Condition of Wildlife (alive/dead, size, age, weight, etc.)
Mourning dove (*Zenaida macroura*)	Live

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

N/A

Current Location of Animal

Stanton Energy Reliability Center (SERC)

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

Yes		No	X	N/A	

If Yes, Explain

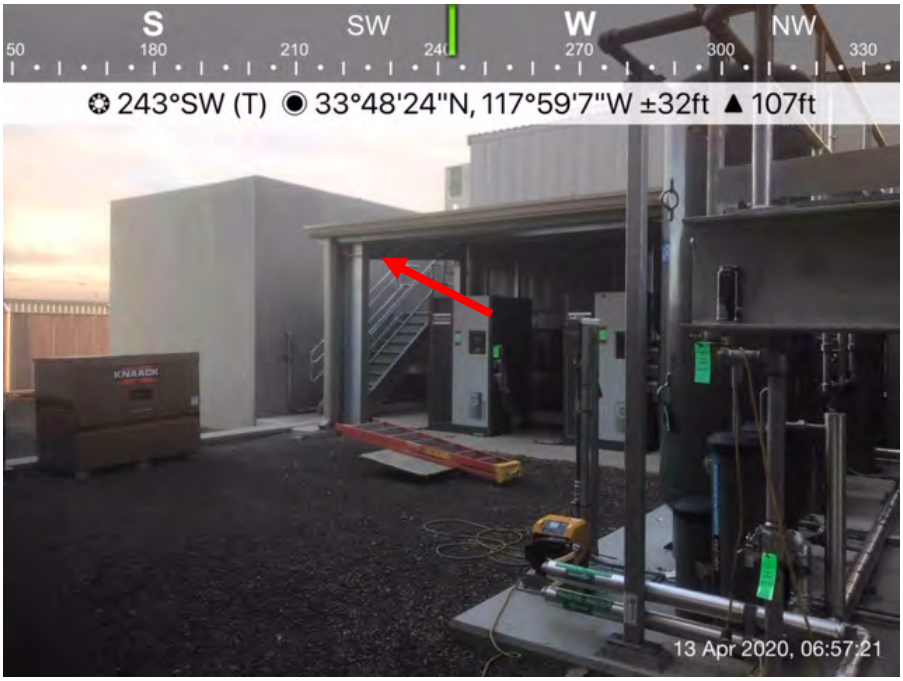
Additional Comments

Biologist was notified by email on Sunday (April 12, 2020) of an egg observed on the beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the SERC Eastern Parcel, approximately 10 feet above the ground. The biologist inspected the location and confirmed the presence of an egg surrounded by nesting material. A pair of adult mourning doves was perched on the roof of the adjacent equipment room but flew away. The biologist began monitoring the nest to confirm that the observed pair was incubating the egg. After approximately 30 minutes, the pair returned to the area and were observed entering/exiting the nest site, scavenging on the ground below, and perching on the adjacent walls/infrastructure. A buffer was established to protect the nest from disturbance. In general, the buffer size is 25 feet; however, the size and shape was adjusted to accommodate/utilize the surrounding infrastructure and account for the existing visual barriers present at the nest site.

Photo 1

Location	SERC – Eastern Parcel	**Description**	Egg observed on the beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the SERC Eastern Parcel, approximately 10 feet above the ground. No nesting material was present at time of initial observation.

Photo 2



Location	SERC – Eastern Parcel	**Description**	Overview of nest site located under the southeast corner of the air compressor awning between Units 1 and 2 in the SERC Eastern Parcel, approximately 10 feet above the ground.

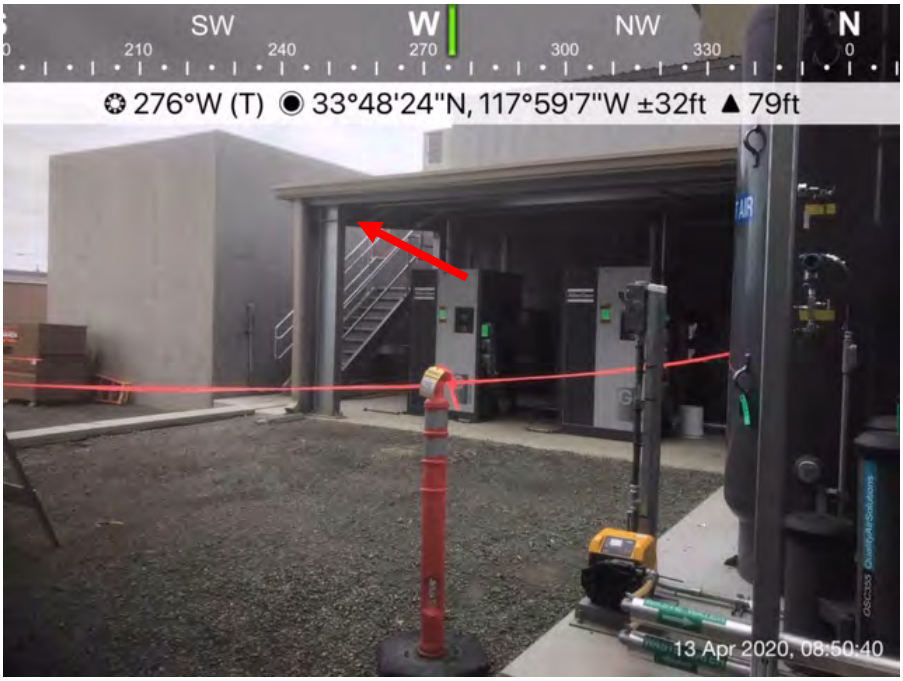
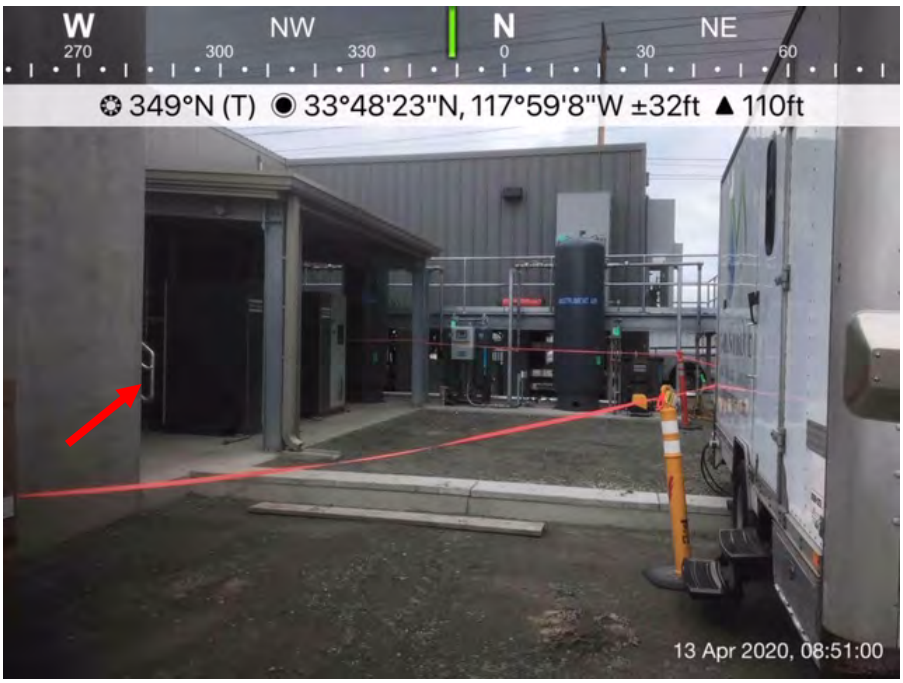
Photo 3			
			
Location	SERC – Eastern Parcel	**Description**	A buffer was established to protect the nest from disturbance. In general, the buffer size is 25 feet; however, the size and shape was adjusted to accommodate/utilize the surrounding infrastructure and account for the existing visual buffers present at the nest site.
Photo 4			
			
Location	SERC – Eastern Parcel	**Description**	View of the buffer from south of the nest site. The stairs located south of the awning/nest site were blocked off as part of the buffer to prevent ingress/egress.

Figure 1. Google Earth image of SERC mourning dove nest location (indicated by yellow pin) and surrounding buffer (indicated in red). The nest is located on the beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the SERC Eastern Parcel, approximately 10 feet above the ground. The beam structure and overhead awning provide a visual buffer. In addition, the area is closely surrounded by buildings, walls, and other SERC infrastructure, effectively screening the nest from Project noise and activity (although not shown in Google Earth image). Coordinates: 33.8067461, -117.9852721.

From:	Heiser, John@Energy
To:	Edens, Ava/SCO; Valand, Andrew@Wildlife; Christine_Medak@fws.gov
Cc:	Tim Bofman; Davy, Doug/SAC; Parker, Karen/SAC
Subject:	[EXTERNAL] Re: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)
Date:	Tuesday, April 28, 2020 9:16:04 AM

Hello Ava, thank you for senidng in the observation report. HAve forwarded to CEC Bio staff for review.

John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Tuesday, April 28, 2020 9:11 AM
To: Heiser, John@Energy <john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov <Christine_Medak@fws.gov>
Cc: Tim Bofman <tbofman@wellhead.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)

Dear John,

An active mourning dove (*Zenaida macroura*) nest was identified in the eastern parcel of the Stanton Energy Reliability Center (SERC) yesterday, April 27, 2020. The nest is located at approximately 33.806427 latitude and -117.9865712 longitude. The nest is on an overhead wire rack, approximately 20 feet above the ground. The rack is located at the intersection of the two access roads on the eastern parcel and contains energized high voltage lines.

Existing visual barriers present at the nest site make the nest difficult to see except for from the base of the rack. Regular project traffic occurs daily on the adjacent access roads to the north and east of the nest, however no construction activities are anticipated at the nest location. A no-disturbance buffer zone has been established around the four vertical posts at the base of the rack with flagging and signage. See photographs in the attached Wildlife Observation Form.

Per Condition of Certification BIO-8, the nest will be monitored by the on-site biological monitor for any signs of distress while the nest is active. If signs of disturbance or distress are observed adaptive measures to reduce disturbance shall be implemented immediately.

Please let me know if you have any questions or concerns.

Thank you,
Ava

Ava Edens | Jacobs | SERC Designated Biologist | 949.404.2046 desk | 949.466.5178 mobile | Ava.Edens@jacobs.com | www.jacobs.com

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
4/27/2020 @ 1000 hrs	Cara Snellen	Jacobs

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

Overhead wire rack just east of the GSU in the East parcel. Coordinates: 33.806427, -117.9865712.

Wildlife Species Name	Condition of Wildlife (alive/dead, size, age, weight, etc.)
Mourning dove (*Zenaida macroura*) nest	Alive (adult on nest)

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

N/A

Current Location of Animal

Crew notified biologist of an active mourning dove nest located on a metal plate, approximately 20 feet above the ground, that connects a vertical beam to the overhead wire rack just east of the GSU in the East parcel. An adult was observed sitting low on the nest in incubation position.

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 nest location is approximately 20 feet above the ground and is partially concealed by the post and surrounding overhead rack infrastructure. No work will be conducted near the nest as the area is energized. Ongoing work activities in the surrounding area included gravel compaction of the north access road; ammonia tank fill; dust abatement. A no-disturbance buffer was established around the four vertical beams below the nest (approximately 4x4 feet); the nest is at the southeast vertical beam.

Photo 1			
			
Location	SERC – Eastern Parcel	**Description**	Overhead view of mourning dove nest location on metal plate approximately 20 feet above ground.
Photo 2			
			
Location	SERC – Eastern Parcel	**Description**	Overview of active mourning dove nest located on a metal plate that connects a vertical beam to the overhead wire rack just east of the GSU in the East parcel, facing southwest. A no-disturbance buffer was established below the nest within flagging and signs (approximately 4x4 feet). The nest is approximately 20 feet above ground at the southeast vertical beam.

Appendix B
Biological Resources Compliance Monitoring Logs

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 3, 2020	Cara Snellen	1000-1200

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64-70	2-10	0.0 in.	Good (10 mi.)	Partly cloudy

Location(s) of Work Site Activities Monitored

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

SERC Site:

Western Parcel – Activities included asphalt removal; excavation for infrastructure foundations; movement of equipment/materials.

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

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

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

Gas Pipeline – Activities included concrete pouring 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 is inactive (unoccupied and empty). No doves or egg observed in the vicinity. 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*), lesser goldfinch (*Spinus psaltria*), killdeer (*Charadrius vociferus*)

Photo 1

Location	SERC – Eastern Parcel	Description	Above-ground infrastructure construction activities in the East parcel, facing northwest.

Photo 2

Location	SERC – Western Parcel	Description	Excavation and below-ground infrastructure construction in the West parcel, facing southeast.

Photo 3

Location	SERC – Western Parcel	Description	Asphalt removal and prep for removal offsite in West parcel, facing southeast.

Photo 4

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

Photo 5

Location	SERC Eastern Laydown (SCE East Parcel)	**Description**	Material delivery and movement in Eastern laydown, facing west.

Photo 6

Location	SERC Gas pipeline at Dale Avenue entrance	**Description**	Concrete pumping in the gas pipeline work area near the Dale Avenue entrance, facing east.

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)
April 8, 2020	Cara Snellen	1000-1200

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
58-65	3-5	0.72 in. (24 hrs)	Good (10 mi.)	Partly cloudy

Location(s) of Work Site Activities Monitored

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

SERC Site:

Western Parcel – Activities included excavation for infrastructure foundations (stopped at 1000); misc. underground pipe work; movement of equipment/materials.

Eastern Parcel – Ongoing activities related to above-ground infrastructure construction; systems testing; electrical work; movement of equipment/materials; gravel delivery and contouring; dirt movement.

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

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

Gas Pipeline – Activities included trench work 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:

- None

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 (*Streptopelia decaocto*), 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*), killdeer (*Charadrius vociferus*)

Photo 1

Location	SERC – Eastern Parcel	Description	Dirt/gravel contouring and electrical work in East parcel, facing northwest.

Photo 2

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

Photo 3

Location	SERC – Western Parcel	**Description**	Excavation for below ground infrastructure in West parcel, facing southwest. Activities halted approximately 1000.

Photo 4

Location	SERC – Western Parcel	**Description**	Below ground pipework in West parcel, facing southeast.

Photo 5

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

Photo 6

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

Photo 7

Location	SERC Gas pipeline at Dale Avenue entrance	**Description**	Trenching in the gas pipeline work area near the Dale Avenue entrance, facing east.

Photo 8

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

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 10, 2020	Cara Snellen	1000-1200

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
58-60	10-12	1.1 in. (24 hrs)	Good (10 mi.)	Light rain 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 misc. underground pipe work; preparation of pipe materials; movement of equipment/materials. No excavation completed for 4/10/2020.

Eastern Parcel – Ongoing activities related to above-ground infrastructure construction; clean-up.

Western Laydown (SCE West parcel) – Activities included parking; storage of equipment/materials; clean-up.

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

Gas Pipeline – No work activities for gas pipeline 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:

- None

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 (*Streptopelia decaocto*), 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*), killdeer (*Charadrius vociferus*), lesser goldfinch (*Spinus psaltria*), black phoebe (*Sayornis nigricans*), Western gull (*Larus occidentalis*)

Photo 1

Location	SERC – Eastern Parcel	**Description**	Foundation construction activities in East parcel near gas pipeline along Dale Avenue, facing southeast.

Photo 2

Location	SERC – Eastern Parcel	**Description**	Overview of East parcel, facing east.

Photo 3

Location	SERC – Western Parcel	**Description**	Storage and preparation of pipe materials for below-ground infrastructure in West parcel, facing east.

Photo 4

Location	SERC – Western Parcel	**Description**	Below ground pipework in West parcel, facing southeast.

Photo 5

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

Photo 6

Location	SERC Eastern Laydown (SCE East Parcel)	**Description**	Overview of construction activities in Eastern laydown, facing east.

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)
April 13, 2020	Cara Snellen	0630-1005

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
58-66	0-5	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 movement of equipment/materials. No excavation was occurring (or planned for the rest of the day).

Eastern Parcel – Ongoing activities related to above-ground infrastructure construction; installation of south fence; electrical work, systems testing; dirt movement/contouring; movement of materials/equipment.

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.

Gas Pipeline – Ongoing activities included dirt movement/contouring; clean-up.

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:

- An active mourning dove (*Zenaida macroura*) nest was identified on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground (see Wildlife Observation Form; photo 1). A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- A mourning dove nest was identified on pipes inside the Unit 2 building in the Eastern Parcel, approximately 8 feet above ground (see photo 2). A mourning dove flushed from the nest during construction activities. The biologist was notified at 0745 and checked the nest using a ladder. The nest consisted of twigs but no eggs were present (i.e., nest not yet active). Biologist supervised removal of nest material by crew member.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

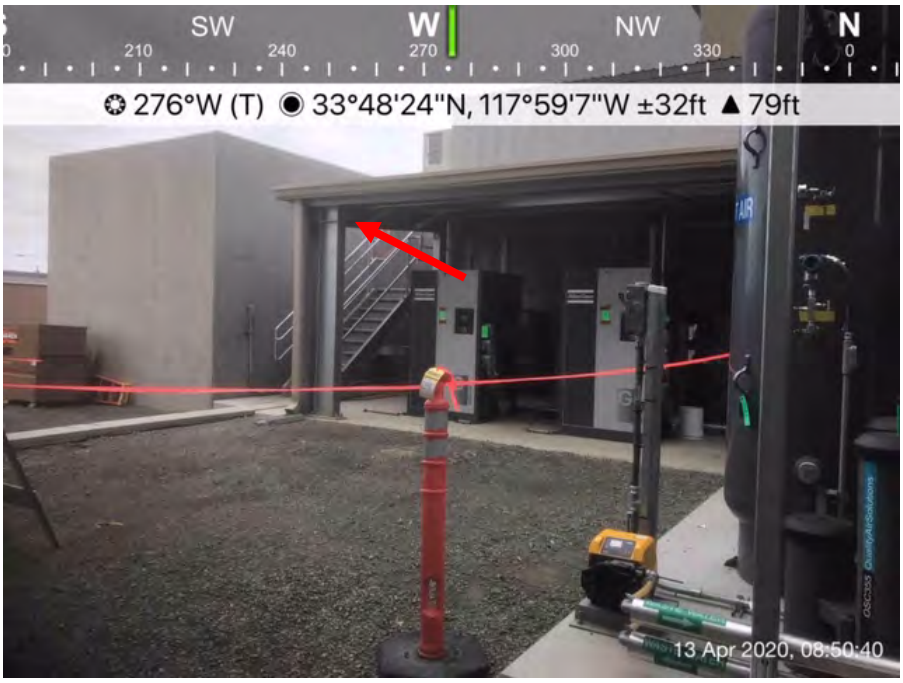
Items Requiring Action/Follow-up

- Notification of active nest per BIO-8

Wildlife Species Observed:

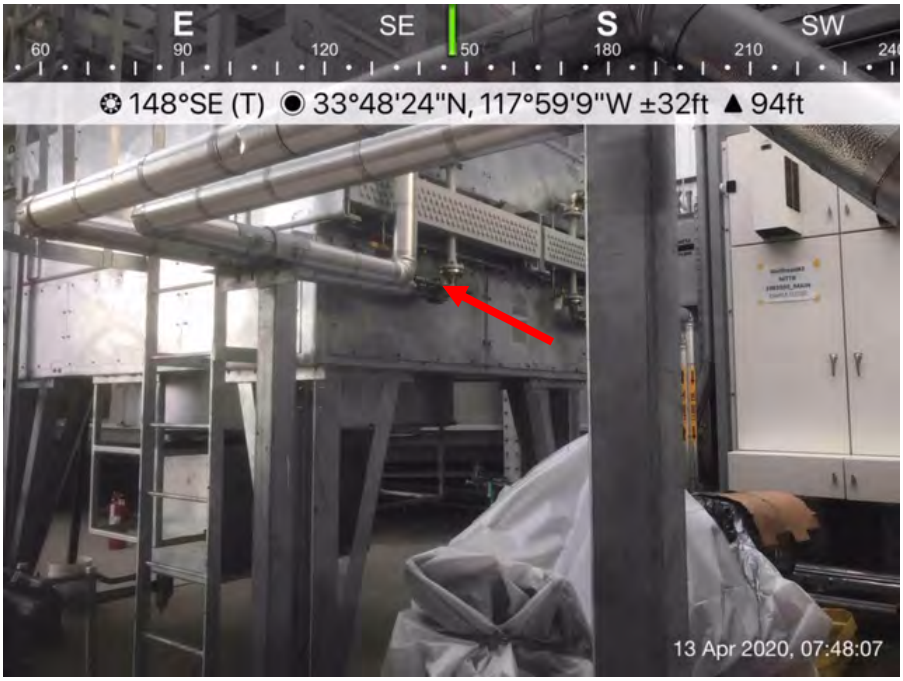
Birds: mourning dove, Eurasian collared dove (*Streptopelia decaocto*), house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), American crow (*Corvus brachyrhynchos*), killdeer (*Charadrius vociferus*), lesser goldfinch (*Spinus psaltria*), Western gull (*Larus occidentalis*), barn swallow (*Hirundo rustica*), American kestrel (*Falco sparverius*)

Photo 1



Location	SERC – Eastern Parcel	**Description**	Location of mourning dove nest identified on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest.

Photo 2

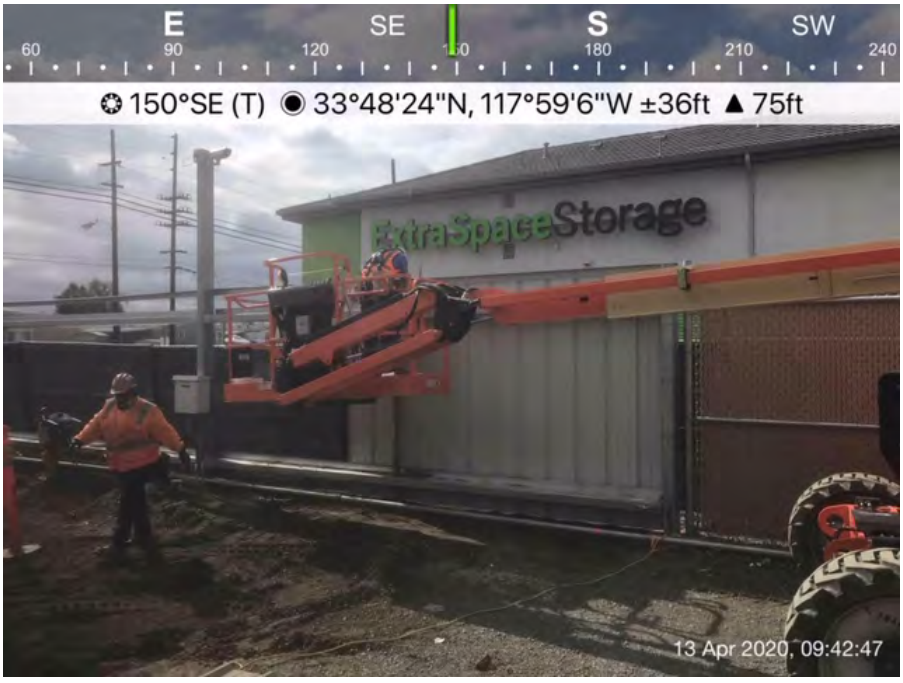


Location	SERC – Eastern Parcel	**Description**	Location of mourning dove nest start identified on pipes inside the Unit 2 building in the Eastern Parcel, approximately 8 feet above ground. No eggs were present and biologist supervised removal of nest material by crew member.

Photo 3

Location	SERC – Eastern Parcel	**Description**	Removal of scaffolding as part of ongoing above-ground infrastructure construction activities in the Eastern parcel, facing southwest.

Photo 4



Location	SERC – Eastern Parcel	**Description**	Installation of south fence in the Eastern parcel, facing southeast.

Photo 5

Location	SERC – Western Parcel	**Description**	Overview of excavation area in the Western parcel, facing southwest.

Photo 6

Location	Gas pipeline at Dale Avenue entrance (Eastern Parcel)	**Description**	Construction activities in vicinity of the gas pipeline, facing east.

Photo 7

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

Photo 8

Location	SERC Eastern Laydown (SCE East Parcel)	**Description**	Overview of construction activities in the Eastern laydown, facing northwest.

Photo 9

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)
April 14, 2020	Cara Snellen	0900-1000

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
60-61	3-5	0.0 in.	Good (10 mi.)	Clear/sunny

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffer in SERC Eastern Parcel. The active mourning dove (*Zenaida macroura*) nest is located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.

SERC Site:

Eastern Parcel – Ongoing activities included ingress/egress around the buffer and into the surrounding infrastructure; construction in Unit 2; movement of materials/equipment.

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:

- An adult mourning dove was observed sitting on the nest in incubation position and remained there for the entire observation period. A second adult was perched on the wall adjacent to the nest site. The second adult then entered the nest site briefly before flying away. The adult returned to the nest site several times with nesting material. The adult was observed collecting the nest material (small twigs) on the ground within the Eastern Parcel, including inside the no-disturbance buffer, and the Eastern Laydown. The adults were not disturbed by the presence of the biologist or by the nearby construction activities.

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.

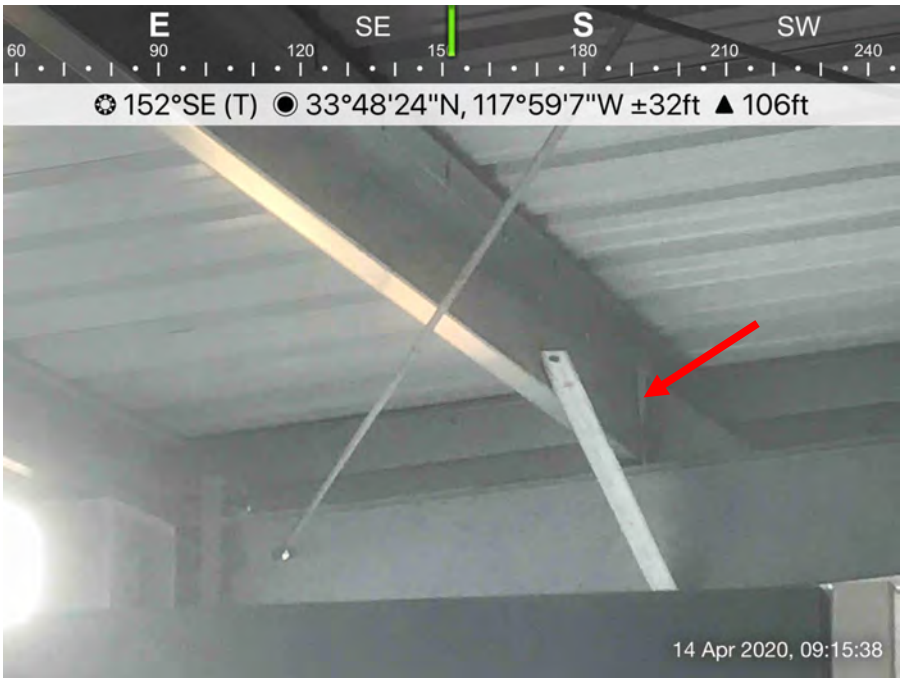
Wildlife Species Observed:

Birds: mourning dove, Eurasian collared dove (*Streptopelia decaocto*), house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), European starling (*Sturnus vulgaris*), killdeer (*Charadrius vociferus*), lesser goldfinch (*Spinus psaltria*)

Photo 1

Location	SERC – Eastern Parcel	**Description**	Overview of mourning dove nest location in the air compressor awning within the Eastern Parcel and the associated no-disturbance buffer, facing southwest.

Photo 2

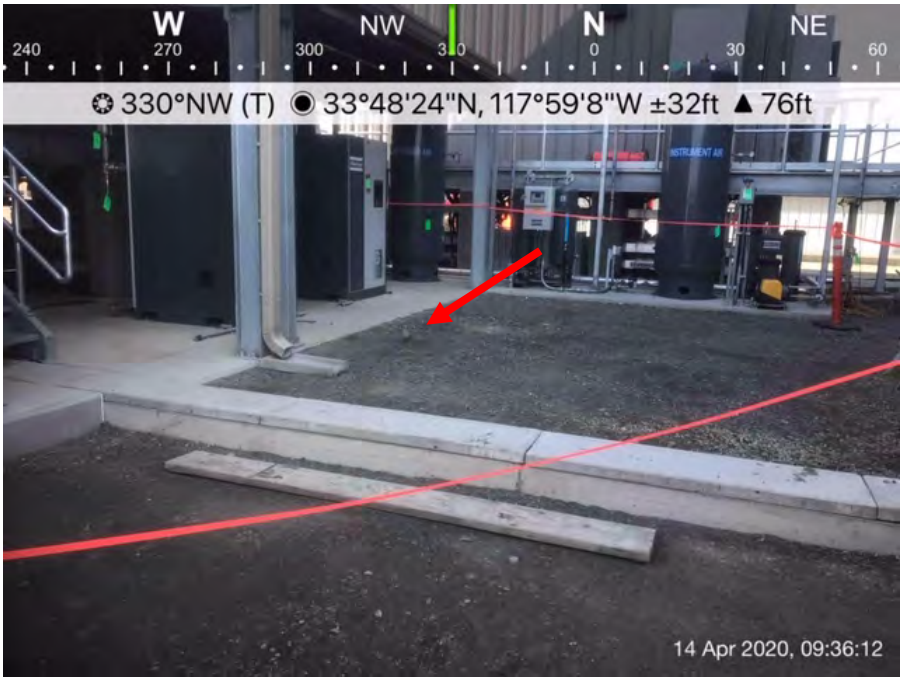


Location	SERC – Eastern Parcel	**Description**	Adult mourning dove sitting low on the nest in incubation period, facing southeast.

Photo 3

Location	SERC – Eastern Parcel	**Description**	Adult mourning dove searching for nest material along the Eastern parcel access road that runs along the southern fenceline, facing west.

Photo 4



Location	SERC – Eastern Parcel	**Description**	Adult mourning dove searching for nest material on the ground inside the no-disturbance buffer, facing northwest.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 15, 2020	Cara Snellen	1050-1200

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

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffer in SERC Eastern Parcel. The active mourning dove (*Zenaida macroura*) nest is located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.

Checked for potential bird/wildlife/Project interactions and compliance with COCs in the SCE East Laydown yard following report of dead wildlife (see Wildlife Observation Report).

SERC Site:

Eastern Parcel – Ongoing activities included ingress/egress around the buffer and into the surrounding infrastructure; construction in Unit 2; movement of materials/equipment.

East Laydown – Ongoing activities included movement and storage of materials/equipment; 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:

- An adult mourning dove was observed sitting on the nest in incubation position during each nest checks while the biologist was onsite. No other mourning doves were observed in the immediate area. The nesting adult was not disturbed by the presence of the biologist or by the nearby construction activities (photos 1-3).

Other Biological Resources Observations:

- Crews observed two deceased kittens (domestic cat; *Felis catus*) in the SCE East Laydown yard following movement of stored construction materials. The kittens were under the raised pallet of materials that was stored along the silt fence near the north boundary of the yard. The kittens were removed and disposed offsite. No other kittens or adult cats were observed in the area. Coordinates: 33.8072222, -117.9858333 (photos 4-5; see Wildlife Observation Report).

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: mourning dove, Eurasian collared dove (*Streptopelia decaocto*), 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*)

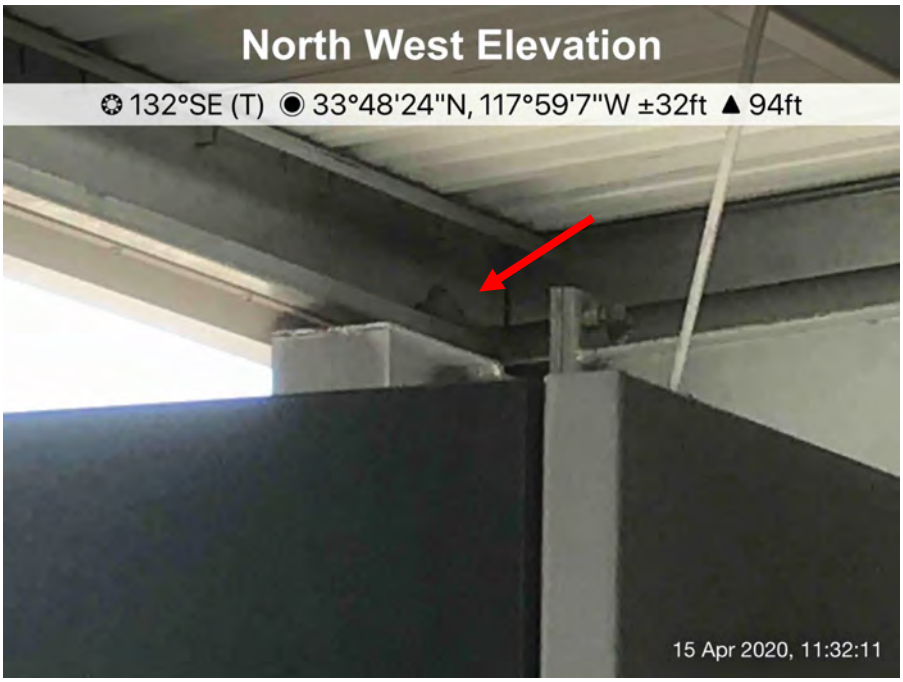
Mammals: domestic cat

Reptiles: Western fence lizard (*Sceloporus occidentalis*)

Photo 1

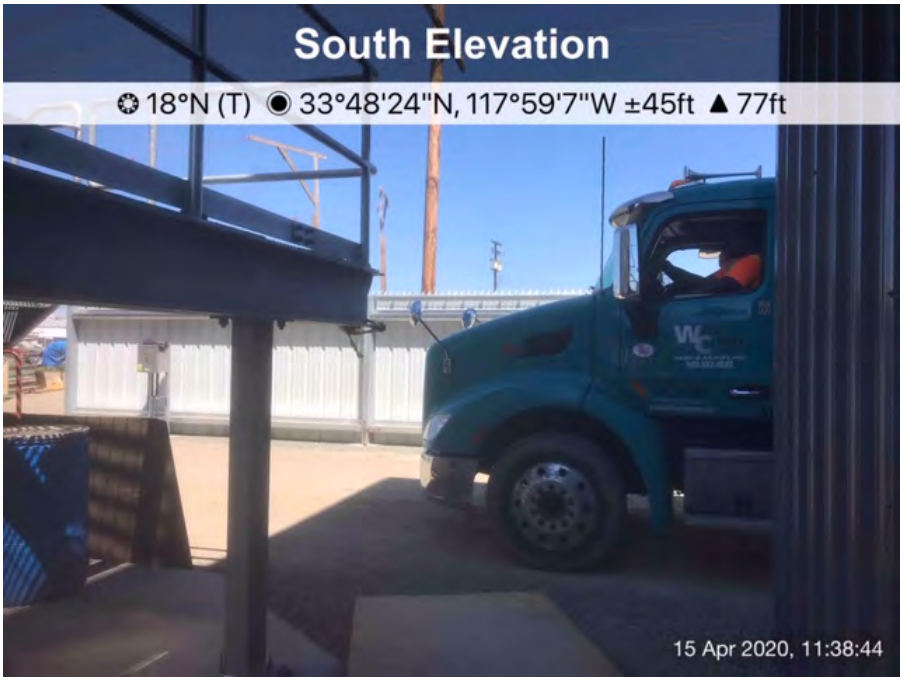
Location	SERC – Eastern Parcel	Description	Overview of mourning dove nest location in the air compressor awning within the Eastern Parcel and the associated no-disturbance buffer, facing southwest.

Photo 2



Location	SERC – Eastern Parcel	Description	Adult mourning dove sitting low on the nest in incubation period, facing southeast.

Photo 3



Location	SERC – Eastern Parcel	**Description**	A gravel delivery truck traveling along the north access road approximately 60 feet north of the nest, facing north. Ongoing activities in the vicinity of the nest included ingress/egress around the buffer and into the surrounding infrastructure; construction in Unit 2; movement of materials/equipment.

Photo 4

Location	SERC – East Laydown Yard	**Description**	Two deceased kittens observed following movement of stored construction materials, facing northwest.

Photo 5

Location	SERC – East Laydown Yard	**Description**	The deceased kittens were found under a raised pallet of materials (now moved) that was stored along the silt fence near the north boundary of the yard, facing north.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 16, 2020	Cara Snellen	1000-1200

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
68-70	3-7	0.0 in.	Good (10 mi.)	Clear and sunny

Location(s) of Work Site Activities Monitored

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

SERC Site:

Western Parcel – Activities included excavation and shoring install for below-ground infrastructure construction; pipework; movement of materials/equipment.

Eastern Parcel – Ongoing activities related to above-ground infrastructure construction; installation of east fence; concrete work for Dale Avenue entrance driveway; systems testing; dirt movement/contouring; movement of materials/equipment.

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

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

Gas Pipeline – Ongoing activities included dirt movement/contouring; clean-up.

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:

- An adult mourning dove (*Zenaida macroura*) was observed sitting low in incubation position on the nest originally identified on April 10, 2020 (see photo 9). The nest is located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. Ongoing activities occurring in the vicinity of the no-disturbance buffer zone included ingress/egress around the buffer and into the surrounding infrastructure; construction in Unit 2; and movement of materials/equipment. The adult was not disturbed by the presence of the biologist or the nearby construction activities.

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: mourning dove, Eurasian collared dove (*Streptopelia decaocto*), 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*), killdeer (*Charadrius vociferus*), lesser goldfinch (*Spinus psaltria*), barn swallow (*Hirundo rustica*), red-tailed hawk (*Buteo jamaicensis*)

Photo 1

Location	SERC – Eastern Parcel	**Description**	Concrete work as part of Dale Avenue entrance construction in the Eastern parcel, facing east.

Photo 2

Location	SERC – Eastern Parcel	**Description**	Construction activities for the overhead pipe/cable racks near the west end of the Eastern parcel, facing south.

Photo 3

Location	SERC – Western Parcel	**Description**	Excavation and shoring installation at the former asphalt parking lot of the Western parcel, facing west.

Photo 4

Location	SERC – Western Parcel	**Description**	Below-ground pipe work in the Western parcel, facing northeast.

Photo 5

Location	SERC Western Laydown (SCE West Parcel)	**Description**	Movement of materials in the Western laydown, facing north.

Photo 6

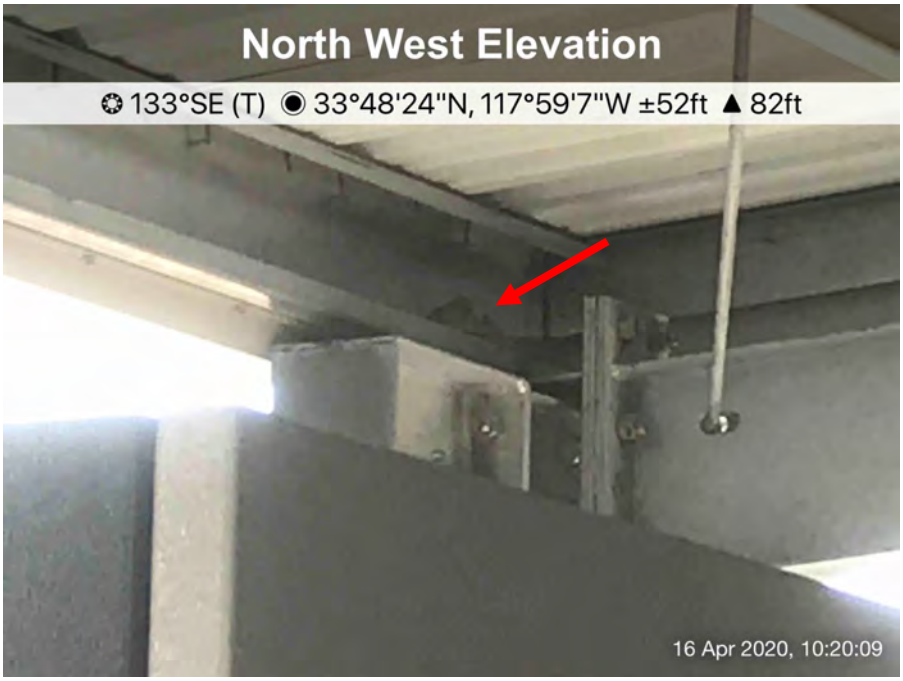
Location	SERC Eastern Laydown (SCE East Parcel)	**Description**	Movement of materials in the Eastern laydown, facing west.

Photo 7

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

Photo 8

Location	Gas pipeline at Dale Avenue entrance (Eastern Parcel)	**Description**	Dirt movement/contouring and clean-up activities around the gas pipeline, facing north.

Photo 9			
			
Location	SERC – Eastern Parcel	**Description**	Adult mourning dove on known nest located under air compressor awning in the Eastern parcel, facing southeast.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 17, 2020	Cara Snellen	0915-1020

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
62-64	1-5	0.0 in.	Good (10 mi.)	Cloudy

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffer in SERC Eastern Parcel. The active mourning dove (*Zenaida macroura*) nest is located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.

SERC Site:

Eastern Parcel – Ongoing activities included ingress/egress around the buffer and into the surrounding infrastructure; construction in Unit 1; systems testing; movement of materials/equipment.

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:

- An adult mourning dove was observed sitting on the nest in incubation position during the entire monitoring period. A second adult was observed perched on the top of the Unit 1 wall and scavenging on the ground in the Eastern Laydown yard. Neither adult was disturbed by the presence of the biologist or by the nearby construction activities.

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: mourning dove, Eurasian collared dove (*Streptopelia decaocto*), house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), house finch (*Haemorhous mexicanus*), red-tailed hawk (*Buteo jamaicensis*), lesser goldfinch (*Spinus psaltria*), American kestrel (*Falco sparverius*), barn swallow (*Hirundo rustica*), turkey vulture (*Cathartes aura*)

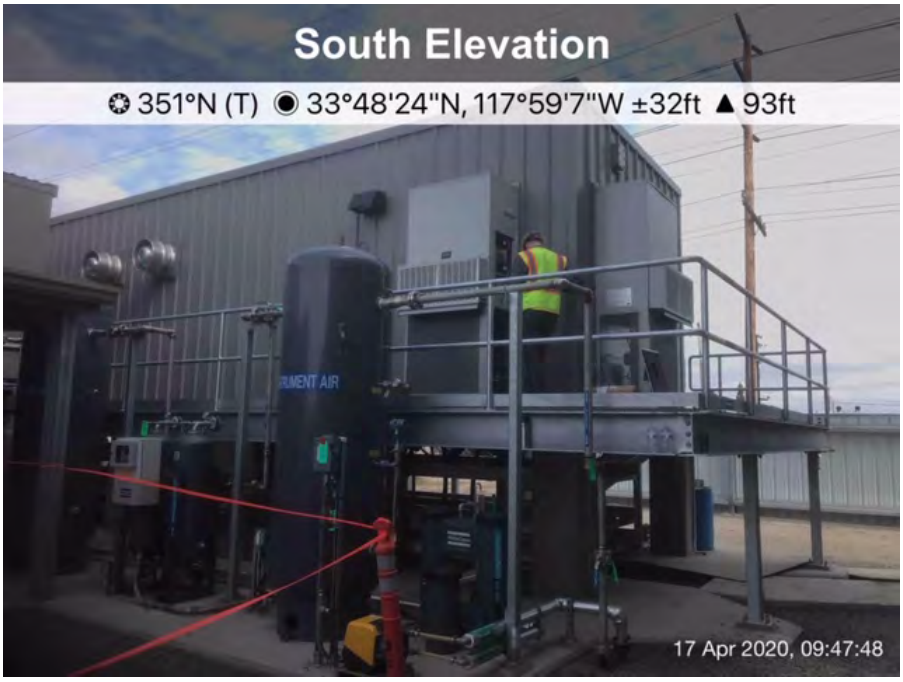
Photo 1

Location	SERC – Eastern Parcel	Description	Overview of mourning dove nest location in the air compressor awning within the Eastern Parcel and the associated no-disturbance buffer, facing west.

Photo 2

Location	SERC – Eastern Parcel	Description	Adult mourning dove sitting low on the nest in incubation period, facing southeast.

Photo 3



Location	SERC – Eastern Parcel	**Description**	Crew member conducting systems testing north of the no-disturbance buffer, approximately 40 feet from the nest, facing north.

Photo 4

Location	SERC – Eastern Parcel	**Description**	Ongoing construction activities in the Eastern parcel included movement of materials (concrete truck), facing east.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 20, 2020	Cara Snellen	0910-1040

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64-65	1-5	0.0 in.	Good (10 mi.)	cloudy

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffer in SERC Eastern Parcel. Monitored work (testing, calibration of air compressors) within the nest buffer to minimize disturbance. The active mourning dove (*Zenaida macroura*) nest is located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.

SERC Site:

Eastern Parcel – Ongoing activities included ingress/egress around the buffer and into the surrounding infrastructure; construction in Unit 1; movement of materials into Unit 2 by crane; gravel contouring on southern access road.

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:

- The adult mourning dove was observed sitting on the nest in incubation position and remained there for the entire monitoring period (0930-1020). No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist, the work inside the buffer, or by nearby construction activities.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

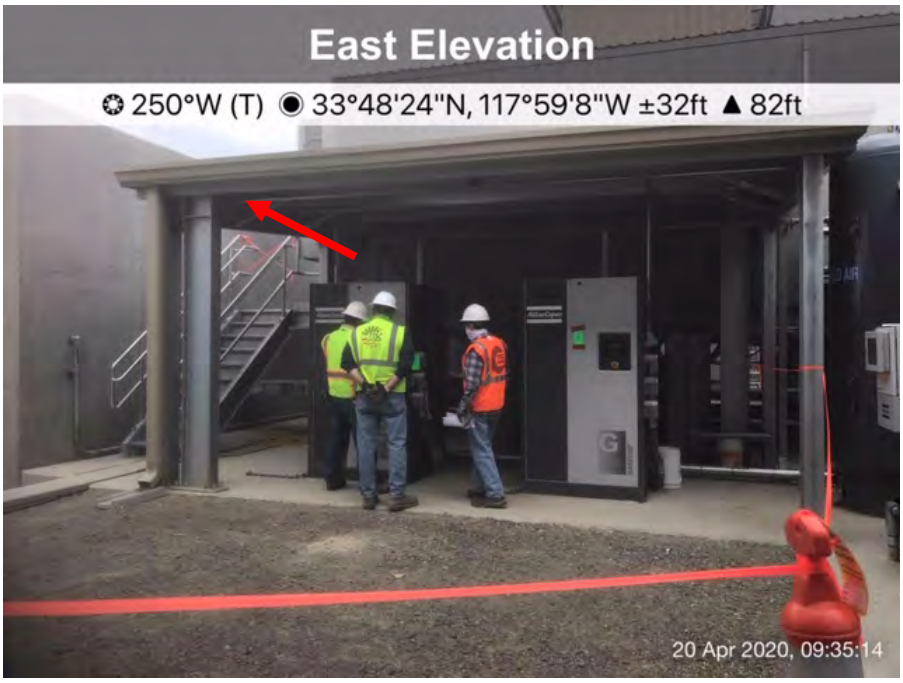
Items Requiring Action/Follow-up

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

Wildlife Species Observed:

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

Photo 1



Location	SERC – Eastern Parcel	**Description**	Work monitored within the mourning dove nest buffer located under the awning of the air compressors in the Eastern parcel, facing west.

Photo 2

Location	SERC – Eastern Parcel	**Description**	Adult mourning dove sitting low on the nest in incubation period, facing southeast.

Photo 3

Location	SERC – Eastern Parcel	Description	Nearby construction activities included moving materials by crane into Unit 2, facing west.

Photo 4

Location	SERC – Eastern Parcel	Description	Nearby construction activities included gravel contouring of the southern access road, facing west.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 21, 2020	Cara Snellen	0855-1050

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64-70	2-3	0.0 in.	Good (10 mi.)	Partly cloudy

Location(s) of Work Site Activities Monitored

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

SERC Site:

Western Parcel – Activities included pipe/duct installation for below-ground infrastructure; pipework; excavation and earthwork; movement of materials/equipment.

Eastern Parcel – Ongoing activities related to above-ground infrastructure construction; fence work on canal bridge; systems testing; gravel contouring for south access road; movement of materials by crane into Unit 2.

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

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

Gas Pipeline – Ongoing activities included drilling.

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:

- An adult mourning dove (*Zenaida macroura*) was observed sitting low in incubation position on the nest originally identified on April 10, 2020 (see photo 8). A second adult perched on the adjacent wall entered the nest and the pair switched (see photo 9). An adult was present on the nest during all subsequent nest checks during the monitoring period. The nest is located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. Ongoing activities occurring in the vicinity of the no-disturbance buffer zone included ingress/egress around the buffer and into the surrounding infrastructure; construction in Unit 1 and Unit 2; gravel contouring of the south access road; and movement of materials/equipment. The adults were not disturbed by the presence of the biologist or the nearby construction activities.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- Observed SERC construction activities (a SERC Project fork-lift entering and exiting the warehouse and material storage) in the warehouse building (on a portion of 10680 Fern Avenue, Stanton) proposed for warehousing/laydown in the Petition for Post-Certification Change.

Items Requiring Action/Follow-up

- CEC notification of non-compliance with BIO-8

Wildlife Species Observed:

Birds: mourning dove, Eurasian collared dove (*Streptopelia decaocto*), house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), European starling (*Sturnus vulgaris*), killdeer (*Charadrius vociferus*), lesser goldfinch (*Spinus psaltria*), barn swallow (*Hirundo rustica*), red-tailed hawk (*Buteo jamaicensis*)

Photo 1

Location	SERC – Eastern Parcel	**Description**	Gravel contouring for the south access road in the Eastern parcel, facing west.

Photo 2

Location	SERC – Eastern Parcel	**Description**	Systems testing and miscellaneous finishing work in the Eastern parcel, facing north.

Photo 3

Location	SERC – Western Parcel	Description	Pipe/duct installation for the below-ground infrastructure in the Western parcel, facing southwest.

Photo 4

Location	SERC – Western Parcel	Description	Excavation, dirt work, and movement of materials in the Western parcel, facing south.

Photo 5

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

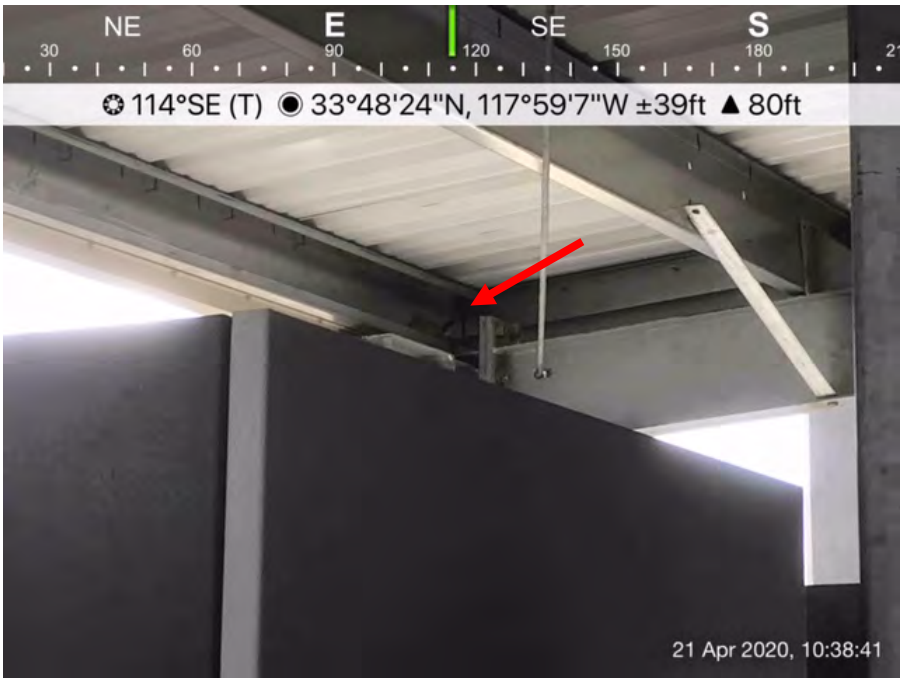
Photo 6

Location	SERC Eastern Laydown (SCE East Parcel)	**Description**	Movement of materials in the Eastern laydown, facing west.

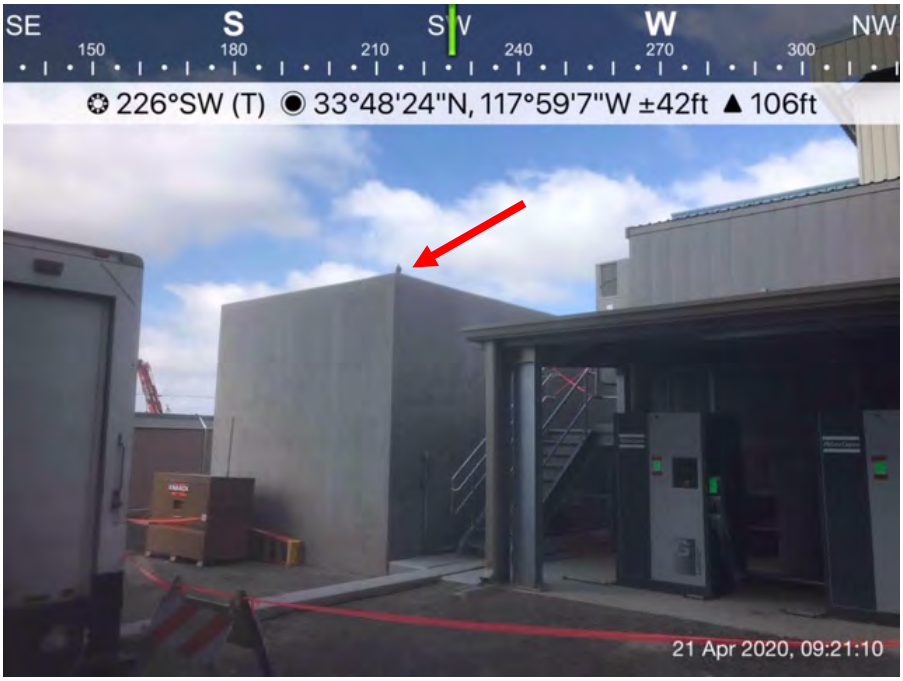
Photo 7

Location	Gas pipeline at Dale Avenue entrance (Eastern Parcel)	**Description**	Drilling activities for the gas pipeline near the Dale Avenue entrance in the Eastern parcel, facing south.

Photo 8



Location	SERC – Eastern Parcel	**Description**	Adult mourning dove on known nest located under air compressor awning in the Eastern parcel, facing southeast.

Photo 9			
			
Location	SERC – Eastern Parcel	**Description**	Second adult mourning dove perched on wall before entering nest located under air compressor awning in the Eastern parcel, facing southwest.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 22, 2020	Cara Snellen	0700-1100

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
59-71	1-3	0.0 in.	Good (10 mi.)	Sunny and clear

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffer in SERC Eastern Parcel. The active mourning dove (*Zenaida macroura*) nest is located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.

SERC Site:

Eastern Parcel – Ongoing activities included ingress/egress around the buffer and into the surrounding infrastructure; construction in Unit 1; movement of materials into Unit 2 by crane; gravel contouring on southern access road.

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:

- The adult mourning dove was observed sitting on the nest in incubation position at each nest check during the survey/monitoring period. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby construction activities.

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

Photo 1

Location	SERC – Eastern Parcel	**Description**	Adult mourning dove sitting low on the nest in incubation position, facing southeast.

Photo 2

Location	SERC – Eastern Parcel	**Description**	No disturbance buffer around active mourning dove nest located under the awning of the air compressors in the Eastern parcel, facing west.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 23, 2020	Cara Snellen	0915-1100

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
72-77	2-3	0.0 in.	Good (10 mi.)	Sunny and clear

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffers in/near the SERC site and the SERC amendment area. Nests are located in the SERC Eastern Parcel, in/near Parcel B, and near Parcel C/West Laydown Yard.

- **MODO nest in Eastern Parcel** – Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- **HOFI nest (#6) in Parcel B** – Active house finch (*Haemorhous mexicanus*; HOFI) nest located on a beam ledge in the underside of the northwest corner of the warehouse awning in Parcel B, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with asphalt marking and signage.
- **HOSP nest (#7) in Parcel B** – Active house sparrow (*Passer domesticus*: HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- **MODO nest (#8) north of Parcel B** – Active mourning dove nest located on a beam ledge under the west edge of the north warehouse C awning, approximately 75 feet north of Parcel B. The nest is approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with asphalt marking and signage.
- **NOMO nest (#9) southeast of Parcel C** – Active mourning dove (*Zenaida macroura*) nest located in an avocado tree located approximately 95 feet southwest of Parcel C and 15 feet east of the West Laydown Yard. The nest is approximately 4 feet above the ground. No buffer has been established as it is located outside the work area and behind a chain-link fence.
- **HOSP nest (#3) east of Parcel C** – Active house sparrow nest located inside wire insulator directly west of a utility pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West laydown Yard. The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the MBTA.

SERC Site:

Eastern Parcel – Ongoing activities included ingress/egress around the buffer and into the surrounding infrastructure; construction in Unit 1; movement of materials into Unit 2 by crane.

West Laydown Yard – Ongoing activities included parking; storage/movement of materials; miscellaneous construction/fabrication.

SERC Amendment Area:

Parcel B – Ongoing activities included foot traffic; movement of materials in/out of warehouse. Non-SERC activities included foot/equipment traffic; warehouse C awning repair; loading and movement of materials.

Parcel C – Ongoing activities included parking; foot traffic.

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:

- **MODO nest in Eastern Parcel** –Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- **HOFI nest (#6) in Parcel B** – No activity was observed.
- **HOSP nest (#7) in Parcel B** – Adult male was observed bringing food to the nest and chicks were heard vocalizing. No other house sparrows were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.
- **MODO nest (#8) north of Parcel B** – Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.
- **NOMO nest (#9) southeast of Parcel C** – Adult Northern mockingbird was observed making several trips to the nest. Two additional mockingbirds were observed in the vicinity. The nest is partially concealed but is presumed to be in incubation stage. The adult was not disturbed by the presence of the biologist or by nearby activities.
- **HOSP nest (#3) east of Parcel C** – Adult female was observed making several trips to the nest with food. An adult male was observed perching nearby and vocalizing. Several other house sparrows were observed in the vicinity. The adults were not disturbed by the presence of the biologist or by nearby activities.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

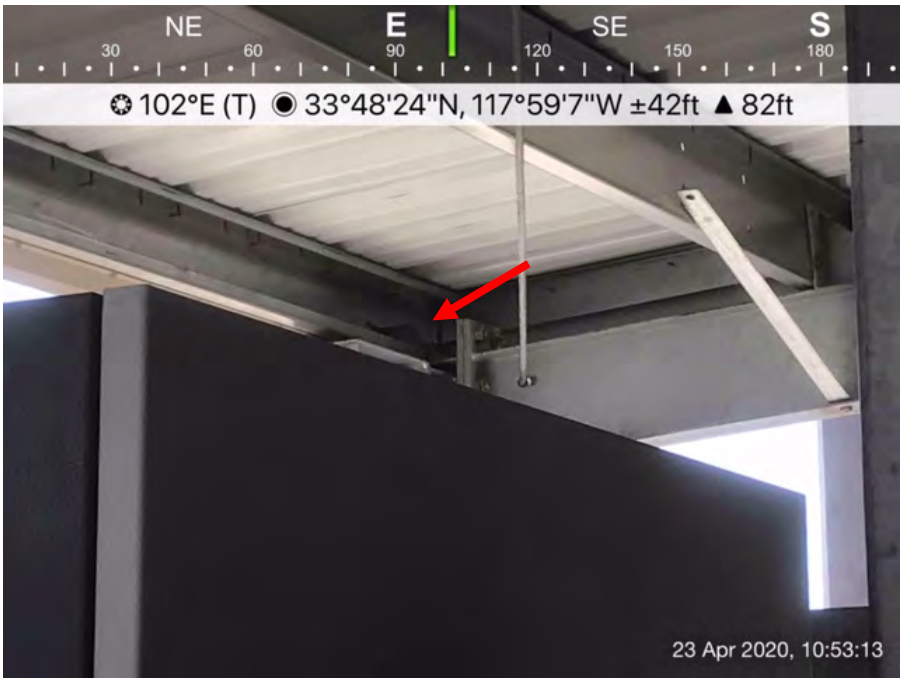
Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: mourning dove, house finch, house sparrow, Northern mockingbird. Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), European starling (*Sturnus vulgaris*), killdeer (*Charadrius vociferus*), barn swallow (*Hirundo rustica*), lesser goldfinch (*Spinus psaltria*), scaly-breasted munia (*Lonchura punctulata*)

Photo 1



Location	SERC – Eastern Parcel	Description	**MODO nest in Eastern Parcel** –Adult mourning dove sitting low on the nest in incubation position, facing east.

Photo 2

Location	SERC – Parcel B of the Amendment Area	Description	**HOFI nest (#6) in Parcel B** –Nest location with no-disturbance buffer, facing northeast. No nesting activity was observed.

Photo 3			
			
Location	SERC – Parcel B of the Amendment Area	**Description**	**HOSP nest (#7) in Parcel B** –An adult male was observed bringing food to the nest located above the equipment doors, facing south. Both SERC construction activities and non-SERC activities were occurring in the vicinity of Nests 6 and 7.
Photo 4			
			
Location	SERC – Parcel B of the Amendment Area	**Description**	**MODO nest (#8) north of Parcel B** –Nest location with no-disturbance buffer, facing northeast. Adult mourning dove was observed sitting low on the nest in incubation position. Non-SERC activities were occurring in close proximity to the nest.

Photo 5

Location	SERC – Parcel B of the Amendment Area/Western Laydown Yard	**Description**	**HOSP nest (#3) and NOMO nest (#9) near Parcel C** – Location of Nests 3 and 9 east and southeast of Parcel, respectively, and adjacent to West Laydown Yard. Activity was observed at both nests.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 24, 2020	Cara Snellen	0800-1000

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
67-78	2-5	0.0 in.	Good (10 mi.)	Sunny and clear

Location(s) of Work Site Activities Monitored

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs; completed nest updates for all nests present in SERC site and amendment area.

SERC Site:

Western Parcel – Activities included pipe/duct installation for below-ground infrastructure; pipework; access road gravel compaction; dust abatement; movement of materials/equipment.

Eastern Parcel – Ongoing activities related to above-ground infrastructure construction; fence and concrete work on canal bridge; systems testing/monitoring; north access road earth work; movement of materials by crane into Unit 1.

Western Laydown (SCE West parcel) – Activities included misc. construction; demobilization of materials-equipment.

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

Gas Pipeline – Ongoing activities included drilling.

Church Parking Lot – Activities included parking.

SERC Amendment Area:

Parcel A – Ongoing activities included parking.

Parcel B – Ongoing activities included foot traffic. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

Parcel C – Ongoing activities included parking; foot traffic.

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:

- **MODO nest in Eastern Parcel** –Adult mourning dove (*Zenaida macroura*) was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- **HOFI nest (#6) in Parcel B** – No activity was observed.
- **HOSP nest (#7) in Parcel B** – No activity was observed.
- **MODO nest (#8) north of Parcel B** – Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.
- **NOMO nest (#9) southeast of Parcel C** – Adult Northern mockingbird (*Mimus polyglottos*) was observed singing in area and making trips to the nest. Two additional mockingbirds were observed in the vicinity. The nest is partially concealed but is presumed to be in incubation stage. The adult was not disturbed by the presence of the biologist or by nearby activities.
- **HOSP nest (#3) east of Parcel C** – Adult female house sparrow (*Passer domesticus*) was observed making several trips to the nest with food. An adult male was observed perching nearby and vocalizing. Several other house sparrows were observed in the vicinity. The adults were not disturbed by the presence of the biologist or by nearby activities.

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: mourning dove, house sparrow, Northern mockingbird, house finch (*Haemorhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), European starling (*Sturnus vulgaris*), killdeer (*Charadrius vociferus*), American crow (*Corvus brachyrhynchos*), red masked parakeet (*Aratinga erythrogenys*)
Reptiles: Western fence lizard (*Sceloporus occidentalis*)

Photo 1

Location	SERC – Western Parcel	**Description**	Overview of construction activities associated with the below-ground infrastructure for the battery storage in the West parcel, facing west.

Photo 2

Location	SERC – Western/Eastern Parcels	**Description**	Overview of fence and concrete work on the canal bridge between the West and East parcels, facing west.

Photo 3

Location	SERC – Eastern Parcel	Description	Earth work at north access road, facing northeast.

Photo 4

Location	SERC – Eastern Parcel	Description	Movement of materials by crane in support of construction activities in Unit 1, facing east.

Photo 5

Location	SERC – Western Laydown Yard	**Description**	Overview of West laydown yard, facing west. Most materials have been demobilized.

Photo 6

Location	SERC – Eastern Laydown Yard	**Description**	Movement of materials in the East laydown yard, facing west.

Photo 7

Location	Gas pipeline at Dale Avenue entrance (Eastern Parcel)	**Description**	Drilling for the gas pipeline and miscellaneous infrastructure construction at the Dale Avenue entrance of the Eastern parcel, facing southwest.

Photo 8

Location	Church Parking Lot	**Description**	Overview of the church parking lot located south of the SERC site, facing west.

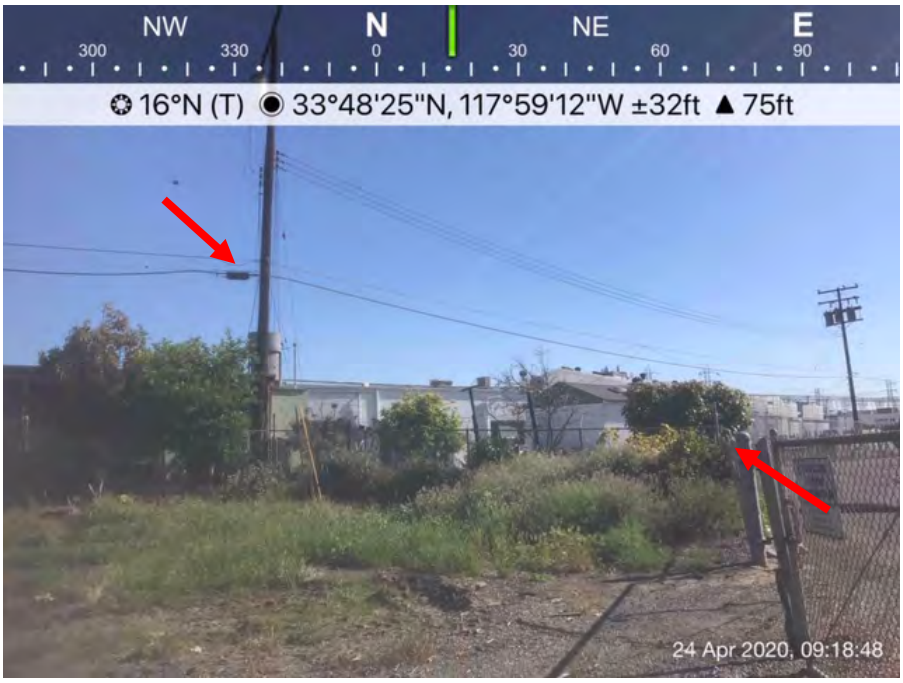
Photo 9

Location	SERC – Eastern Parcel	**Description**	Remote testing occurring adjacent to the nest buffer the East parcel, facing south. An adult mourning dove was sitting on the nest and showed no signs of disturbance.

Photo 10

Location	SERC – Parcel B of the Amendment Area	**Description**	View northeast, from left to right, of Nests 8 (mourning dove), 6 (house finch) and 7 (house sparrow) in and adjacent to Parcel B. A mourning dove was observed sitting on Nest 8. No activity was observed at Nests 6 and 7.

Photo 11



Location	SERC – Parcel C of the Amendment Area/Western Laydown Yard	**Description**	View north of Nests 3 (house sparrow; top) and 9 (Northern mockingbird; bottom) located east and southeast of Parcel C, respectively, and adjacent to West Laydown Yard. Activity was observed at both nests.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 27, 2020	Cara Snellen	0900-1120

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
66-72	2-3	0.0 in.	Good (10 mi.)	Sunny and clear

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffers in/near the SERC site and the SERC amendment area. Nests are located in the SERC Eastern Parcel, in/near Parcel B, and near Parcel C/West Laydown Yard.

- **MODO nest in Eastern Parcel** – Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- **HOFI nest (#6) in Parcel B** – Active house finch (*Haemorhous mexicanus*; HOFI) nest located on a beam ledge in the underside of the northwest corner of the warehouse awning in Parcel B, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with asphalt marking and signage.
- **HOSP nest (#7) in Parcel B** – Active house sparrow (*Passer domesticus*: HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- **MODO nest (#8) north of Parcel B** – Active mourning dove nest located on a beam ledge under the west edge of the north warehouse C awning, approximately 75 feet north of Parcel B. The nest is approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with asphalt marking and signage.
- **NOMO nest (#9) southeast of Parcel C** – Active mourning dove (*Zenaida macroura*) nest located in an avocado tree located approximately 95 feet southwest of Parcel C and 15 feet east of the West Laydown Yard. The nest is approximately 4 feet above the ground. No buffer has been established as it is located outside the work area and behind a chain-link fence.
- **HOSP nest (#3) east of Parcel C** – Active house sparrow nest located inside wire insulator directly west of a utility pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West laydown Yard. The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the MBTA.

SERC Site:

Eastern Parcel – Ongoing activities included ingress/egress around the buffer and into the surrounding infrastructure; construction in Unit 1; movement of materials into Unit 1 by crane. Additional activities in the Eastern parcel included gravel compaction of the north access road; ammonia tank fill; dust abatement.

West Laydown Yard – Ongoing activities included parking; demobilization of materials/equipment.

SERC Amendment Area:

Parcel B – No SERC construction activities occurring during monitoring period. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

Parcel C – Ongoing activities included parking; foot traffic.

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:

- **MODO nest in Eastern Parcel** –Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- **HOFI nest (#6) in Parcel B** – adult male was observed singing near the nest location. No nesting activity was observed. Non-SERC materials had been placed below the nest location.
- **HOSP nest (#7) in Parcel B** – Adult male was observed bringing food to the nest and chicks were heard vocalizing. No other house sparrows were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.
- **MODO nest (#8) north of Parcel B** – Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.
- **NOMO nest (#9) southeast of Parcel C** – Adult Northern mockingbird was observed making several trips to the nest. Two additional mockingbirds were observed in the vicinity. The nest is partially concealed but is presumed to be in incubation stage. The adult was not disturbed by the presence of the biologist or by nearby activities.
- **HOSP nest (#3) east of Parcel C** – Adult female was observed making several trips to the nest with food. An adult male was observed perching nearby and vocalizing. Several other house sparrows were observed in the vicinity. The adults were not disturbed by the presence of the biologist or by nearby activities.
- An active mourning dove nest was observed on a metal plate that connects a vertical beam to the overhead wire rack just east of the GSU in the East parcel (see photo 4; Wildlife Observation report). An adult was observed sitting low on the nest in incubation position. The nest location is approximately 20 feet above the ground and is partially concealed by the post and surrounding overhead rack infrastructure. No work will be conducted near the nest as the area is energized. A no-disturbance buffer was established around the four vertical beams below the nest (approximately 4x4 feet); the nest is at the southeast vertical beam. Coordinates: 33.806427, -117.9865712.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up

- Notification of active nest per BIO-8

Wildlife Species Observed:

Birds: mourning dove, house finch, house sparrow, Northern mockingbird. Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), European starling (*Sturnus vulgaris*), barn swallow (*Hirundo rustica*), American crow (*Corvus brachyrhynchos*), black phoebe (*Sayornis nigricans*)

Photo 1

Location	SERC – Eastern Parcel	**Description**	**MODO nest in Eastern Parcel** –Adult mourning dove sitting low on the nest in incubation position, facing southeast.

Photo 2

Location	SERC – Parcel B of the Amendment Area	**Description**	Nest 6 (house finch; left) and Nest 7 (house sparrow; right) locations at Parcel B warehouse, facing south. No nesting activity was observed at nest 6. An adult male made several trips to Nest 7. Non-SERC activities were occurring in close proximity to the nests.

Photo 3

Location	SERC – Parcel B of the Amendment Area	**Description**	An adult mourning dove was observed sitting low in incubation position on Nest 8, which is located north of Parcel B, facing north. Non-SERC activities were occurring in close proximity to the nest.

Photo 4

Location	SERC – Eastern Parcel	**Description**	Overview of active mourning dove nest located on a metal plate that connects a vertical beam to the overhead wire rack just east of the GSU in the East parcel, facing southwest. An adult was observed sitting low on the nest in incubation position. A no-disturbance buffer was established below the nest within flagging and signs (approximately 4x4 feet). The nest is approximately 20 feet above ground at the southeast vertical beam.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 28, 2020	Cara Snellen	1100-1300

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
74-78	2-7	0.0 in.	Good (10 mi.)	Sunny and clear

Location(s) of Work Site Activities Monitored

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs; completed nest updates for all nests present in SERC site and amendment area.

SERC Site:

Western Parcel – Activities included pipe/duct installation, earth coontouring for below-ground infrastructure; pipework; dust abatement; demobilization of materials/equipment (ARB).

Eastern Parcel – Ongoing activities related to above-ground infrastructure construction; fence and equipment room work at Dale Avenue entrance; north access road earth work; work on Unit 1 infrastructure.

Western Laydown (SCE West parcel) – Activities included demobilization of materials/equipment (ARB).

Eastern Laydown (SCE East parcel) – Activities included parking; demobilization of equipment/materials (ARB).

Gas Pipeline – Ongoing activities related to gas pipeline infrastructure at Dale Avenue entrance.

Church Parking Lot – Activities included parking.

SERC Amendment Area:

Parcel A – Activities included parking.

Parcel B – No SERC-related construction activities. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

Parcel C –Activities included parking; foot traffic.

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:

- **MODO nest #1 in Eastern Parcel (air compressor awning)** –Adult mourning dove (*Zenaida macroura*) was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- **MODO nest #2 in Eastern Parcel (GSU overhead rack)** –Adult mourning dove (*Zenaida macroura*) was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- **HOFI nest (#6) in Parcel B** – No activity was observed. Non-SERC materials below the nest had been moved.
- **HOSP nest (#7) in Parcel B** – Fledgling observed sitting at nest cavity entrance. Adult male and female present near nest. Male entered the nest, presumably with food. The birds were not disturbed by the presence of the biologist or by nearby activities.
- **MODO nest (#8) north of Parcel B** – Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.
- **NOMO nest (#9) southeast of Parcel C** – Adult Northern mockingbirds (*Mimus polyglottos*) were observed moving throughout the area and gathering food from vegetation. One mockingbird briefly entered the nest tree. The nest

is partially concealed but is presumed to be in incubation stage. The birds were not disturbed by the presence of the biologist or by nearby activities.

- **HOSP nest (#3) east of Parcel C** – Adult female house sparrow (*Passer domesticus*) was observed making several trips to the nest with food. An adult male was observed perching nearby and vocalizing. A fledgling was observed perched outside the nest site. The birds were not disturbed by the presence of the biologist or by nearby activities.

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

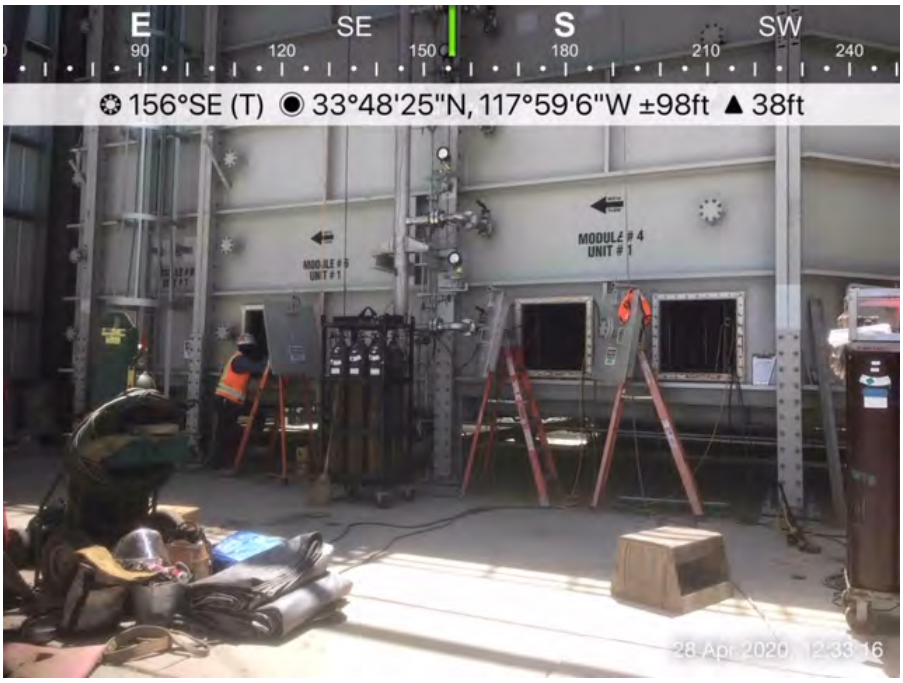
Photo 1

Location	SERC – Western Parcel	**Description**	Overview of construction activities associated with the below-ground infrastructure for the battery storage in the West parcel, facing southwest.

Photo 2

Location	SERC – Western Parcel	**Description**	Demobilization of materials (ARB) in the West parcel, facing southeast.

Photo 3



Location	SERC – Eastern Parcel	Description	Construction activities inside the Unit 1 building, facing southeast.

Photo 4

Location	SERC – Eastern Parcel	Description	Overview of earthwork along the north access road in the East parcel, facing east. Mourning dove nest (East #2) is located in the GSU overhead rack.

Photo 5

Location	SERC – Western Laydown Yard	**Description**	Overview of West laydown yard, facing southwest. Most materials have been demobilized (ARB).

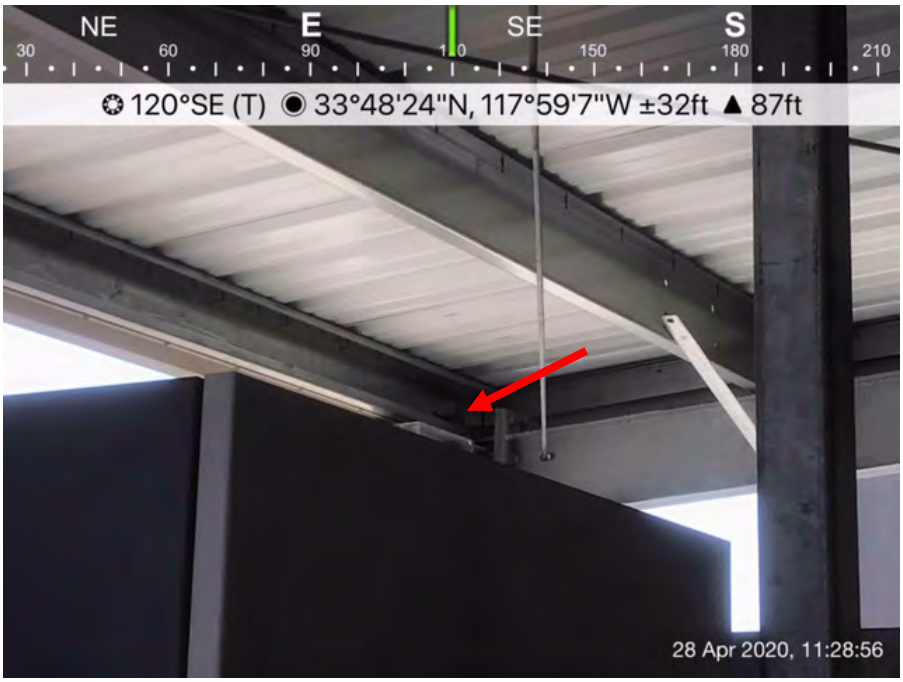
Photo 6

Location	SERC – Eastern Laydown Yard	**Description**	Demobilization of materials (ARB) in the East laydown yard, facing west.

Photo 7

Location	Gas pipeline at Dale Avenue entrance (Eastern Parcel)	**Description**	Ongoing construction activities associated with the gas pipeline at the Dale Avenue entrance of the Eastern parcel, facing northeast.

Photo 8



Location	SERC – Eastern Parcel	**Description**	Adult mourning dove sitting on the nest in incubation position, facing southeast. The mourning dove nest (East #1) is located in the air compressor awning between Units 1 and 2.

Photo 9

Location	SERC – Parcel B of the Amendment Area	**Description**	View southeast, from left to right, Nest 8 (mourning dove), Nest 6 (house finch), and Nest 7 (house sparrow) located in and around Parcel B of the amendment area. No SERC-related activities were occurring.

Photo 10

Location	SERC – Parcel C of the Amendment Area/Western Laydown Yard	**Description**	View northeast of Nest 3 (house sparrow; top) and Nest 9 (Northern mockingbird; bottom) located east and southeast of Parcel C, respectively, and adjacent to West Laydown Yard.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 29, 2020	Cara Snellen	0920-1120

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
66-72	1-3	0.0 in.	Good (10 mi.)	Overcast to partly cloudy

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffers in/near the SERC site and the SERC amendment area. Nests are located in the SERC Eastern Parcel, in/near Parcel B, and near Parcel C/West Laydown Yard.

- **MODO nest #1 in Eastern Parcel (air compressor awning)** – Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- **MODO nest #2 in Eastern Parcel (GSU overhead rack) –** Active mourning dove nest located on a metal plate that connects a vertical beam to the overhead wire rack just east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest within flagging and signage.
- **HOFI nest (#6) in Parcel B** – Active house finch (*Haemorhous mexicanus*; HOFI) nest located on a beam ledge in the underside of the northwest corner of the warehouse awning in Parcel B, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with asphalt marking and signage.
- **HOSP nest (#7) in Parcel B** – Active house sparrow (*Passer domesticus*: HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- **MODO nest (#8) north of Parcel B** – Active mourning dove nest located on a beam ledge under the west edge of the north warehouse C awning, approximately 75 feet north of Parcel B. The nest is approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with asphalt marking and signage.
- **NOMO nest (#9) southeast of Parcel C** – Active mourning dove (*Zenaida macroura*) nest located in an avocado tree located approximately 95 feet southwest of Parcel C and 15 feet east of the West Laydown Yard. The nest is approximately 4 feet above the ground. No buffer has been established as it is located outside the work area and behind a chain-link fence.
- **HOSP nest (#3) east of Parcel C** – Active house sparrow nest located inside wire insulator directly west of a utility pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West laydown Yard. The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the MBTA.

SERC Site:

Eastern Parcel – Ongoing activities included ingress/egress around nest buffers; construction in Unit 1; systems testing; movement of materials/equipment; dirt contouring for the north access road; dust abatement; fence install/extension.

West Laydown Yard – Ongoing activities included parking; demobilization of materials/equipment; clean-up.

SERC Amendment Area:

Parcel B – No SERC construction activities occurring during monitoring period. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

Parcel C – Ongoing activities included parking; foot traffic.

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:

- **MODO nest #1 in Eastern Parcel (air compressor awning)** –Adult mourning dove was observed sitting on the nest in incubation position and a second dove was perched on the concrete wall nearby. The second adult then entered the nest. The first adult then removed eggshell fragments from the nest and eventually left the nest. Based on the removal of egg shell and the inspection of the nest contents by both adults, it is presumed that the egg has hatched. The adults were not disturbed by the presence of the biologist or by nearby construction activities.
- **MODO nest #2 in Eastern Parcel (GSU overhead rack) –** Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- **HOFI nest (#6) in Parcel B** – Adult female was observed perched near the nest. The female then entered the nest for a few minutes and then left, indicating that the nest is still active. The adult was not disturbed by the presence of the biologist or by nearby non-SERC activities.
- **HOSP nest (#7) in Parcel B** – At least one nestling was observed at the entrance of the nest location. No adult house sparrows were observed in the vicinity. The nestling was not disturbed by the presence of the biologist or by nearby non-SERC activities.
- **MODO nest (#8) north of Parcel B** – Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby non-SERC activities.
- **NOMO nest (#9) southeast of Parcel C** – Two adult Northern mockingbird were observed moving throughout the area. One adult briefly entered the nest tree. The nest is presumed to still be active. The adults were not disturbed by the presence of the biologist or by nearby construction activities.
- **HOSP nest (#3) east of Parcel C** –An adult male was observed perched nearby and vocalizing. Several other house sparrows were observed in the vicinity. The nest is presumed to still be active. The adult was not disturbed by the presence of the biologist or by nearby construction activities.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- The buffer for MODO nest #2 in the East parcel had been adjusted prior to the biologist's arrival onsite. Crews had been instructed to collect all pylons and A-frame barricades as part of ARB demobilization. The pylons used for the buffer had been removed and the flagging replaced around the posts of the air compressor awning. The biologist obtained new pylons and re-established the nest buffer at the original distance/configuration. The birds were not disturbed by the biologist or the buffer changes. The crews were reminded that the flagging represents a no-disturbance buffer and the biologist must be contacted if entrance is required. See photos 1-3.

Items Requiring Action/Follow-up

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

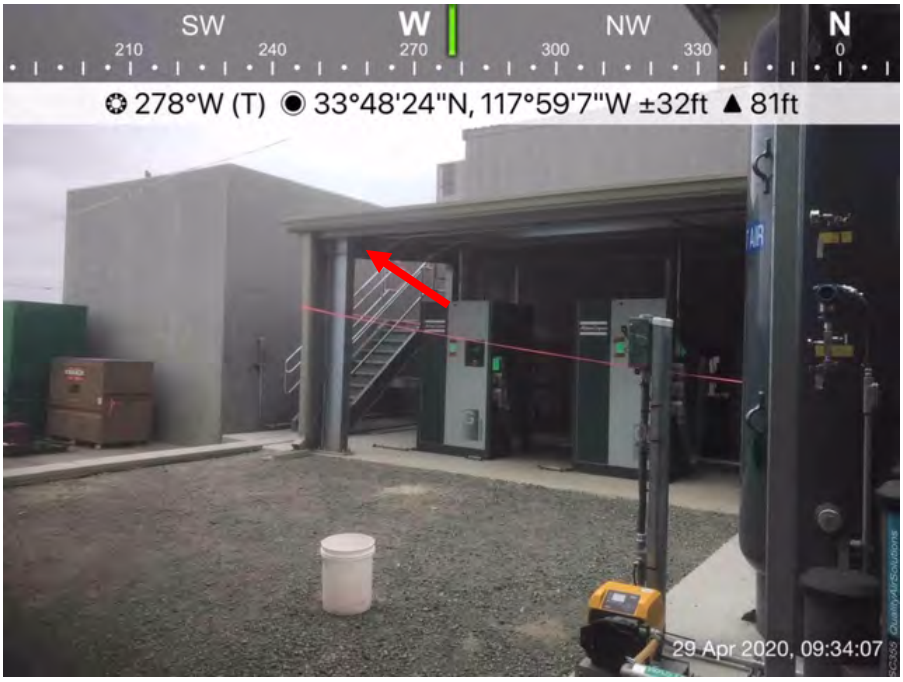
Wildlife Species Observed:

Birds: mourning dove, house finch, house sparrow, Northern mockingbird. Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), European starling (*Sturnus vulgaris*), barn swallow (*Hirundo rustica*), common raven (*Corvus corax*), red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferus*), western tanager (*Piranga ludoviciana*)

Photo 1

Location	SERC – Eastern Parcel	**Description**	**MODO nest #1 in Eastern Parcel** –Adult mourning dove sitting low on the nest in incubation position, facing southeast.

Photo 2



Location	SERC – Eastern Parcel	**Description**	**MODO nest #1 in Eastern Parcel** –The pylons and A-frame barricades had been removed and the buffer flagging replaced around the air compressor awning posts. The excess, discarded flagging was present in the bucket in the foreground.

Photo 3

Location	SERC – Eastern Parcel	**Description**	**MODO nest #1 in Eastern Parcel** –The missing pylons were replaced and the buffer was re-established at the original distance/configuration. The birds showed no signs of disturbance from this activity.

Photo 4

Location	SERC – Eastern Parcel	**Description**	**MODO nest #2 in Eastern Parcel** –Overview of the nest location in the GSU overhead rack, facing southwest. Fence work was occurring north of the nest. An adult mourning dove was sitting low on the nest in incubation position and showed no signs of disturbance.

Photo 5

Location	SERC – Parcel B of the Amendment Area	**Description**	View northeast, from left to right, Nest #8 (mourning dove), Nest #6 (house finch), and Nest #7 (house sparrow). All three nests are still active. Non-SERC activities in the area included foot traffic and movement of materials.

Photo 6

Location	SERC – Parcel C of the Amendment Area/ Western Laydown Yard	**Description**	View east, from left to right, Nest #3 (house sparrow) and Nest #9 (Northern mockingbird). Both nests are still active. SERC construction activities in the area included demobilization and clean-up.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
April 30, 2020	Cara Snellen	0950-1050

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
67	2-3	0.0 in.	Good (10 mi.)	Overcast

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffers in/near the SERC site and the SERC amendment area. Nests are located in the SERC Eastern Parcel, in/near Parcel B, and near Parcel C/West Laydown Yard.

- **MODO nest #1 in Eastern Parcel (air compressor awning)** – Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- **MODO nest #2 in Eastern Parcel (GSU overhead rack) –** Active mourning dove nest located on a metal plate that connects a vertical beam to the overhead wire rack just east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest within flagging and signage.
- **HOFI nest (#6) in Parcel B** – Active house finch (*Haemorhous mexicanus*; HOFI) nest located on a beam ledge in the underside of the northwest corner of the warehouse awning in Parcel B, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with asphalt marking and signage.
- **HOSP nest (#7) in Parcel B** – Active house sparrow (*Passer domesticus*: HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- **MODO nest (#8) north of Parcel B** – Active mourning dove nest located on a beam ledge under the west edge of the north warehouse C awning, approximately 75 feet north of Parcel B. The nest is approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with asphalt marking and signage.
- **NOMO nest (#9) southeast of Parcel C** – Active mourning dove (*Zenaida macroura*) nest located in an avocado tree located approximately 95 feet southwest of Parcel C and 15 feet east of the West Laydown Yard. The nest is approximately 4 feet above the ground. No buffer has been established as it is located outside the work area and behind a chain-link fence.
- **HOSP nest (#3) east of Parcel C** – Active house sparrow nest located inside wire insulator directly west of a utility pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West laydown Yard. The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the MBTA.

SERC Site:

Eastern Parcel – Ongoing activities included ingress/egress around nest buffers; movement of materials/equipment; gravel compaction on the north access road; fence install/extension.

West Laydown Yard – Ongoing activities included parking; demobilization of materials/equipment; clean-up.

SERC Amendment Area:

Parcel B – No SERC construction activities occurring during monitoring period. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

Parcel C – Ongoing activities included parking; foot traffic.

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:

- **MODO nest #1 in Eastern Parcel (air compressor awning)** –Adult mourning dove was observed sitting on the nest and a second dove was perched on the concrete wall nearby. The second adult then entered the nest. The adults inspected the contents of the nest, switched places, and the first adult left the area. The adults were not disturbed by the presence of the biologist or by nearby construction activities.
- **MODO nest #2 in Eastern Parcel (GSU overhead rack) –** Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- **HOFI nest (#6) in Parcel B** – Adult male was observed singing near the nest with a female perched nearby. The male entered the nest briefly, and then both adults left the area. The adults were not disturbed by the presence of the biologist or by nearby non-SERC activities.
- **HOSP nest (#7) in Parcel B** – Both male and female were observed making several trips to the nest. A nestling briefly left the nest to perch on an adjacent floodlight mount. The birds were not disturbed by the presence of the biologist or by nearby non-SERC activities.
- **MODO nest (#8) north of Parcel B** – Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby non-SERC activities.
- **NOMO nest (#9) southeast of Parcel C** – Two adult Northern mockingbird were observed moving throughout the area. The nest is presumed to still be active. The adults were not disturbed by the presence of the biologist or by nearby construction activities.
- **HOSP nest (#3) east of Parcel C** –An adult male was observed perched nearby and vocalizing. A female and two fledglings were observed perched on a nearby fence. The adult was not disturbed by the presence of the biologist or by nearby construction activities.

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: mourning dove, house finch, house sparrow, Northern mockingbird. Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), European starling (*Sturnus vulgaris*), Anna's hummingbird (*Calypte anna*), Western gull (*Larus occidentalis*), Cassin's kingbird (*Tyrannus vociferans*)

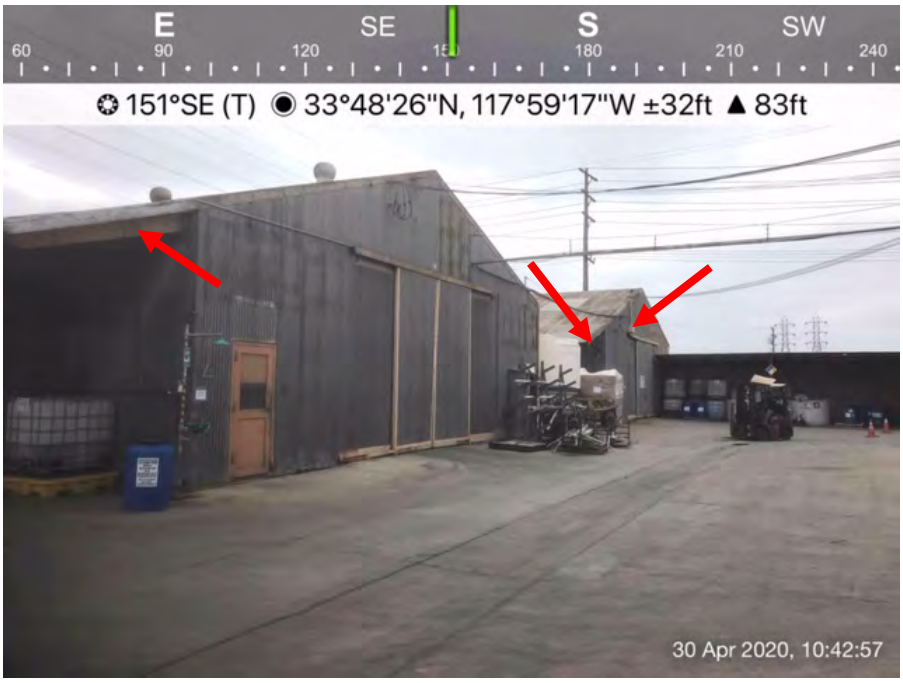
Photo 1

Location	SERC – Eastern Parcel	**Description**	**MODO nest #1 in Eastern Parcel** –Adult mourning dove sitting low on the nest with second adult perched adjacent, facing east.

Photo 2

Location	SERC – Eastern Parcel	**Description**	**MODO nest #2 in Eastern Parcel** –Overview of the nest location in the GSU overhead rack, facing southwest. Fence work was occurring northeast of the nest. An adult mourning dove was sitting low on the nest in incubation position and showed no signs of disturbance.

Photo 3



Location	SERC – Parcel B of the Amendment Area	**Description**	View southeast, from left to right, Nest #8 (mourning dove), Nest #6 (house finch), and Nest #7 (house sparrow). All three nests are still active. Non-SERC activities in the area included foot traffic and movement of materials.

Photo 4

Location	SERC – Parcel C of the Amendment Area/ Western Laydown Yard	**Description**	View east, from left to right, Nest #3 (house sparrow) and Nest #9 (Northern mockingbird). Both nests are still active. SERC construction activities in the area included demobilization and clean-up.

Appendix C
Wildlife Species List

Observed Wildlife Species List
April 1 – April 30, 2020
Stanton Energy Reliability Center

Common Name	Scientific Name	Status Federal/State/Other
Birds		
American crow	*Corvus brachyrhynchos*	--/--/--
American kestrel	*Falco sparverius*	--/--/--
Anna's hummingbird	*Calypte anna*	--/--/--
Barn swallow	*Hirundo rustica*	--/--/--
Black phoebe	*Sayornis nigricans*	--/--/--
Bushtit	*Psaltriparus minimus*	--/--/--
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
Hooded oriole	*Icterus cucullatus*	--/--/--
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 masked parakeet	*Aratinga erythrogenys*	--/--/NP
Red-tailed hawk	*Buteo jamaicensis*	--/--/--
Rock pigeon	*Columba livia*	--/--/NP
Scaly-breasted munia	*Lonchura punctulata*	--/--/NP
Turkey vulture	*Cathartes aura*	--/--/--
Yellow-rumped warbler	*Setophaga coronata*	--/--/--
Western gull	*Larus occidentalis*	--/--/--
Western tanager	*Piranga ludoviciana*	--/--/--
Mammals		
Domestic cat	*Felis catus*	--/--/NP
Reptiles		
Western fence lizard	*Sceloporus occidentalis*	--/--/--

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	Observer	Observer's Employer
4/15/20	MICHAEL SECHINGTON	ARB INC.

Location of Observation

SCE EASEMENT · LAY DOWN EAST SIDE ALONG NORTH FENCE

Wildlife Species	Condition of Wildlife (alive/dead)
CATS	DEAD

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

UNKNOWN

Current Location of Animal

SAME AS LOCATION OF OBSERVATION

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

WE WERE MOVING BOXS & CRATES OF MATERIAL. WHEN WE LIFTED A CRATE WITH THE FORK LIFT THERE WERE TWO DEAD KITTENS UNDER THE BOX. THEY LOOKED LIKE THEY WERE SLEEPING.

Stanton Energy Reliability Center (SERC)
Wildlife Observation Form

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Date	Observer	Observer's Employer
4/16/20	MICHAEL SECKINGTON	ARB INC.

Location of Observation

SOUTHWEST CORNER OF GSU TRANSFORMER

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

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

N/A

Current Location of Animal

FLYING AROUND

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

SAW A PAIR OF DOVES BRINGING NESTING MATERIAL ONTO A BEAM FLANGE ON THE GSU. WE TOOK A PICTURE AND SENT IT TO AVA. SHE SAID WE COULD REMOVE THE MATERIAL.

STRUCTURE 1
N: 1635.51
E: 4600.67
4' X 4' AREA INLET
TOP EL = 71.63'
FLOWLINE OUT (W) = 66.75'
155 LF 36" DIA PERFORATED CHDPE PIPE

STRUCTURE 2
N: 1635.51
E: 4445.67
4' X 4' AREA INLET
TOP EL = 71.63'
FLOWLINE IN (E) = 66.75'
FLOWLINE OUT (W) = 66.75'
110 LF 36" DIA PERFORATED CHDPE PIPE

STRUCTURE [illegible]
N: 1635.51
E: 4335.67
4' X 4' AREA INLET
TOP EL = 71.63'
FLOWLINE IN (E) = 66.75'
FLOWLINE OUT (W) = 66.75'
157 LF 36" DIA PERFORATED CHDPE PIPE

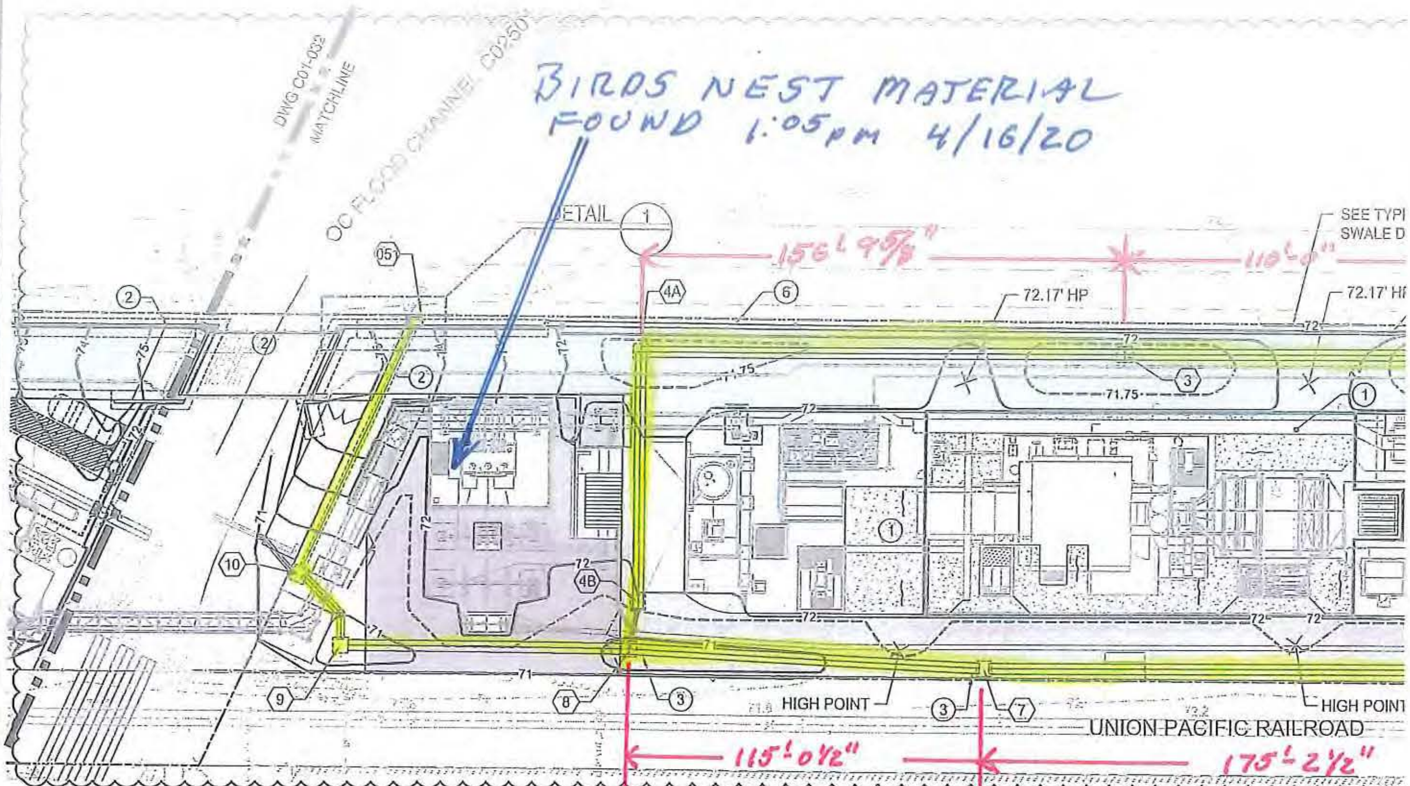
STRUCTURE 4A
N: 1635.51
E: 4178.87
4' X 4' AREA INLET
TOP EL = 71.63'
FLOWLINE IN (E) = 66.75'
FLOWLINE OUT (S) = 66.75'
82 LF 36" DIA PERFORATED CHDPE PIPE

STRUCTURE [illegible]
N: 1555.08
E: 4178.88
4' X 4' AREA INLET
TOP EL = 72.27'
FLOWLINE IN (N) = 66.75'
FLOWLINE OUT (S) = 68.74'
13 LF 12" DIA CHDPE PIPE @ 1% SL

STRUCTURE 5
N: 1533.36
E: 4671.41
4' X 4' AREA INLET
TOP EL = 71.63'
FLOWLINE OUT (W) = 66.75'
200 LF 36" DIA PERFORATED CHDPE PIPE

STRUCTURE [illegible]
N: 1534.41
E: 4466.41
4' X 4' AREA INLET
TOP EL = 71.50'
FLOWLINE IN (E) = 66.75'
FLOWLINE OUT (W) = 66.75'
171 LF 36" DIA PERFORATED CHDPE PIPE

STRUCTURE 7
N: 1534.41
E: 4291.20
4' X 4' AREA INLET
TOP EL = 71.50'
FLOWLINE IN (E) = 66.75'
FLOWLINE OUT (W) = 66.75'
114 LF 36" DIA PERFORATED CHDPE PIPE



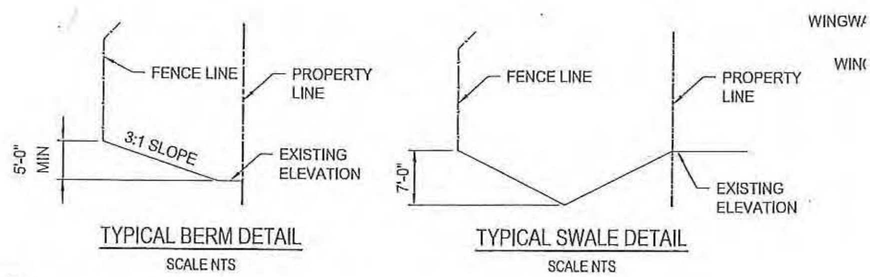
PARCEL 1 GRADING AND DRAINAGE PLAN

SCALE 1"=30'

LEGEND

- EXISTING CONTOUR
- EXISTING FENCE
- EXISTING GAS LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING WATERLINE
- EXISTING RIGHT OF WAY
- PROPERTY LINE
- EXISTING FIRE HYDRANT / WATER VALVE
- PROPOSED CONTOUR
- PROPOSED INTERMEDIATE CONTOUR
- PROPOSED FENCE
- PROPOSED GAS LINE
- PROPOSED SANITARY SEWER
- PROPOSED PERIMETER WALL
- PROPOSED CONCRETE PAVEMENT
- PROPOSED CRUSHED ROCK PAVEMENT
- PROPOSED CRUSHED ROCK SURFACE
- PROPOSED CRUSHED ROCK SURFACE (SUBSTATION)
- LANDSCAPING
- RIDGELINE
- 72.34 SPOT GRADE

REFERENCE C01-080



TYPICAL BERM DETAIL
SCALE NTS

TYPICAL SWALE DETAIL
SCALE NTS

THIS DRAWING WAS PREPARED BY POWER ENGINEERS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM BOTH POWER AND POWER'S CLIENT IS GRANTED.

C01-031.DWG

INTER-DISCIPLINE REVIEW						
DISC	ARCH	CIVIL	ELECT	I&C	MECH	STRUCT
DATE	•	12-13-2018	12-13-2018	•	12-13-2018	12-13-2018
INIT	•	BHR	CMS	•	BSC	SPC

REV	REVISIONS	DATE	DRN	
8	IFC: WORK SCOPE REDUCTION - BESS	12-12-2019	BRG	B
7	IFC - ADDED BERM AND SWALE DETAIL	05-24-2019	BRG	B
6	IFC - ADDED STRUCTURE 10 AND NORTH BERM/CHANNEL	04-23-2019	BRG	B
5	ISSUED FOR CONSTRUCTION - PIPE THROUGH WINGWALL	03-14-2019	JPS	B
0	ISSUED FOR CONSTRUCTION	12-17-2018	BRG	B

Stanton Energy Reliability Center (SERC)
Wildlife Observation Form

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Date and Time	Observer	Observer's Employer
4/17/20 1300	Mike Maby	Wellhead

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

UNIT 2 South Side AIG top branchoff.

Wildlife Species Name	Condition of Wildlife (alive/dead, size, age, weight, etc.)
Dove	Alive

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

N/A

Current Location of Animal

Starting to build nest

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

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

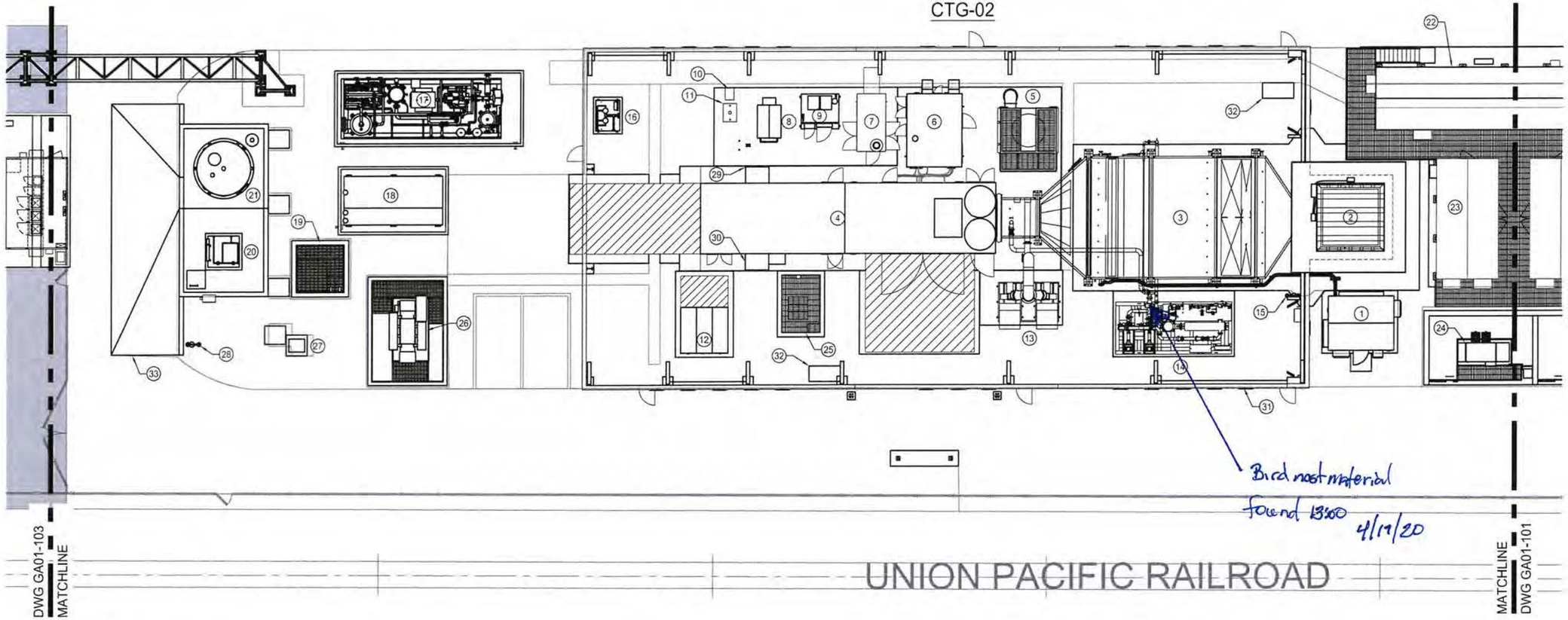
If Yes, Explain

Additional Comments

Saw the bird bringing nesting material onto the upper AIG Beam Support. Picture taken. Ava authorized removal if no eggs. There are none.

PLANT NORTH

CTG-02



DWG GA01-103
MATCHLINE

UNION PACIFIC RAILROAD

MATCHLINE
DWG GA01-101

KEYNOTES:

1. CTG-02 CEMS ENCLOSURE
2. CTG-02 EXHAUST STACK
3. CTG-02 EMISSIONS REDUCTION UNIT
4. CTG-02 COMBUSTION TURBINE GENERATOR
5. CTG-02 FIN FAN LUBE OIL COOLER
6. CTG-02 AUXILIARY SKID
7. CTG-02 WATER INJECTION SKID
8. CTG-02 CO_2 FIRE PROTECTION SKID
9. CTG-02 FOGGING SKID
10. CTG-02 FOGGING DRAIN TRANSFER PUMP
11. CTG-02 FOGGING DRAIN TANK
12. CTG-02 13.8kV SWITCHGEAR
13. CTG-02 ERU PURGE/TEMPERING AIR BLOWER
14. CTG-02 AMMONIA INJECTION SKID
15. CTG-02 EYEWASH/SHOWER STATION
16. CTG-02 FUEL GAS COALESCING FILTER SKID
17. FUEL GAS COMPRESSOR
18. FGC GAS/L.O. FIN-FAN COOLER
19. SUMP PIT
20. AMMONIA FORWARDING PUMP SKID
21. AMMONIA STORAGE TANK
22. POWER DISTRIBUTION MODULE
23. CONTROL MODULE
24. 480V AUXILIARY TRANSFORMER
25. CTG-02 OILY WATER WASTE TANK
26. 4160V FGC AUXILIARY TRANSFORMER
27. FUEL GAS COMPRESSOR SOFT STARTER
28. AMMONIA AREA EYEWASH/SHOWER STATION
29. CTG-02 NEUTRAL SIDE CUBICLE/NEUTRAL GROUNDING TRANSFORMER
30. CTG-02 LINE SIDE CUBICLE
31. POWER BLOCK WALL
32. PORTABLE HAZARDOUS MATERIAL STORAGE
33. AMMONIA TRUCK UNLOADING AREA

PARCEL 1
GENERAL ARRANGEMENT
SCALE: 3/32" = 1'-0"

0 5 10 20 FEET
3/32" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
BRADLEY SCOTT CARVER
NO. M39006
MECHANICAL
STATE OF CALIFORNIA
12-17-2018

BRADLEY SCOTT CARVER, MECHANICAL, PE # M39006

PROJECT LOCATION:
10711 DALE AVE
STANTON, ORANGE CO., CA 90680

Digitally signed by Jason P. Miller
Reason: For Reference Only
Date: 2019.03.22 09:15:46 -07'00'

INTER-DISCIPLINE REVIEW						
DISC	ARCH	CIVIL	ELECT	I&C	MECH	STRUCT
DATE	*	12-13-2018	12-13-2018	*	12-13-2018	12-13-2018
INIT	*	WHR	CMS	*	BSC	SPC

REV	REVISIONS	DATE	DRN	DSGN	CKD	APPD
0	ISSUED FOR CONSTRUCTION	12-17-2018	DCA	BSC	CJS	JKB

DSGN	BSC	01-24-2018
DRN	CLP	01-24-2018
CKD	CJS	12-17-2018
SCALE:	AS NOTED	
FOR 22x34 DWG ONLY		

Stanton Energy Reliability Center, LLC
650 Bercut Dr, Suite A - Sacramento, CA 95811
Phone: 916-492-9486 Fax: 916-880-5318

POWER ENGINEERS
16041 FOSTER, P.O. BOX 1000
OVERLAND PARK, KANSAS 66085-1000
(913) 681-2881 www.powereng.com

STANTON ENERGY RELIABILITY CENTER	JOB NUMBER 149368	REV 0
OVERALL SITE	DRAWING NUMBER GA01-102	
PARCEL 1 GENERAL ARRANGEMENT		

GA01-102.DWG

Stanton Energy Reliability Center (SERC)

Wildlife Observation Form

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Date and Time	Observer	Observer's Employer
April 13, 2020	Cara Snellen	Jacobs

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

Active mourning dove nest under air compressor awning (beam ledge of southeast awning corner) between Units 1 and 2 in SERC Eastern Parcel, approximately 10 feet above ground. Coordinates: 33.8067461, -117.9852721.

Wildlife Species Name	Condition of Wildlife (alive/dead, size, age, weight, etc.)
Mourning dove (*Zenaida macroura*)	Live

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

N/A

Current Location of Animal

Stanton Energy Reliability Center (SERC)

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

Yes		No	X	N/A	

If Yes, Explain

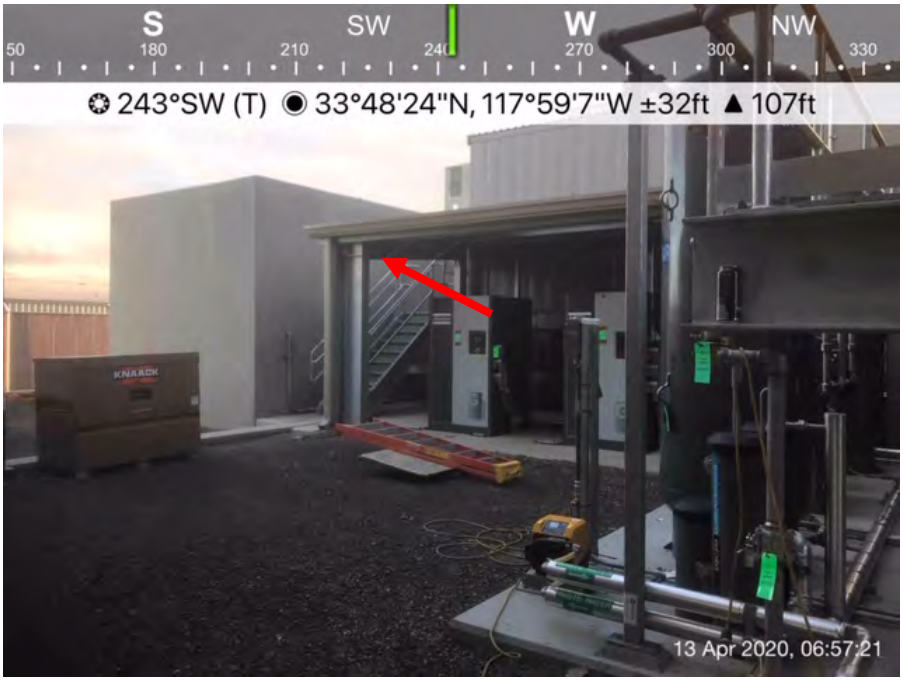
Additional Comments

Biologist was notified by email on Sunday (April 12, 2020) of an egg observed on the beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the SERC Eastern Parcel, approximately 10 feet above the ground. The biologist inspected the location and confirmed the presence of an egg surrounded by nesting material. A pair of adult mourning doves was perched on the roof of the adjacent equipment room but flew away. The biologist began monitoring the nest to confirm that the observed pair was incubating the egg. After approximately 30 minutes, the pair returned to the area and were observed entering/exiting the nest site, scavenging on the ground below, and perching on the adjacent walls/infrastructure. A buffer was established to protect the nest from disturbance. In general, the buffer size is 25 feet; however, the size and shape was adjusted to accommodate/utilize the surrounding infrastructure and account for the existing visual barriers present at the nest site.

Photo 1

Location	SERC – Eastern Parcel	**Description**	Egg observed on the beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the SERC Eastern Parcel, approximately 10 feet above the ground. No nesting material was present at time of initial observation.

Photo 2



Location	SERC – Eastern Parcel	**Description**	Overview of nest site located under the southeast corner of the air compressor awning between Units 1 and 2 in the SERC Eastern Parcel, approximately 10 feet above the ground.

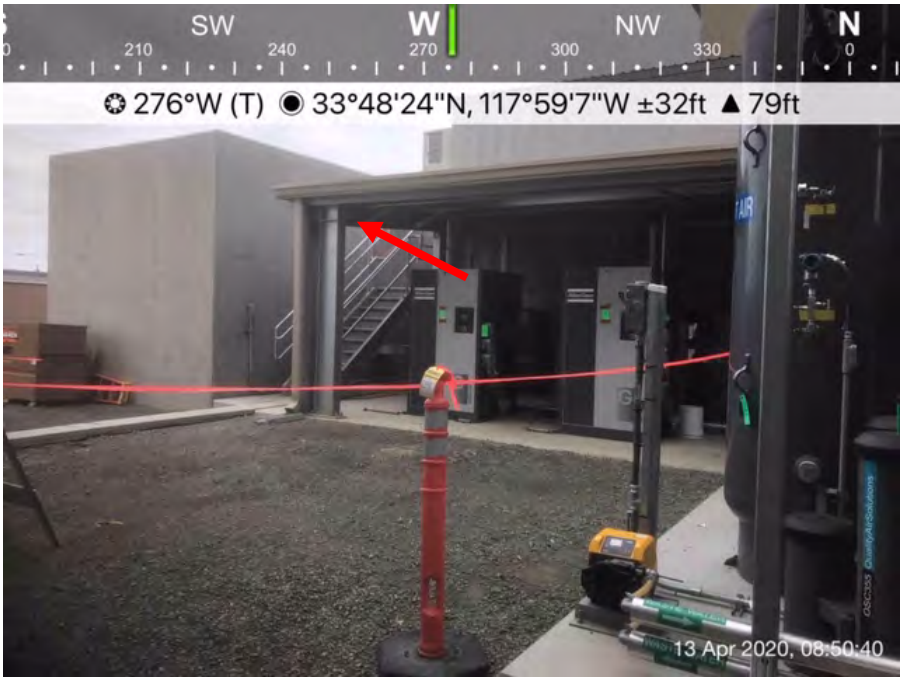
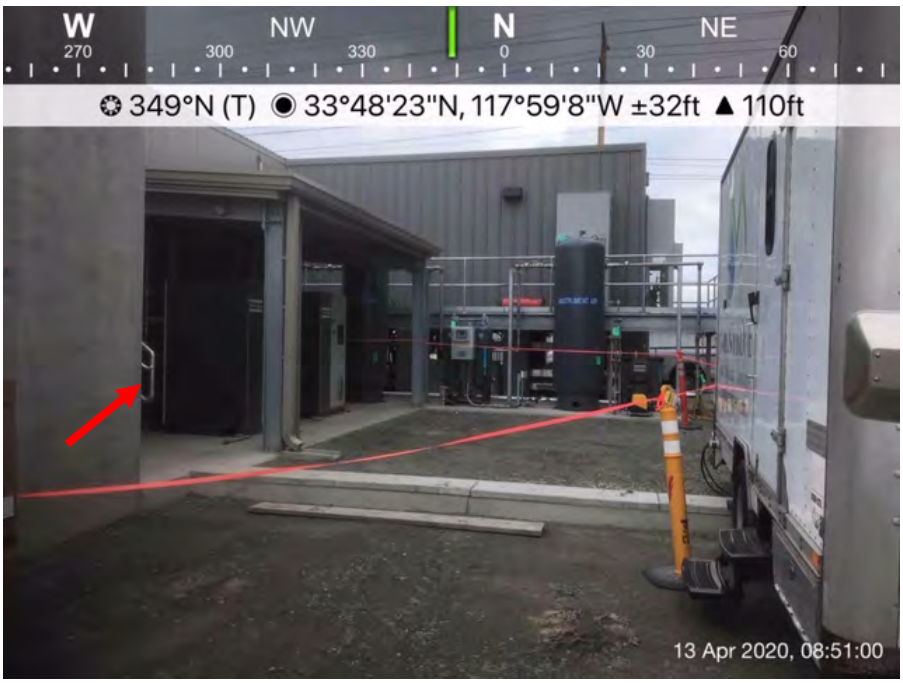
Photo 3			
			
Location	SERC – Eastern Parcel	**Description**	A buffer was established to protect the nest from disturbance. In general, the buffer size is 25 feet; however, the size and shape was adjusted to accommodate/utilize the surrounding infrastructure and account for the existing visual buffers present at the nest site.
Photo 4			
			
Location	SERC – Eastern Parcel	**Description**	View of the buffer from south of the nest site. The stairs located south of the awning/nest site were blocked off as part of the buffer to prevent ingress/egress.

Figure 1. Google Earth image of SERC mourning dove nest location (indicated by yellow pin) and surrounding buffer (indicated in red). The nest is located on the beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the SERC Eastern Parcel, approximately 10 feet above the ground. The beam structure and overhead awning provide a visual buffer. In addition, the area is closely surrounded by buildings, walls, and other SERC infrastructure, effectively screening the nest from Project noise and activity (although not shown in Google Earth image). Coordinates: 33.8067461, -117.9852721.

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
4/27/2020 @ 1000 hrs	Cara Snellen	Jacobs

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

Overhead wire rack just east of the GSU in the East parcel. Coordinates: 33.806427, -117.9865712.

Wildlife Species Name	Condition of Wildlife (alive/dead, size, age, weight, etc.)
Mourning dove (*Zenaida macroura*) nest	Alive (adult on nest)

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

N/A

Current Location of Animal

Crew notified biologist of an active mourning dove nest located on a metal plate, approximately 20 feet above the ground, that connects a vertical beam to the overhead wire rack just east of the GSU in the East parcel. An adult was observed sitting low on the nest in incubation position.

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 nest location is approximately 20 feet above the ground and is partially concealed by the post and surrounding overhead rack infrastructure. No work will be conducted near the nest as the area is energized. Ongoing work activities in the surrounding area included gravel compaction of the north access road; ammonia tank fill; dust abatement. A no-disturbance buffer was established around the four vertical beams below the nest (approximately 4x4 feet); the nest is at the southeast vertical beam.

Photo 1			
			
Location	SERC – Eastern Parcel	**Description**	Overhead view of mourning dove nest location on metal plate approximately 20 feet above ground.
Photo 2			
			
Location	SERC – Eastern Parcel	**Description**	Overview of active mourning dove nest located on a metal plate that connects a vertical beam to the overhead wire rack just east of the GSU in the East parcel, facing southwest. A no-disturbance buffer was established below the nest within flagging and signs (approximately 4x4 feet). The nest is approximately 20 feet above ground at the southeast vertical beam.

Appendix E
Non-compliance Notifications

From: Heiser, John@Energy
To: Edens, Ava/SCO
Cc: Tim Bofman; Parker, Karen/SAC
Subject: [EXTERNAL] Re: Stanton Energy Reliability Center (16-AFC-1): BIO-8 Non-Compliance Notification
Date: Wednesday, April 22, 2020 12:21:20 PM

Hello Ava, thank youf or senidng in this informaiton. Tim reached out to me yesterday about these activites. SERC applied for the use of these offsite building(s) back at the end of February 2020. Staff has been aware of the bird nesting and buffer zone issues as well.. The staff approval for the use of the warehouse and offices was approved by the deputy director last night and the staff approval was docketed this morning.

I have forwarded the information to COC Bio staff to review and comment.

Thank you.

John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Wednesday, April 22, 2020 10:52 AM
To: Heiser, John@Energy <john.heiser@energy.ca.gov>
Cc: Tim Bofman <tbofman@wellhead.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>
Subject: Stanton Energy Reliability Center (16-AFC-1): BIO-8 Non-Compliance Notification

Dear John,

This email serves as a notification of non-compliance with California Energy Commission Condition of Certification BIO-8 for the Stanton Energy Reliability Center (SERC), 16-AFC-1. Nest surveys were performed on February 28, March 10, and April 10, 2020 for the newly proposed warehouse, however construction activities began before a nest survey "within the 3-day period preceding initiation of construction activity" was performed per BIO-8(2). On April 21, 2020 the biological monitor observed SERC construction activities in the warehouse building (on a portion of 10680 Fern Avenue, Stanton) proposed for warehousing/laydown in the Petition for Post-Certification Change submitted in February 28, 2020. The observed construction activities included a SERC Project fork-lift entering and exiting the warehouse and material storage.

In addition, an active house finch (*Haemorhous mexicanus*) nest was observed during the April 10, 2020 nest survey. This species is protected by the Migratory Bird Treaty Act (MBTA). The nest was located in the northwest corner of the warehouse on the underside of the roof awning. A no-disturbance buffer was not established at the time in compliance with BIO-8(3) because the nest was scheduled to be checked again during the next nest survey and prior to the use of the warehouse by the SERC Project.

The Statement of Staff Approval of Post-Certification Change was docketed today (April 22, 2020) by the CEC. Therefore an additional nest survey is taking place today and a no-disturbance buffer zone will be established around any active MBTA protected nests on-site.

Please let me know if you have any questions or concerns.

Thanks,
Ava

Ava Edens | Jacobs | SERC Designated Biologist | 949.404.2046 desk | 949.466.5178 mobile | Ava.Edens@jacobs.com | www.jacobs.com

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Appendix F
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.	Khaled [illegible]	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 [illegible]	GE	[signature]	3/3/2020
RE-TRAIN	7.	David Moore	Newtron	[signature]	3/25/2020 MB
RE-TRAIN	8.	Dan. D [illegible]	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.	[illegible]	Connect	[signature]	4/1/2020
	14.	Ignacio [illegible]	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

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No.	Employee Name	Company	Signature	Date
1.	John VanWay	MHASA	[signature]	4/6/20
2.	Gabriel Robles	Gabrielino/Tongva	[signature]	4/6/20
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Trainer: T. DRAPER Signature: [signature] Date: 4/6/20

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.	Daniel Avila	Montrose	[signature]	4/15/20
	2.	Nestor Gonzalez	Montrose	[signature]	4/15/20
	3.	Ali Aleshaiker	Montrose	[signature]	4/15/20
REFRESHER	4.	Jesus Madrigal	Alcorn	[signature]	4-16-20
REFRESHER	5.	JOSE IBARRA	ALCORN	[signature]	4-16-20
REFRESHER	6.	Nicholas Seckington	ARB	[signature]	4.16.20
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Trainer: T. DRAPER Signature: [signature] Date: 4/13/20

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.	Jacob Schaefe	ARB		4-20-20
2.	Raul Vargas	ARB		4-20-20
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Trainer: T. DRAPER Signature: _____ Date: 4/20/20

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.	MIKE MICCA	WELLHEAD		4/27/2020
2.	ZACH MOSER	MEE INDUSTRIES		4/27/2020
3.	Storm Fox	MEE Industries		4/27/2020
4.	Julian Bateman	MEE Industries		4/27/2020
5.	Jonathan Moore	MEE Industries		4-27-2020
6.	Chad Snyder	MEE Industries		4-27-2020
7.	ABUNDIO ROMAN	ARB/MEE		4-27-2020
8.	Rick Price	CONVERGINT		4-29-2020
9.	John Groenendaal	MAQS		4/29/20
10.	Christopher Sims	MAQS		4/29/20
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Trainer: T. DRAPER Signature: _____ Date: 4/27/20

Certification of Completion of Worker Environmental Awareness Education Program

Stanton Energy Reliability Center (SERC) Project, Orange County, California
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All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	Anthony Mellinger	Boer Backhoe		4-1-20
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Trainer: [illegible] Signature: [signature] Date: 04/01/2020

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

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No.	Employee Name	Company	Signature	Date
1.	DENIS VELA	JA. SALAZAR		4-2-20
2.	JUAN MENDOZA	J.A SALAZAR		4-2-20
3.	RAFAEL RIVERA	J.A SALAZAR		4/2/20
4.	Jorge Lopez	JA SALAZAR		4/2/20
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Trainer: Jorge Lopez Signature: Date: 04/02/2020

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

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No.	Employee Name	Company	Signature	Date
1.	Jose Luis Martinez	Granitex		4/3/20
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3.	Esteban Martinez	Granitex		4.3.20
4.	Angel Peralta	Granitex		4.3.20
5.	Luis Cortez	Fitz		4/3/20
6.	DAVID MARTINEZ	SUBTAGR		4/3/20
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Trainer: Jose Patricio Cruz Signature: _____ Date: 04/03/2020

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

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No.	Employee Name	Company	Signature	Date
1.	SUSTIN BOER	BOER BACKHOE		4-4-20
2.	Jose Luis Martinez	Granitex		4-4-20
3.	Ezequiel Vazquez	Granitex		4-4-20
4.	Edwin Orellana	Granitex		4-4-20
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Trainer: Jose Luis Martinez Signature: Date: 04/04/2020

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

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No.	Employee Name	Company	Signature	Date
1.	John VanWoy	MHPSA		9/6/20
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Trainer: Jorge Renteria Signature: _____ Date: 09/06/2020

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

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No.	Employee Name	Company	Signature	Date
1.	Justin Rainwater	TTSC		4-7-20
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Trainer: [illegible] Signature: [signature] Date: 04 / 07 / 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.	Randy Granger	SCC		4/14/2020
2.	JASON MEYER	TTSC		4-14-20
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Trainer: Jorge Restrepo Signature: Date: 04 / 14 / 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

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No.	Employee Name	Company	Signature	Date
1.	HUMBERTO SANCHEZ	Southern		4-16-20
2.	STACY LEONE	Southern		4-16-20
3.	Cesario Martinez	Granitex		4-16-2020
4.	Brandon Upchurch	Southern		4-16-2020
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Trainer: Jorge Renteria Gomez Signature: _____ Date: 04 / 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

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No.	Employee Name	Company	Signature	Date
1.	OMAR PIÑONES	O.P. STEEL		4/17/20
2.	Carlos Garcia	O.P. STEEL		4/17/20
3.	Keith Kitowski	SCC		4/17/20
4.	Salvador Ceja	SCC		4-17-20
5.	Frank Miranda	Scc		4-17-2020
6.	Blake Pavlino	SCC		4-17-2020
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Trainer: Jose Pedro Garcia Signature: _____ Date: 04 / 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

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No.	Employee Name	Company	Signature	Date
1.	Rafael Fuentes	CP Steel	Rafael Fuentes	4/18/2020
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Trainer: [illegible] Signature: [signature] Date: 04 / 18 / 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

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No.	Employee Name	Company	Signature	Date
1.	Victor A. Villa	Southern		04/21/2020
2.	Giovanni Lafever	Southern		04/21/2020
3.	JESUS SILVA	SOUTHERN		4/21/2020
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Trainer: Jesse R. Garcia Signature: Jesse R. Garcia Date: 04/21/2020

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.	Juan Parada	Granitex		29-4-2020
2.	Gonzalo García	CPI Empire		29-4-2020
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Trainer: Jorge Patricio Orellana Signature: _____ Date: 04/24/2020

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.	KEVIN MUNOZ	BOER Backhoe	K. M	4/27/20
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Trainer: Jorge Renteria Garcia Signature: [signature] Date: 04/27/2020

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.	RICH Cordes	Barneys Electric		4-28-20
2.	Javier martinez	BARNEYS ELECTRI		4-28-20
3.	Miguel Escobedo	Barney's Electric		4-28-20
4.	MARGARITO RODRIGUEZ	BARNEYS ELECTRIC		4-28-20
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Trainer: Jorge Bedoya Garcia Signature: Date: 04 / 28 / 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.	Everardo Montes	Granitex	E. Montes	4-29-20
2.	OMAR MONTES	GRANITEX	Omar Montes	4-29-20
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Trainer: Jorge Ramirez Signature: _____ Date: 04 / 29 / 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.	Santos Luna	Barneys Elect.		04-30-20
2.	Manuel Nuñez	Granitex	Manuel Nuñez	4-30-20
3.	Matthew Dominguez	Mad Steel		4-30-20
4.	Oscar-Soto	MAD Steel		4-30-20
5.	Jose Aguilar	Mad Steel		4-30-20
6.	Al Dominguez	Mad Steel		4-30-20
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Barneys

Trainer: Jorge Bustamante Signature: _____ Date: 04 / 30 / 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) April 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: April 2020

This April 2020 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from April 1 through April 30, 2020 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. Excavations in April included those for fence posts on Parcels 1 and 2 of the SERC plant, for electrical conduit and grounding cables on Parcel 1 of the SERC Plant, for off-site utilities at the intersection of Fern Avenue and Pacific Street, for the parking lot and BESS site on Parcel 2, and for the Southern California Gas (SoCalGas) electrical and communication connections in the MSA Yard. 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

Cultural Resources Monitors (CRMs) Jennifer (McElhoes) Moritz, John McDermott, Jeanette (Maldonado) Lizarraga, and Ryan Moritz monitored during this reporting period.

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

TABLE 1

Number of CRMs and NAMs Present, by Date

Date	CRMs	NAMs
04/01/2020	3	1
04/02/2020	2	1

TABLE 1

Number of CRMs and NAMs Present, by Date

Date	CRMs	NAMs
04/03/2020	2	1
04/04/2020	1	1
04/06/2020	1	1
04/07/2020	1	1
04/08/2020	1	1
04/09/2020	2	2
04/10/2020	1	1
04/13/2020	1	1
04/14/2020	1	1
04/15/2020	1	1
4/16/2020	1	1
04/17/2020	1	1
04/18/2020	1	1
04/20/2020	1	1
04/27/2020	1	1
04/28/2020	1	1
04/29/2020	1	1
04/30/2020	1	1
Total CRM/NAM-Days	25	21

Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Wednesday, April 1, 2020. Activities monitored on the SERC plant included excavations for the electrical conduit and grounding cables on Parcel 1, augering for fence posts on Parcels 1 and 2, grading for the parking lot on Parcel 2, and excavations associated with the BESS site on Parcel 2. Monitoring activities associated with the plant site included off-site trench excavations for a vault at the intersection of Fern Avenue and Pacific Street. Electrical conduit excavations reached up to 4 feet below current surface. Excavations for the grounding cables reached up to 2 feet below current surface. Augering for fence posts extended to 5 feet below current surface. The utility vault trenching reached up to 5 feet below current surface. Grading for the parking lot extended up to 4 feet below original surface and excavations for the BESS reached up to 9 feet below the original surface.

Activities monitored on the gas pipeline included hand excavations and hand augering for the electrical and communication connections. Work occurred at the MSA Yard adjacent to the SERC plant. Depths extended up to 4 feet below the original surface for the electrical lines and up to 6 feet below the original surface for the communication

lines.

Native sediments were observed in all excavations in April. Native sediments observed on the plant site began approximately 2 feet below the current surface and consisted of light brown moderately compacted and medium-grained sand. On Parcel 2, a moderately compacted brown silty sand with clay clumps and some brown clay loam was observed approximately 3 feet below the original surface. At 8 to 9 feet below the original surface on Parcel 2, sediment was a medium brown clay. Native sediments observed in the storm drain trenching on Parcels 1 and 2 began 4 feet below ground surface and consisted of light brown loamy fine- to medium-grained sand with moderate compaction. Observed sediments on the pipeline 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. The sidewalls were prone to collapse, and the trench was shored with plywood panels or metal plating. 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.

One Non-Compliance and Resolution report was filed with the CEC in April. Excavations into native soil without a CRM present which occurred in March were discovered on April 1, 2020 at Fern Avenue and Pacific Street on the off-site water line excavation. A review of the WEAP training logs, completed by WEAP trainer, Ava Edens, Jacobs Engineering, showed that the contractor, JA Salazar, had not completed the required WEAP training. At end of day on April 1, 2020, JA Salazar was not scheduled for any additional work on the SERC project; however, the following day, the contractor was again found excavating without a CRM, not having contacted SERC to schedule the work or a CRM. The first violation of CUL-6 was immediately reported to the CRS by the onsite CRM on April 1, 2020. The additional violation of CUL-6 was reported to the Jacobs PM immediately by the onsite NAM on April 2, 2020. The SERC CRS Phil Reid issued a stop work order until the crew could be WEAP trained and a CRM could be assigned to monitor the work.

Cultural Resources Discoveries This Period

One cultural resource was discovered on Parcel 2 during excavations for the BESS in April 2020. The newly discovered resource consists of a subsurface refuse deposit containing 11 complete bottles, fragments from clear green and brown glass bottles, fragments of porcelain, pieces of well rusted undifferentiated metal, and two non-human mammal bones. One is saw cut and the other is a rib fragment. Maker's marks date primarily between the late 1930's and the late 1950s. The deposit occurs within highly disturbed soils and is similar to other historic material found at the SERC site in type and age that were determined to be not eligible for the CRHR.

A complete research design was presented in the CRMMP (Reid, 2018). The purpose of the research design is to provide a theoretical framework to guide the evaluation for the eligibility to the CRHR of any previously undiscovered cultural resources. Research questions posed in the CRMMP under historic archaeology include the themes of 1) commerce and industry; 2) consumer behavior and ethnicity; and 3) influence of

agriculture. These themes are discussed below, with the exception of the influence of agriculture. The refuse deposit is not related to agriculture.

Studies of consumer behavior can focus on the examination of refuse deposits associated with specific sites and may provide information on the consumer practices and disposal behavior of members of specific social, occupational, economic, or ethnic groups, and may add to knowledge of the use and availability of various kinds of consumer goods at specific times and places. In addition, such examinations can often provide information on relationships between social groups, the influences of economic classes, and the development of mass production and world trade systems (Praetzellis and Praetzellis, 1993). The refuse deposit at SERC does not contain any items which are diagnostic to any member of a specific social, occupational, economic or ethnic group. The items are ubiquitous and do not provide any new information about the use or availability of consumer goods. The refuse deposit does not contain the potential to offer any new information to this research theme.

Commerce and industry are important themes in the area, which was developed with a mix of industry and residences by the mid-1900s. Industry remains important to the area to the present day. Information from the archaeological remains of industrial archaeological deposits can provide insight into the history of the area's industry, the ethnicity of the people who established the city, and various technologies. SERC-S-5-20 is a mix of household type refuse and does not provide any information to this research theme.

SERC-S-5-20 is a small deposit of historic refuse that does not appear to meet any of the criteria for eligibility to the CRHR. The deposit appears to represent a single episode of refuse disposal in highly disturbed soils within a fill stratum. The 1942 15' Anaheim, CA USGS topo map and the 1965 7.5' Anaheim, CA USGS topo map were reviewed. Buildings are noted in the vicinity, but not at the location of the refuse deposit. The deposit cannot be attributed to any important events in history or any group or individual (Criteria 1 and 2). Also, the deposit embodies no distinctive characteristics of a type, period, region, or method of construction nor does it possess any high artistic value (Criterion 3). Finally, this resource does not have any potential to yield new important information to local, state, or national history as described by the research questions posed in the CRMMP (Criterion 4). The deposit does not meet any of the criteria for eligibility for the CRHR and is not a unique archaeological deposit. As the deposit is not eligible for inclusion on the State register, the documentation of this refuse scatter on the appropriate California DPR forms would appear to exhaust the deposits' data potential.

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 specialists as needed.	**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
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. • Although a violation of CUL-2 occurred in April, this was addressed, and all planned excavations are presented to the CRS or Alt CRS for review to determine if a CRM needs to be present. The project is currently in compliance.
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). • Although one violation of this COC was identified during the month of April, this has been resolved and all crews currently onsite at the SERC have been WEAP trained and the project is currently in compliance.

TABLE 2

Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
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 were two incidents this month, where excavations into native soil were conducted without a CRM present. These were addressed with the contractor and resolved, and the project is currently in compliance.
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. • If the find would be of interest to Native Americans, the CRS must notify Native American groups that have expressed an interest in notification.	**In compliance** • One cultural resources discovery was made this month, a small collection of historic refuse. The find was recorded on DPR-523 forms and the CPM was notified. • No human remains have been 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

The majority of on-site staff received cultural resources Worker Environmental Awareness Program (WEAP) training prior to starting work on site this month. From April 1 to 30, 2020, a total of 75 persons completed the SERC WEAP training. Training was provided to the contractor JA Salazar on April 2, 2020, two weeks after the contractor started work on the SERC project, to resolve the violation of CUL-5 discovered on April 1, 2020. The hard copy training logs for the April 2020 reporting period are included in the Biological Resources Monthly Compliance Report.

Anticipated Changes in the Next Period

Most major excavations have been completed by April 30, 2020. Additional limited excavations will occur in May 2020. 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
April 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 April 2020, as required by California Energy Commission license Condition of Certification PAL-6.

Personnel Active in Paleontological Monitoring This Period

None – Please see below.

Monitoring and Associated Activities This Period

PaleoWest's Principal Investigator, Niranjala Kottachchi conducted the paleontological monitoring program for the Project. Pipeline construction by SoCal Gas and ARB continued intermittently during the month of April. SoCal Gas conducted activities in the MSA Yard. Additional work was conducted at the SERC Plant Parcel 1 and 2. All excavations during pipeline trenching and excavations at the Plant 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), both of which have low paleontological sensitivity. Due to the nature of the soils, no paleontological monitoring was required.

Paleontological Resources Discoveries This Period

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

Anticipated Work and/or Changes in the Next Period

Excavations in Parcel 1 and 2 at the SERC Plant are scheduled to continue in May 2020.

Comments, Issues or Concerns

None to report.

Attachment 8 – ELEC-1

MEMORANDUM – DCBO APPROVAL

DATE: April 22, 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

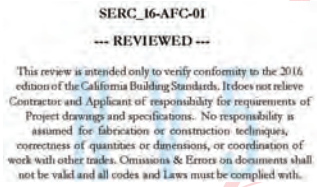
CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-33.0_BOP Install Cbl Term List Part VII-E_REV0_200407_PCF

MEMORANDUM:

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

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



Digitally signed by Alan Vallow, PE
Reason: Reviewed for Code Compliance
Date: 2020.04.22 18:04:01 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: April 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-SI-0058 East Gate Operator_200331_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: 2020.04.16 07:59:56 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: April 22, 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

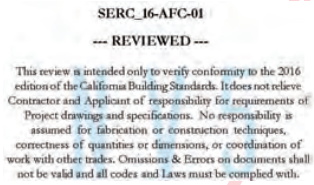
CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-SI-059 Termination of Gen Auto Sync_200407_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.



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Reason: Reviewed for Code Compliance
Date: 2020.04.22 17:26:59 -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:0428L4B74B1C000346
Payment Number	51943078
Debit Account	SERC OP - ******6538
Debit Amount	159,097.73 USD
Value Date	04/28/2020
Send Date	04/28/2020
Frequency	One-Time Only
Reference for Recipient	SERC
Details of Payment	Stanton Energy Reliability Center Invoice 155767
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

<Attachment 11 has been deliberately left blank in this reporting period>

Attachment 12 – Gen-7 Discrepancy

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Attachment 13 – GEN-8 Final Inspections

April 3, 2020

Kobelco Compressors America Inc
1450 W Rincon St
Corona, CA 92880-9205

Attention: Jose Haro

UL Order Number: 12925168

Subject: Field Evaluation of (1) Pressurized Control Panel

Dear Mr. Haro:

UL has completed a Field Evaluation of the above subject equipment. Please find attached one electronic copy of the final report(s) for this project. With the issuing of this report, we are closing this project and notifying our accounting department to invoice you for any outstanding charges. This report should be reviewed to verify that the information provided is complete and correct, and to determine whether further action may be required by the AHJ for final approval of the installation.

If you have any questions, or if we can be of service in future projects please do not hesitate to call anytime.

Kind regards,

Cathy Sledjeski
Project Handler II
Field Engineering Services

Direct Line: 813-253-9489
Email: Cathy.Sledjeski@ul.com

CC: R. Lee Shick - Construction Manager,
City of San Diego

Field Evaluation Services
Final Report

For

(1) Pressurized Control Panel
(2) For use in a Class I, Div. 2 Hazardous (Classified) Location

Requested by:

Kobelco Compressors America Inc
1450 W Rincon St.
Corona, CA 92880-9205

UL Order Number - 12925168

Installation Site and Authority Having Jurisdiction:

Stanton Energy Reliability Center, LLC
10711 Dale Ave.
Stanton, CA 90680

City of San Diego
San Diego, CA 92128

Report by: David E. Drewes
David E. Drewes, CA PE (E17168)
Staff Engineer

Reviewed by: Terran L. Weitzel
Terran L. Weitzel
Staff Engineer

UL LLC
333 Pfingsten Road, Northbrook, IL 60062-2096 USA
T: 847.272.8800 / F: 847.272.8129 / W: UL.com

Report Date: April 2, 2020

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1 Executive Summary

Federal OSHA requirements mandate that all electrical equipment in the workplace be “certified” or subjected to a complete and thorough evaluation before use (29 CFR 1910.303 and 1910.399). Many state, county and city electrical jurisdictions have similar requirements. A UL Field Evaluation is an accepted approach to meet this requirement; UL conducts an unbiased, independent assessment of products at a specific location to essential requirements of applicable product safety standard(s). UL’s engineering assessment informs regulating authorities who make product and related installation approval decisions.

Please note that the regulating authority for the final installation site provides final approval of this equipment and the installation.

This project’s purpose was to evaluate a product that was not Listed or otherwise certified by a testing laboratory recognized by the authority having jurisdiction. Products undergoing this evaluation process do not acquire a UL Listing, UL Recognition, or UL Classification. UL has not established factory Follow-Up Services to determine the conformance of any subsequently produced, relocated, or otherwise altered product(s) or system(s).

Installation model codes are referenced in this document where necessary to ensure the product can be properly installed according to the code (e.g. National Electrical Code, NFPA 70).

At the request of Jose Haro of Kobelco Compressors America Inc, a Field Evaluation project was initiated.

A Final Evaluation was completed at:

- Stanton Energy Reliability Center, LLC, 10711 Dale Ave , Stanton, CA

Based on the inspection, testing, and evaluation completed, UL considers the product to be suitable for application of the Field Evaluation Product Mark and for use in accordance with any conditions of acceptability stated in this report.

2 Conditions of Acceptability

Except where otherwise stated in the product description and evaluation sections of this report, this evaluation and the application of the Field Evaluated Product Mark is subject to the following Conditions of Acceptability.

2.1 Except for like-for-like component replacement in the event of component failure, no change or addition to the product or system shall be made that would alter its construction, operation, function, layout, source of supply, physical location or operating environment. If such changes or additions to the product occur, the Field Evaluated Product Mark shall be considered invalid, and a separate evaluation shall be required to determine compliance with applicable product safety standards under the changed conditions.

2.2 The completed evaluation and application of the UL Field Evaluated Product Mark by UL does not assume liability on the part of UL and does not relieve the manufacturer, installer, user, or other relevant parties of their responsibilities. The product evaluation is based on adherence to sound engineering practices, and compliance with the applicable product safety standards and installation code.

2.3 This evaluation considered the risks associated with electric shock, fire, and casualty hazards as specified in the evaluation section of the report only. No other hazards were evaluated during this evaluation.

2.4 The product was not evaluated for installation in an environment subject to water spray, steam, or exposure to any corrosive chemicals that deteriorate the enclosure or components.

2.5 The product was evaluated for installation in a hazardous classified location as defined in the latest edition National Electrical Code as adopted by the National Fire Protection Association. Others determined the classification of the area surrounding and about the evaluated equipment.

2.6 The UL Field Evaluated Product Mark shall not be considered as equivalent to the UL Listing Mark, UL Recognized Component Mark, or UL Classified Product Mark. The UL Field Evaluated Product Mark indicates compliance with the applicable parts of the Standards referenced in Section 3 at the time the Mark was applied, and considering only the final installation site. The applicable parts included in the evaluation are the construction review, markings, and those testing protocols that are non-destructive.

3 Referenced Standards

- NFPA 70, National Electrical Code - 2017, 1st Edition
- UL 508A, Standard For Industrial Control Panels, 2nd Edition, Revised 07/31/2017
- NFPA 496, Purged And Pressurized Enclosures For Electrical Equipment, 2017 Edition

4 Product Description

Equipment Name:	(1) Pressurized Control Panel for use in a Class I, Div. 2 Hazardous (Classified) Location
Description:	The Equipment Under Review (EUR) is a control panel, designated LCP-101, installed on a natural gas compression skid. The method of protection for the panel is a UL Listed Type Z Pepperl & Fuchs Pressurization System. The panel is supplied by 2 separate 120V circuits, one for control circuit power and the second for power to an internal panel heater and for an external 1/4 HP fan motor. The scope of the evaluation is for the control panel and purge system only, and does not include any part of the skid and its suitability for installation into a Hazardous (Classified) Location.
Manufacturer:	Kobelco
Model Number:	LCP-101
Serial Number:	LCP-101

Photo 4.0.1 – Overall view of Panel

4.1 Nameplate Data

Electrical Ratings

Volts	120 Vac
Amps	6.8 A
Phase	1
Wire	2
Frequency	60 Hz
Short Circuit Current	5000 Amps
Enclosure Type	4X
Additional Rating	120V 8.8 A

Equipment Hazardous Classification Rating

Class	I
Division	2
Groups	C, D
Temperature Code	T4

4.2 Field Evaluation Label

UL Engineers have determined that the subject product complied with the Standards referenced in Section 3 and the following UL Field Evaluated Product marks were applied.

- FE-519888 Date Applied: 04/01/2020

5 Evaluation Discrepancies

This section details the non-compliant findings of the preliminary evaluation. Unless corrective actions are described, a final evaluation is necessary to complete all remaining tests and verify that changes have rendered the equipment compliant.

5.1 Enclosure Type Ratings

Reference:

UL 508A, 2nd & 3rd Edition, Section 19.3

Openings provided in enclosures for mounting components shall be covered with components intended for such mounting. For an enclosure type specified in column 1 of Table 19.2, openings provided for components, including ventilation openings, or observation windows, shall be closed with components that have been evaluated for one of the enclosure Types in column 2 of Table 19.2.

Table 19.2
Openings for components in enclosures with environmental rating other than Type 1

Enclosure type (Column 1)	Openings are able to be closed by equipment marked (Column 2)
2[a]	2, 3, 3R, 3RX, 3S, 3SX, 3X, 4, 4X, 5, 6, 6P, 12, 12K, 13, "Wet Location", or "Raintight"
3	3, 3S, 3SX, 3X, 4, 4X, 6, 6P
3R[b]	3, 3R, 3RX, 3S, 3SX, 3X, 4, 4X, 6, 6P, "Wet Location," or "Raintight"
3RX	3RX, 3SX, 3X, 4X
3S[c]	3, 3S, 3SX, 3X, 4, 4X, 6, 6P
3SX[c]	3SX, 3X, 4X
3X	3SX, 3X, 4X
4	4, 4X, 6, 6P
4X	4X, 6P
5	3, 3R, 3RX, 3S, 3SX, 3X, 4, 4X, 5, 6, 6P, 12, 12K, 13, "Wet Location," or "Raintight"
6	6, 6P
6P	6P
12, 12K	12, 12K, 13
13	13

[a] Type 1 components, ventilation openings, or observation windows are able to be installed when their profile outside the enclosure is completely protected by the drip shield from water dripping vertically downward from above.
[b] Components marked "Weatherproof" or "Rainproof" are able to be installed below all other live parts within the enclosure.
[c] Components with external operating mechanisms shall be Type 3S or 3SX for use on a Type 3S enclosure, or Type 3SX for use on a Type 3SX enclosure.

Discrepancy:

The Listed panel enclosure is rated Type 4, 4X and 12. The push buttons and pilot lights mounted through the door are rated Type 4 and 4X (not including 12).

Action Required: The panel nameplate shall include the rating "Type 4X"

Corrective Action:

Verified - 3-20-2020- Marked Type 4X.

Photo 5.1 – Shows Type Rating

5.2 Branch Circuit Protection

Reference:

UL 508A, 2nd & 3rd Edition, Sections 31.1.7 and 60.1

31.1.7 The following shall not be relied upon to provide branch circuit protection:

a) A supplementary protector that complies with the Standard for Supplementary Protectors for Use in Electrical Equipment, UL 1077;

b) Miscellaneous, miniature, and micro fuses that comply with the Standard for Low-Voltage Fuses - Part 14: Supplemental Fuses, UL 248-14; and

c) A manual motor controller provided with an instantaneous-trip overcurrent mechanism that complies with the Standard for Industrial Control Equipment, UL 508.

60.1 An industrial control panel provided with a power circuit where the disconnecting means, branch circuit protection and/or motor overload protection is omitted shall be marked to indicate that these devices shall be provided by the installer. The marking for field installed branch circuit protection shall include the size and type of protection when required as a result of a component marking as indicated in 31.2.2.

Discrepancy:

Components identified as CB101, 102 and 103 are UL certified as supplementary protectors and not circuit breakers. These are being relied on as the branch circuit devices.

Action Required: Replace the devices described above with one of the following Certified, suitably sized devices:

a. Circuit Breakers – UL 489, Molded-Case Circuit Breakers. Product will bear the UL Listing mark (UL in a circle) and the words “Circuit Breaker” or “C.B.”

b. Fuses – UL 248, Low-Voltage Fuses, of Class CC, CF, G, H, J, K, L, R, or T. These fuses are able to provide branch circuit protection. Product will bear the UL Listing mark (UL in a circle) and the word “Class” followed by one of the designations noted above. If using fuses to provide protection, then fuse replacement markings shall be added, either adjacent to the fuseholder or in the form of a chart matrix, on the inside of the enclosure door, specifying the fuse location which correlates to the schematic identification; minimum voltage, maximum current, and type of fuse (for example, Class R, CC, CF, etc.).

Update - 3-20-2020 – Supplementary Protectors were not changed to UL Listed type Circuit Breakers.

Corrective Action:

Verified - 4-1-2020 - Panel was fed by UL Listed circuit breaker that was determined to meet the requirement above.

5.3 Motor Overload Protection

Reference:

UL 508A, 2nd & 3rd Edition, Sections 34.3.1 and 34.3.4

34.3.1 Motor overload protection shall be provided for each individual motor circuit.

Exception No. 1: Branch circuit protection complying with 34.3.4 is not required to comply with this requirement.

Exception No. 2: A panel having a field wiring diagram marked in accordance with 60.1 to indicate that required protection is to be provided in the field is not required to comply with this requirement.

34.3.4 Branch circuit protection complying with 34.3.2 and sized with not more than 115 percent of the motor full-load current rating provides required motor overload protection as well as required branch circuit protection. A marking shall be located next to the fuseholder in accordance with 56.1.

Discrepancy:

The 1/4 HP motor identified as FM-0002 does not have an overload device and is currently on a branch circuit with only supplementary protectors provided as the branch circuit protection. It was verified that the motor installed on the skid does not contain internal overload or over temperature protection.

Action Required: A UL certified motor overload device shall be added to the motor circuit. Based on discussions at the time of the preliminary evaluation the use of a suitable branch circuit device such as a UL Listed circuit breaker or branch circuit fuse such as Class CC sized at 6 amps would provide both branch circuit and overload protection for the motor. (See related discrepancy 5.2)

Update - 3-20-2020 - Motor is thermally protected. Circuit Breaker will need to be changed with a UL Listed 489 Branch Circuit Breaker per item 5.2.

Note – The motor is not under UL's scope however, the Panel is rated Class I, Div. 2 Groups C & D with a Temperature Code of T4. The motor is rated Class I, Group D with a T code of T3C. AHJ shall review area classification to ensure this motor meets the rating requirements.

Corrective Action:

Verified - 4-1-2020 - Panel was fed by UL Listed circuit breaker that was determined to meet the requirement above. Motor is thermally protected.

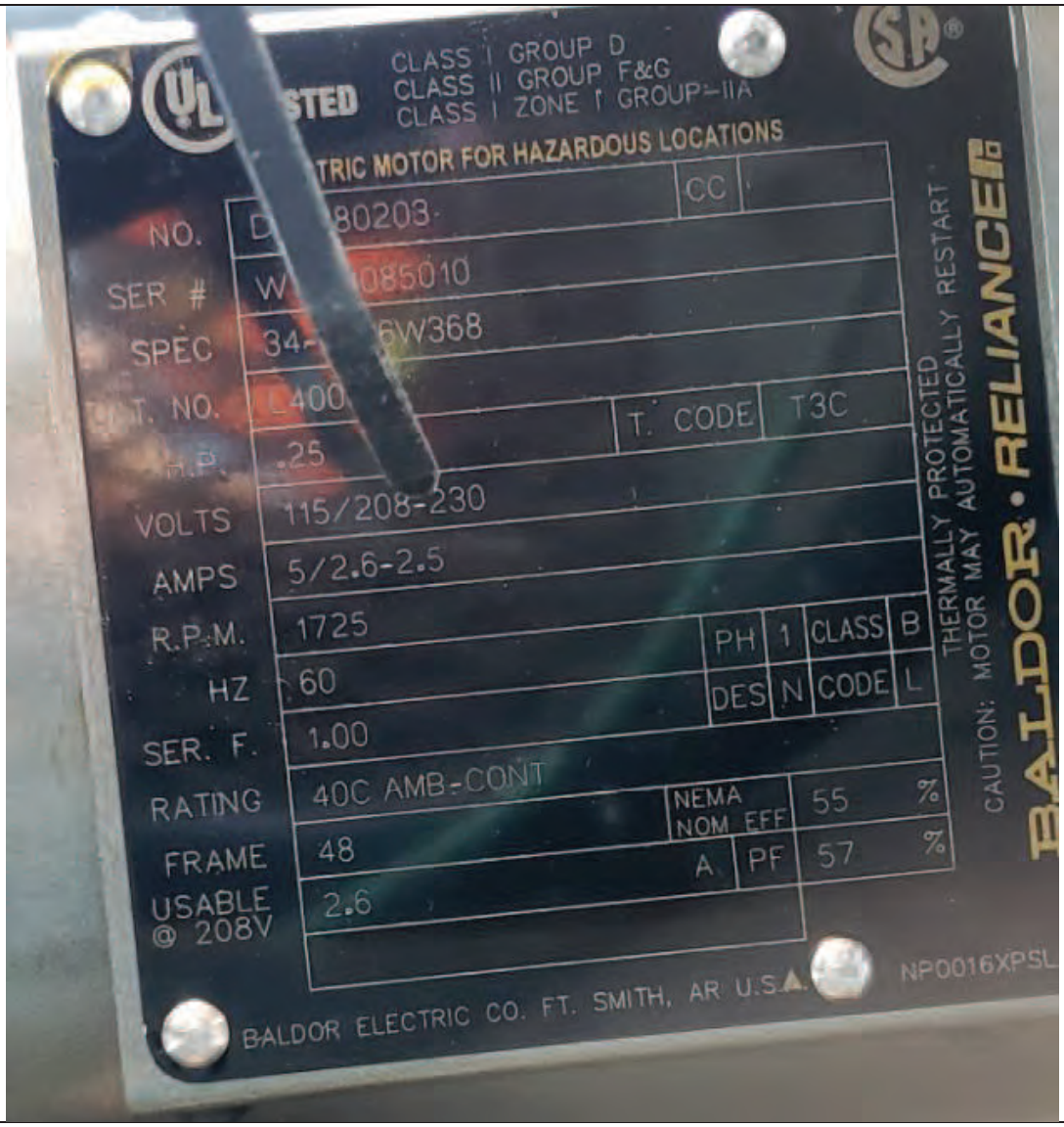


Photo 5.2 – Shows Motor Nameplate

5.4 Panel Enclosure Light

Reference:

UL 508A, 2nd Edition, Section 4.1

4.1 Except as indicated in 4.2, a component of a product covered by this standard shall comply with the requirements for that component. See Appendix A for a list of standards covering components used in the products covered by this standard.

Discrepancy:

The installed panel enclosure light has the marking "DC Class 2 Circuit Only." This device is being powered by a 24Vdc power supply which is not a Class 2 type.

Action Required: The light shall be supplied with a suitable class 2 power source or replaced with a certified light that does not require a class 2 power source. Note: A suitable UL certified replacement light was suggested by the client during the preliminary.

Corrective Action:

Verified - 3-20-2020 - Replaced with a UL Recognized Lamp that does not require a class 2 power source.

Photo 5.4 – Shows Replacement Light

5.5 Purge Panel Marking

Reference:

NFPA 496, 2017 Edition, Section 4.12

4.12.1 A permanent marking shall be on the protected enclosure in a prominent location so that it is visible before the protected enclosure can be opened.

4.12.2 The marking required by 4.12.1 shall include the information specified as follows:

(1) The following statement or an equivalent statement:

WARNING — PRESSURIZED ENCLOSURE — This enclosure must not be opened unless the area atmosphere is known to be below the ignitable concentration of combustible materials or unless all devices within have been de-energized.

(2) The external area classification for the protected enclosure

(3) The pressurization type (e.g., Type X, Type Y, or Type Z)

(4) The temperature class (T Code) or the operating temperature in degrees Celsius as determined in Section 4.6

Discrepancy:

The above warning markings were not applied externally to the panel enclosure.

Action Required: Marking shall be added externally to the panel. This shall include the statements:

WARNING —

PRESSURIZED ENCLOSURE —

This enclosure must not be opened unless the area atmosphere is known to be below the ignitable concentration of combustible materials or unless all devices within have been de-energized."

"Class I, Division 2, Groups C & D" ---- Note the "Class I" is a roman numeral I, not 1.

"Pressurization Type Z"

Temperature Class T4

Corrective Action:

Verified - 3-20-2020 - The above markings were applied to the enclosure as required.

Photo 5.5 – Shows Marking

5.6 High Temperature Components Marking

Reference:

NFPA 496, 2017 Edition, Section 4.12.4

Where 4.6.1, Exception (1) or (2) is used, the following or equivalent statement shall appear in a permanent marking:

WA R N I N G:

HIGH-TEMPERATURE INTERNAL PARTS

This enclosure must not be opened unless the area atmosphere is known to be below the ignitable concentration of combustible materials or unless all equipment within has been de-energized for ____ minutes.

Discrepancy:

There are parts internal to the panel such as panel heaters, that it is difficult to determine the proper temperature code.

Action Required: As a precaution, the above Warning marking shall be added to the exterior door of the enclosure with the wait time of 45 minutes.

Corrective Action:

Verified - 3-20-2020 - Warning Marking was applied external to the enclosure as required.

Photo 5.6 – Shows Marking

5.7 Type Z Purge Pressure Test

Reference:

NFPA 496, 2017 Edition, Section 4.9.1

4.9.1 Detection shall be provided to indicate failure to maintain positive pressure within a protected enclosure.

Discrepancy:

During the preliminary evaluation a test of the Type Z purge system was not performed.

Action Required: During the final evaluation, a test of the purge system detection system is required. The test will include full purge of the system as described in the purge system operational manual.

Update 3-20-2020 - The purge system pegged the meter and was not able to be adjusted. **ACTION REQUIRED:** Have the pressurized system operational before scheduling the final evaluation.

Corrective Action:

Verified - 4-1-2020 - Purge system operated as required.

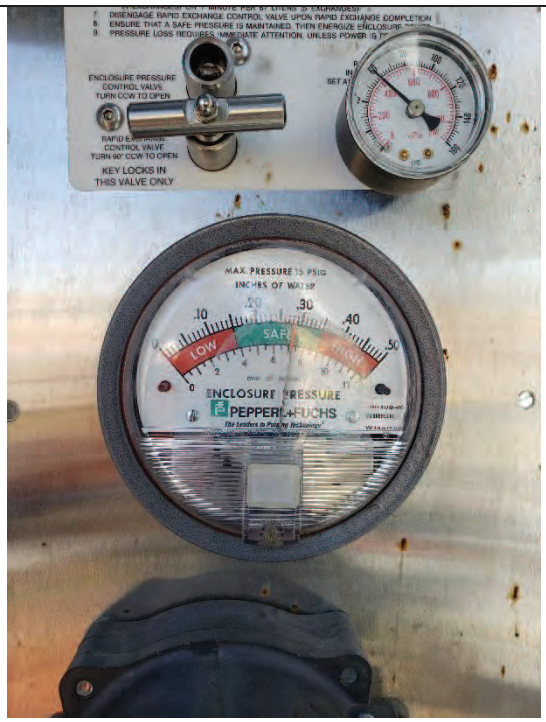


Photo 5.7 – Shows Gauge

5.8 Protective Gas Supply Alarm/Marking

Reference:

NFPA 496, 2017 Edition, Section 4.9.2

4.9.2 Any protected enclosure that can be isolated from the protective gas supply shall be equipped with an alarm.

Exception: The protected enclosure shall be permitted to be equipped with an indicator where the isolation is done with a valve(s) that complies with the following:

(1) The valve is immediately adjacent to the protected enclosure.

(2) The valve(s) is intended for use only during servicing of the protected enclosure.

(3) The valve(s) is marked as required in 4.12.5.

4.12.5 Where 4.9.2, Exception is used, the following or equivalent statement shall appear in a permanent marking:

WA R N I N G:

PROTECTIVE GAS SUPPLY VALVE

This valve must be kept open unless the area atmosphere is known to be below the ignitable concentration of combustible materials or unless all equipment within the protected enclosure is de-energized.

Discrepancy:

There is a valve on the skid adjacent to the panel which controls the purge air supply.

Action Required: A tag shall be placed on the valve controlling the purge with the above warning statemen.

Corrective Action:

Verified - 3-20-2020 - Marking was provided as required.

Photo 5.8 – Shows Marking

5.9 Rating Nameplate Missing

Reference:

UL 508A, 2nd & 3rd Edition, Section 52.1

An industrial control panel shall be provided with a nameplate marking that includes the following:

a) Manufacturer's name
b) Maximum Voltage
c) Total FLA
d) Largest Motor FLA or HP
e) Phase
f) Frequency
g) Short-Circuit Current Rating
h) Field wiring diagram number
i) Enclosure Type rating

Discrepancy:

There was either was no rating nameplate on the control panel or the nameplate as provided is insufficient in information, or was provided with incorrect information or was not legible.

Action Required: Install a ratings nameplate on the control panel enclosure adjacent to the mains disconnect handle that includes all of the required items as noted below or add an additional supplemental nameplate with the applicable information adjacent to the currently provided nameplate. The marking is to be on a material suitable for the environment,

a) b) c) d) e) f) g) h) i)

Note the Short-Circuit Current Rating shall be "5kA RMS Symmetrical at 120V Max" and the Enclosure Type rating is "4X" based on components mounted through the door.

Update - 3-20-2020 - Missing Item h) on nameplate

Corrective Action:

Verified - 4-1-2020 - Nameplate was corrected.

Photo 5.9 – Shows Marking

5.10 Field Wiring Terminal Markings

Reference:

UL 508A, 2nd & 3rd Edition, Section 54.2

54.2 All field wiring terminals shall be marked with:

a) The required type of field wiring conductor in accordance with 54.11.

b) The required temperature rating of the field wiring conductors as specified in 54.3;

c) The required terminal tightening torque as determined from 54.4.

Discrepancy:

The field wiring marking(s) described above are not provided.

Action Required: Provide the markings described above on the control panel adjacent to the field terminals or marking shall be on the field wiring diagram, prints, or instructions that are referenced on the panel nameplate and is to be shipped with the panel (either loosely, in the ″print pocket,″ or adhered to the inside of the enclosure).

Corrective Action:

Verified - 3-20-2020 - Field Wiring Terminal Markings provided as required.

Photo 5.10 – Shows Markings

5.11 Multiple Supply Caution Marking

Reference:

UL 508A, 2nd & 3rd Edition, Section 55.4

Where a machine is supplied by more than one supply circuit, a marking shall be installed at each supply circuit disconnect location denoting the location of all other supply circuit disconnects.

An industrial control panel intended to be provided with more than one supply source such that more than one disconnect switch is required to disconnect all power within the control panel shall be marked with the word "CAUTION" and the following or equivalent: "Risk of Electric Shock – More than one disconnect switch may be required to de-energize the equipment before servicing."

Discrepancy:

The control panel is supplied by 2 separate 120V supply circuits.

Action Required: A warning marking shall be applied near the main disconnect switch, notifying the user of the location of the disconnect switches for the other sources coming into the enclosure (for example, the 120 Volt circuit from the auxiliary equipment).

Also, the above marking "CAUTION" and the following or equivalent: "Risk of Electric Shock – More than one disconnect switch may be required to de-energize the equipment before servicing.", is to be applied to the enclosure door with labeling in the standardized text size and colors per the ANSI Z535 Series of Standards. This marking it to be applied adjacent to any disconnect.

Corrective Action:

Verified - 3-20-2020 - Marking was applied as required.

Photo 5.11 – Shows Marking

5.12 Fuse Replacement Markings

Reference:

UL 508A, 2nd & 3rd Edition, Section 56.1

A branch circuit fuseholder that accepts a fuse having a rating larger than the maximum specified rating and all control circuit fuseholders shall be marked with the voltage and current rating of the replacement fuse.

Discrepancy:

There were no fuse replacement markings internal to the panel.

Action Required: Fuse replacement markings indicating the minimum rated voltage and maximum rated current shall be provided adjacent to each fuseholder. Including the fuse type in the marking is recommended. Alternately, a single table type marking that tabulates all of the substitute fuse replacement rating markings, is acceptable. This type of marking may be affixed within the enclosure in lieu of individual markings adjacent to each fuseholder. This marking (matrix) must identify the fuse location by a correlating mark adjacent to the fuseholder and where that same marking information is also a portion of the electrical schematic. This matrix marking means is an acceptable method of fuse replacement marking when provided with all the fuse information as noted above.

Corrective Action:

Verified - 3-20-2020 - Fuse replacement marking provided as required.

5.13 Receptacle Markings

Reference:

UL 508A, 2nd Edition, Section 59.1

A general use receptacle protected by branch circuit overcurrent protection rated less than the rating of the receptacle and intended for connection of only a control circuit load shall be marked with the ampere rating of the overcurrent protective device and the intended use for the receptacle.

Discrepancy:

The convenience receptacle(s) provided shall be marked with the ampacity rating of the immediate upstream protective device less any other load on that specific circuit and its intended use, such as "Computer Use Only", or "Test Equipment Only, No Power Tools" or the like.

Action Required: Provide the above marking as required adjacent to each control circuit supplied receptacle.

Corrective Action:

Verified - 3-20-2020 - Marked with "Computer Use Only".

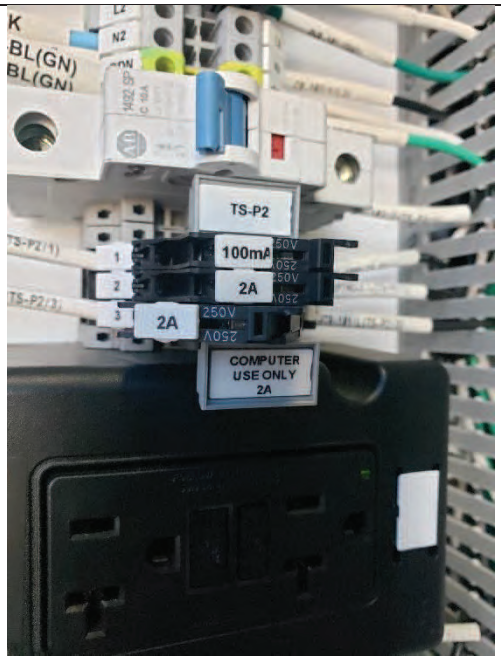


Photo 5.13 – Shows Marking

5.14 Purge Air Supply and Vent Locations

Reference:

NFPA 496, 2017 Edition, Section 5.2.3

Airflow through the enclosure during purging shall be designed to avoid air pockets.

Discrepancy:

The installation instruction for the Pepperl + Fuchs purge system specify the location of the supply air and vents "the inlet connection to each enclosure must enter near a bottom corner. The outlet connection, for the required enclosure protection vent or piping to an adjacent protected enclosure, must exit near an extreme opposite top corner." The current configuration has the inlet connection located in the bottom center of the panel with the vent being located off center to the left at the top of the panel.

Action Required: An extension shall be added to the air inlet tube on the inside of the panel so that the air is discharged at the far right bottom corner. It was determined that the location of the vent is sufficiently off center that it can remain in place.

Corrective Action:

Verified - 3-20-2020 - An extension was added as required.

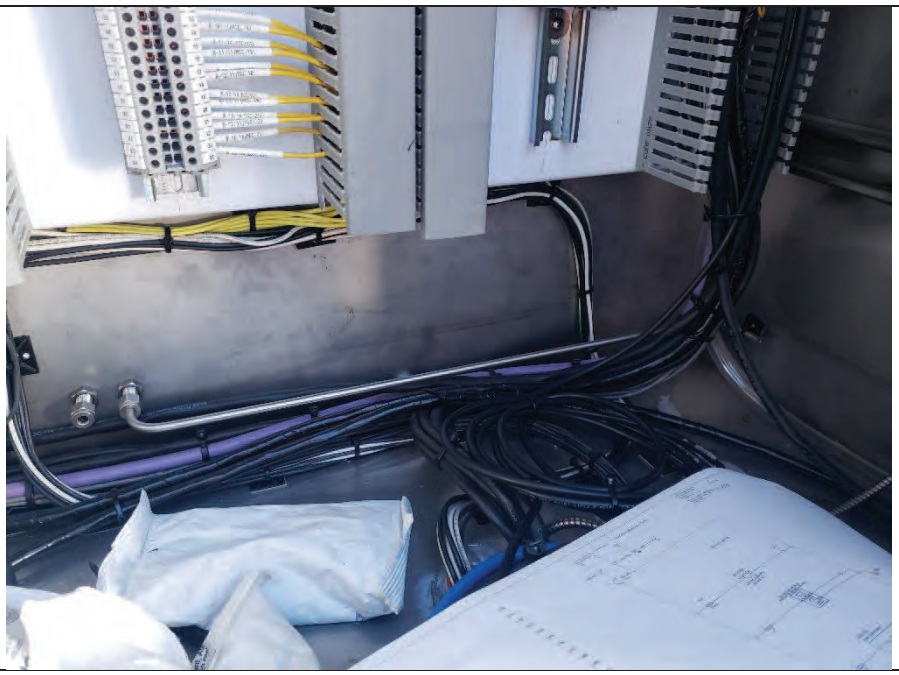


Photo 5.14 – Shows Extension

5.15 Purge Time Marking

Reference:

NFPA 496, 2017 Edition, Section 5.3.1

The marking shall contain the following, or an equivalent, statement:

WARNING: Power must not be restored after enclosure has been opened until enclosure has been purged for ____ minutes at a flow rate of _____.

5.3.2 The minimum pressure shall be permitted to be used in place of the flow rate where the pressure is a positive indication of the correct flow.

Discrepancy:

The panel did not have purge time markings applied. Based on the installation instructions for the Pepperl + Fuchs system, the system is capable of 3 cubic feet per minute at 60 psi.

Action Required: The required label shall be applied to the outside of the panel stating "WARNING: Power must not be restored after enclosure has been opened until enclosure has been purged for 10 minutes at 60 psi minimum."

Corrective Action:

Verified - 3-20-2020 - Marking was applied as required.

Photo 5.15 – Shows Marking

5.16 Emergency Stop Button

Reference:

UL 508A, 2nd & 3rd Edition, Section 67.2.3

67.2.3 The actuator of an emergency stop button shall be red and the base of the emergency stop button actuator shall be yellow.

Discrepancy:

The emergency stop button is red with a red background.

Action Required: The background of the emergency stop button shall be replaced with a yellow background as required.

Corrective Action:

Verified - 3-20-2020 - Provided with a Yellow Background as required.

Photo 5.16 – Shows E-Stop

5.17 Hazardous Location Marking

Reference:

UL 121201, 9th Edition, Section 9.2.1

For equipment to be installed in a hazardous location: Class, Division, and Group(s) or in lieu of Group(s), a specific gas or vapor shall be marked.

Discrepancy:

The Class, Division, and Groups for which the panel is rated were not marked on the enclosure.

Action Required: Marking including Class I, Division 2, Group C and D shall be added to the nameplate or on a supplementary label. Note the Class I marking is the Roman Numeral I, for example Class I, Class II, Class III

Corrective Action:

Verified - 3-20-2020 - Marking was provided and correctly notated as I.

6 Evaluation Details

The following specific areas as applicable were evaluated using the methods described. All items comply with the applicable parts of standard(s) referenced in Section 3.0, unless stated otherwise in Section 5.0 of this report. Additional characteristics and features unique to the product were further addressed as deemed necessary considering the final installation site, or as required by the applicable product safety standard(s).

6.1 Critical Components

Method: The following critical components as applicable were inspected for evidence of Listing or Recognition according to UL policies:

- Enclosures	- Purge/Pressure Systems
- Circuit Breakers / Fuses	- Luminaires
- Motor Controllers	- Motor Overload Devices
- Power Disconnecting Devices	- Receptacles
- Relays	- Switches and Controllers
- Terminal Blocks	- Transformers and Power Supplies
- Wire and Cables	

Results: The critical components are Listed or Recognized by a testing laboratory acceptable to UL according to UL policies.

6.2 Drawings and Instructions

Method: The information necessary for safe installation, operation, and maintenance of the equipment is reviewed for completeness and accuracy. The review may include drawings, diagrams, charts, and/or tables based upon the complexity of the equipment and the service environment.

Results: User and maintenance manuals, electrical/mechanical schematics, bills of materials, parts lists, and/or programming instructions are provided as appropriate.

6.3 Environmental Rating

Method: The design, assembly, and installation of the equipment are examined for suitability with the environment, electrical supply, and operating conditions of the installation site.

Results: The general operating conditions are acceptable for the design and use of the equipment as required by the standards referenced in Section 3.0.

6.4 General Operating Conditions

Method: The design, assembly, and installation of the equipment are examined for suitability with the environment, electrical supply, and operating conditions of the installation site.

Results: The general operating conditions are acceptable for the design and use of the equipment as required by the standards referenced in Section 3.0.

6.5 Grounding and Bonding

Method: All accessible metal parts are verified (visually and/or by test) to be bonded together and to be connected to the supply equipment grounding conductor. Where applicable, a bonding continuity test is conducted and the results recorded.

Results: The product is grounded and bonded according to the applicable standards referenced in Section 3.0 and Article 250 of the NEC. The product has an identified terminal to connect the supply equipment grounding conductor or a suitable cord with an integral equipment grounding conductor.

6.6 Guarding of Live Parts

Method: The product is visually inspected to ensure that all components were housed in a suitable enclosure and made effectively inaccessible to unauthorized persons. An articulated finger probe is used to measure access where necessary. Vent openings are verified to not align with potential discharge paths of gases expelled from circuit breakers when clearing fault conditions.

Results: Enclosures prevent contact with moving parts, electrically energized parts, and hot parts. Enclosures provide an acceptable degree of protection for internal components (according to the product's installation environment). All electrically live parts external to the enclosure are guarded as required by the applicable standards. No electrically hazardous energized parts are accessible from the exterior of the ultimate enclosure as required by Section 110.27 of the NEC.

6.7 Markings

Method: The product nameplate is inspected for all required information. The content, placement, and format of hazard-warning labels, fuse replacement markings, environmental limitations, and installation type markings are also verified.

Results: The product bears the required markings according to the applicable standards. Additional markings are identified for the installation site, as the working environment requires.

6.7.1 Fuse Replacement

Fuse replacement markings are provided and installed at all fuse locations or on a permanent chart suitable for the intended environment.

6.7.2 Unit Nameplate

The product bears a permanent nameplate, suitable for the intended installation environment and with all the applicable information. The nameplate is visible or accessible after installation or located according to the provisions in the referenced standard.

6.7.3 Hazard Warning Labels

Applicable hazard warning markings that identify known hazards are located on or within the product.

6.8 Means of Disconnect

Method: Disconnecting means shall be located within sight and readily accessible from the equipment. The disconnecting means shall be permitted to be installed on or within equipment but shall not be located on panels that are designed to allow access to the equipment or to obscure the equipment nameplate(s). The disconnecting means shall open all ungrounded supply conductors and shall be designed so that no pole can be operated independently. The device shall be designed so that it cannot be closed automatically.

Results: The disconnecting means is within sight, readily accessible, and is installed and operates as required.

6.9 Mechanical Protection

Method: Moving parts, such as rotors of motors, chains, pulleys, belts, and gears are evaluated for risk of injury to persons. The degree of protection required depends upon the general design and intended use of the product. The factors considered in judging the acceptability of exposed moving parts are:

a) The degree of exposure;

b) The sharpness of the moving parts;

c) The likelihood of unintentional contact with the moving parts;

d) The speed of movement of those parts; and

e) The likelihood of fingers, arms, or clothing being drawn into the moving parts, such as at points where gears mesh, where belts travel onto a pulley, or where moving parts close in a pinching or shearing action.

Results: Exposed moving parts are enclosed or guarded to reduce the risk of injury to persons.

6.10 Mounting of Components

Method: Components that support live parts and uninsulated current carrying parts are secured to prevent them from turning or shifting in position if such motion may result in a reduction of spacings below the minimum acceptable values. Friction between surfaces is not acceptable as a means of preventing shifting or turning of a live part.

Result: Components are mounted such that they are fixed in place and protected from a reduction in electrical spacings and strain on wiring terminations.

6.11 Overcurrent Protection

Method: The product is inspected to ensure that proper overcurrent protection exists for internal conductors and components. Overcurrent devices are inspected for proper ratings, including voltage, ampere, and interrupting ratings, suitability as branch circuit protection (where required), and Listing.

Results: Details as follows:

6.11.1 Components

Components such as transformers, heater elements, and motors have overcurrent protection of the correct ratings and proper type.

6.11.2 Conductors

Factory and field installed internal conductors have proper overcurrent protection.

6.11.3 Supply

The product has properly rated main overcurrent protection. Internal overcurrent protection is properly rated for the intended application. All devices designed to open under fault conditions have proper short circuit current interrupting ratings.

6.12 Suitability for Installation

Method: The product is inspected to ensure suitability for installation according to the NEC as specified in the referenced standards. This inspection determined whether correct working space and clearances existed, noted proper wire bending space for all field wiring, observed provisions for mounting, and assured that areas for conduit entries, as applicable, were in place.

Results: Details as follows:

6.12.1 Wire Bending & Gutter Space

Wire bending space for all field wiring exists according to the NEC.

6.12.2 Clearance and Working Space

The product is or can be installed with acceptable access, clearances, working spaces, and distances from combustibles.

6.13 Wiring and Wiring Methods

Method: All conductors were inspected for Listing or Recognition by a Nationally Recognized Testing Laboratory according to UL policies. The conductors were examined for proper ratings (voltage, ampacity, temperature, flexibility, flame, and environmental ratings) as required for the application. The wiring methods were verified to comply with the applicable standards and provide proper physical protection, including strain relief, where applicable. The wiring terminations were inspected for correct application, number of conductors according to their Listing, and correct ampacity based on temperature ratings.

Results: Details as follows:

6.13.1 Wiring Methods

Internal wiring methods are in compliance with the requirements of the applicable standard. All wiring is routed, secured, and protected from moving parts, external heat sources, and sharp edges.

6.13.2 Supply Connections

The supply connection points have proper terminals and identification provided.

6.13.3 Separation of Circuits

Unless provided with insulation rated for the highest voltage involved, low voltage and line voltage circuit wires within enclosures are segregated or separated by barriers. The product wiring for low voltage and line voltage circuits outside enclosures is installed in separate raceways or wireways.

6.13.4 Strain Relief

External conductors, cable assemblies entering enclosures, and internal conductors are secured to prevent strain from being transmitted to terminations.

6.13.5 Wire Terminations

All wire terminations are suitable for the number and size of conductors installed.

6.13.6 Conduit Connections

All conduits, gutters, and wireways are properly supported and sized for the number and size of conductors.

7 Test Results

The following tests verified that the product operates within normally expected parameters. Unless stated otherwise in Section 5.0, all the following items comply with the applicable part(s) of the referenced standard(s). Field evaluation test methods follow the applicable standards as closely as practical, considering the limits of a non-laboratory field setting and the need for the equipment to perform its function following the test.

- Type Z Purge Pressure Test

8 Test Equipment

All test equipment used to evaluate product(s) covered by this report, which may have an effect on test results, was calibrated and traceable to the National Institute of Standards and Technology (NIST) or other national metrology institution and managed according to ISO/IEC 17025, *General Requirements for the Competence of Calibration and Testing Laboratories.*

9 Original Preliminary Photographs

Photo 1

Photo 2

Photo 3 Purge system components

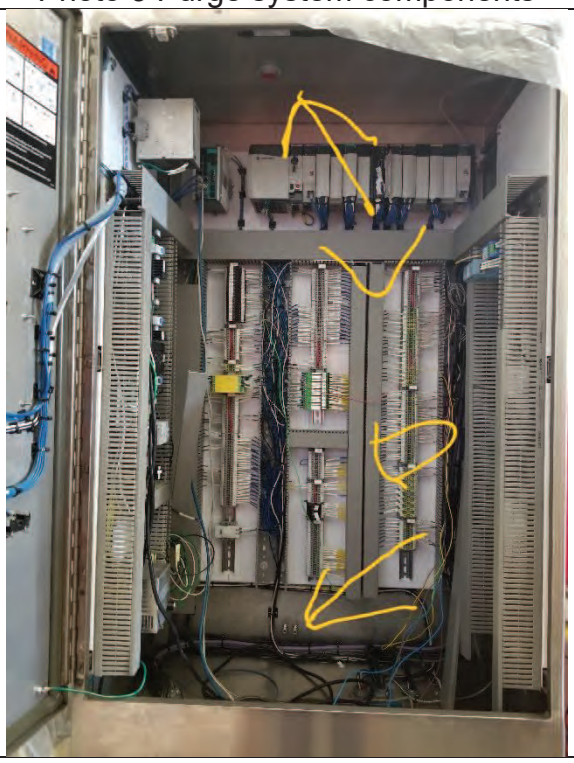


Photo 4 Arrows pointing at purge air and vent locations.

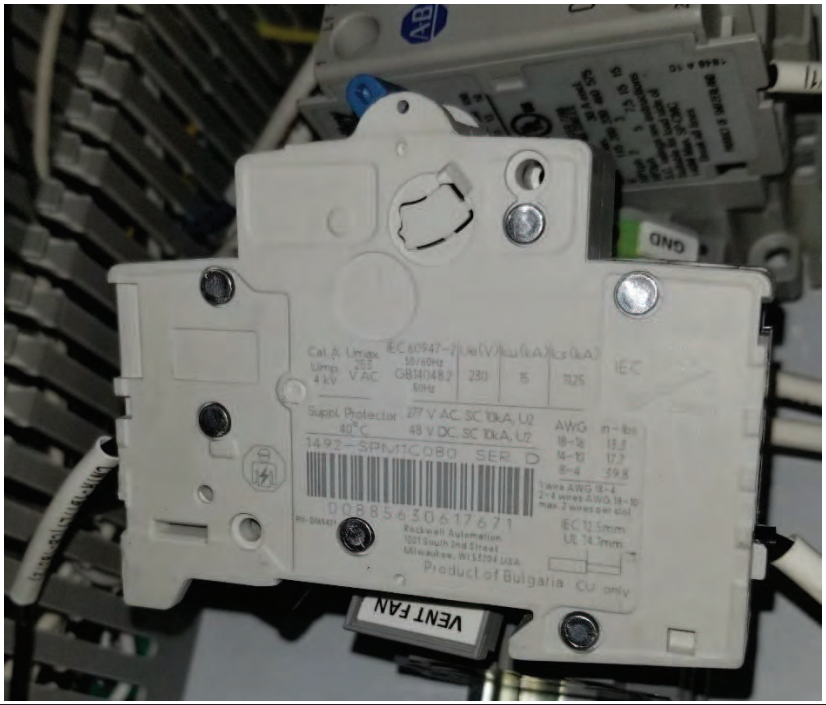


Photo 5 Supplementary Protector-Not suitable for branch circuit protection

Photo 6 Panel light-marked for use on class 2 circuit only.

Attachment 14 – SOIL&WATER-4 Water Use

MONTHLY WATER USAGE LOG April 2020

Meter 6917650, 10711 Dale Street, Stanton CA

Date	Reading	Usage CF
4/1/2020	134820	350
4/2/2020	135280	460
4/3/2020	135800	520
4/6/2020	135910	110
4/7/2020	135970	60
4/8/2020	135970	0
4/9/2020	135970	0
4/10/2020	136180	210
4/13/2020	136420	240
4/14/2020	136610	190
4/15/2020	136910	300
4/16/2020	137290	380
4/17/2020	139650	2360
4/20/2020	143370	3720
4/21/2020	144090	720
4/22/2020	145020	930
4/23/2020	145420	400
4/24/2020	145860	440
4/27/2020	146170	310
4/28/2020	146430	260
4/29/2020	146650	220
4/30/2020	146930	280
Total		12,460

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: April 19, 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

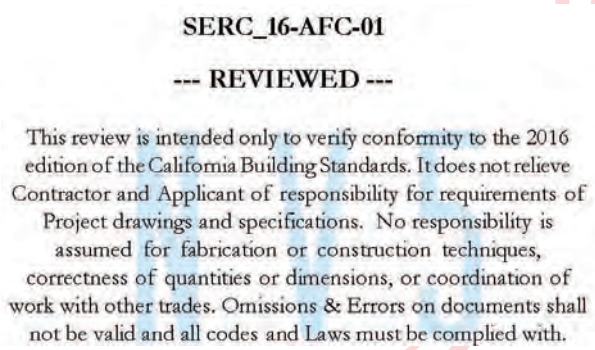
CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_STRUC-1-SI-051 Sub Insp Slip Fall Rem PEI RSPNS_200409_PCF

MEMORANDUM:

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

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



Digitally signed by Alan Ho
Reason: Reviewed for Code Compliance for concrete option details.
Date: 2020.04.19 16:31:08 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: April 23, 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-1-2.0_X1_STRUC GEN, SITE, & FDN_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: 2020.04.23 09:05:45 -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

APRIL 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 April 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 one incident with no Injuries to report this period. Please refer to SERC-PSC Incident Investigation Report 4-3-2020, forwarded to you on 4-20-2020.

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.

We have been unable to conduct All Hands Safety Meetings due to the coronavirus COVID-19. We have focused the entire month of April to keep our Personnel informed to update by our Corporate office, CDC and local authorities requirements in lue of this pandemic. All ARB Personel are wearing some form of face covering to avoid respiratory droplets from accidently spraying other and have used this COVID-19 pandemic crisis as the topics in our workers in groups of 10 or less for the month of April 2020. We have applied special emphasis Social distancing, Washing Hands or frequently use Hand Sanitizers and to stay home if you are not feeling well or have COVID-19 relted symptoms. 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 into our Quarterly Inspection and Color Coding for the Second Quarter of the year 2020 which is “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

APRIL 2020
MONTHLY SAFETY INSPECTION COMPLIANCE REPORT
SERC / BESS = Battery Energy Storage System
Stanton, CA

The site was re-mobilized during the week of March 30th, 2020. Re-mobilization included the set up and preparation of commencing site safety training as well activities. TTSC continued working with SERC/NV5/Jacobs to commence site safety protocols including the implementation of the site-specific training program as well as the WEAP orientation. Additional training regarding COVID-19 has been added to be a part of the site-specific training requirement upon re-commencement of the work. This includes daily reminders of hand washing and social distancing. Temperatures of each team member are taken during the morning safety meeting and hand sanitizer is used after each member signs in as well as being available throughout the day.

Initial site activities for the month of April included:

- Excavation
- Off haul trucking
- Backfill and compaction
- Flowable fill and Tensar installation
- Duct bank installation
- Ground grid 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
- Make eye contact with equipment operators
- 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
- Avoid de-hydration and drink water as needed
- Perform weekly all hands safety meetings on Housekeeping, Excavation/Trenching and Personal Protective Equipment.

For the month of April we note the following:

- No First Aids
- No Near Misses
- No Recordable or Lost Time injuries

Jorge Garcia
jgarcia@SMARTSafetyGroup.com
432-661-3684

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

From: noreply@digalert.org
To: ntasich@prim.com
Subject: DigAlert Confirmation for Ticket B200650491-02B
Date: Wednesday, April 1, 2020 7:48:53 AM

EXTERNAL EMAIL

EMLCFM 00445B USAS 04/01/20 07:48:15 B200650491-02B RNEW NORM POLY LREQ

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Ticket: B200650491 Rev: 02B Created: 04/01/20 07:47 User: DIRECT Chan: WEB

Work Start: 04/01/20 07:47 Legal Start: 04/01/20 07:47 Expires: 04/29/20 23:59
Response required: N Priority: 2

Excavator Information
Company: ARB, INC.
Co Addr: 26000 COMMERCENTRE DRIVE
City : LAKE FOREST State: CA Zip: 92630
Created By: NICHOLAS TASICH Language: ENGLISH
Office Phone: 949-598-9242 SMS/Cell:
Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ
Site Phone: 661-343-1481 Site SMS/Cell:
Site Email:

Excavation Area
State: CA County: ORANGE Place: STANTON
Zip: 90680
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=A8IiFlKbMaMRSOW-D

Comments:

AMENDMENT REQUEST STANDBY FROM SC GAS TRANSMISSION FOR 8INCH & 12INCH GAS LINES ON 03/11/2020 AT 7:30AM PER MIKE SECKINGTON--[CLA 03/10/2020 12:19:17

PM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 04/01/2020 07:47 AM]

Members:

ATTDSOUTH	AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01	C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
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 B200650491-03B
Date: Tuesday, April 28, 2020 7:48:16 AM

EXTERNAL EMAIL

EMLCFM 00401B USAS 04/28/20 07:47:39 B200650491-03B RNEW NORM POLY LREQ

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Ticket: B200650491 Rev: 03B Created: 04/28/20 07:47 User: DIRECT Chan: WEB

Work Start: 04/28/20 07:47 Legal Start: 04/28/20 07:47 Expires: 05/26/20 23:59
Response required: N Priority: 2

Excavator Information
Company: ARB, INC.
Co Addr: 26000 COMMERCENTRE DRIVE
City : LAKE FOREST State: CA Zip: 92630
Created By: NICHOLAS TASICH Language: ENGLISH
Office Phone: 949-598-9242 SMS/Cell:
Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ
Site Phone: 661-343-1481 Site SMS/Cell:
Site Email:

Excavation Area
State: CA County: ORANGE Place: STANTON
Zip: 90680
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=B8LfIeNcHfLWJYQ-N

Comments:

AMENDMENT REQUEST STANDBY FROM SC GAS TRANSMISSION FOR 8INCH & 12INCH GAS LINES ON 03/11/2020 AT 7:30AM PER MIKE SECKINGTON--[CLA 03/10/2020 12:19:17

PM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 04/01/2020 07:47 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 04/28/2020 07:47 AM]

Members:

ATTDSOUTH AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01 C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
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 B200650493-01B
Date: Wednesday, April 1, 2020 7:49:21 AM

EXTERNAL EMAIL

EMLCFM 00444B USAS 04/01/20 07:48:15 B200650493-01B RNEW NORM POLY LREQ

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Ticket: B200650493 Rev: 01B Created: 04/01/20 07:47 User: DIRECT Chan: WEB

Work Start: 04/01/20 07:47 Legal Start: 04/01/20 07:47 Expires: 04/29/20 23:59
Response required: N Priority: 2

Excavator Information
Company: ARB, INC
Co Addr: 26000 COMMERCENTRE DRIVE
City : LAKE FOREST State: CA Zip: 92630
Created By: NICK TASICH Language: ENGLISH
Office Phone: 310-874-9612 SMS/Cell: 310-874-9612
Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ
Site Phone: 661-343-1481 Site SMS/Cell:
Site Email:

Excavation Area
State: CA County: ORANGE Place: STANTON
Zip:
Location: Address/Street: 10711 DALE AVE
: X/ST1: STANDUSTRIAL ST
:
: IN REAR OF ADDRESS
: ** CALL WITH ETA **

Delineated Method: WHITEPAINT
Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION
Work For : WELLHEAD ELECTRIC
Permit: 16-AFC-01 Job/Work order:
1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long
Center Generated (NAD83): 33.808179/-117.985005 33.808186/-117.984017
: 33.806210/-117.984990 33.806217/-117.984002
Excavator Provided:

Map link:
https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=18s7u08nAmAfEXR-M

Comments:

RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 04/01/2020 07:47 AM]

Members:
ATTDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929
GAR01 C/OF GARDEN GROVE-WATER LES RUITEMSCHILD 714-290-8986

MWD05	METROPOLITAN WATER	OPERATIONS CONTROL CENTE	626-844-5610
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SCW2M	GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
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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 B200650493-02B
Date: Tuesday, April 28, 2020 7:47:54 AM

EXTERNAL EMAIL

EMLCFM 00400B USAS 04/28/20 07:47:26 B200650493-02B RNEW NORM POLY LREQ

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Ticket: B200650493 Rev: 02B Created: 04/28/20 07:47 User: DIRECT Chan: WEB

Work Start: 04/28/20 07:47 Legal Start: 04/28/20 07:47 Expires: 05/26/20 23:59
Response required: N Priority: 2

Excavator Information
Company: ARB, INC
Co Addr: 26000 COMMERCENTRE DRIVE
City : LAKE FOREST State: CA Zip: 92630
Created By: NICK TASICH Language: ENGLISH
Office Phone: 310-874-9612 SMS/Cell: 310-874-9612
Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ
Site Phone: 661-343-1481 Site SMS/Cell:
Site Email:

Excavation Area
State: CA County: ORANGE Place: STANTON
Zip:
Location: Address/Street: 10711 DALE AVE
: X/ST1: STANDUSTRIAL ST
:
: IN REAR OF ADDRESS
: ** CALL WITH ETA **

Delineated Method: WHITEPAINT
Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION
Work For : WELLHEAD ELECTRIC
Permit: 16-AFC-01 Job/Work order:
1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long
Center Generated (NAD83): 33.808179/-117.985005 33.808186/-117.984017
: 33.806210/-117.984990 33.806217/-117.984002
Excavator Provided:

Map link:
https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=28v4t12xw2yvuw0-n

Comments:

RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 04/01/2020 07:47 AM]
RENEW TICKET WORK CONTINUING PER NICK TASICH--[DIRECT 04/28/2020 07:47 AM]

Members:

ATTDSOUTH	AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
GAR01	C/OF GARDEN GROVE-WATER	LES RUITEMSCHILD	714-290-8986
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 – DCBO APPROVAL

Digitally signed by Jason P. Miller
Reason: Reviewed For Code Compliance
Date: 2020.04.30 12:41:47 -07'00'

DATE: April 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-2-2.0_PRESSURE VESSEL INSPECT CERT_200417_PCF

MEMORANDUM:

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

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

Attachment 23 – TRANS-5 Hazardous Materials Delivery & Waste Licensing

STATE OF CALIFORNIA
DEPARTMENT OF CALIFORNIA HIGHWAY PATROL

HAZARDOUS MATERIALS TRANSPORTATION LICENSE

CHP 360H (REV. 1/00) OPI 062

CONTROL NUMBER	LICENSE NUMBER	ISSUE DATE	EFFECTIVE DATE	EXPIRATION DATE
238595	130836	8/5/2019	9/1/2019	8/31/2020

CHP CARRIER NUMBER	LOCATION		
CA 989	999	☐ Duplicate	☐ Replacement
		☐ Initial	☑ Renewal

LICENSEE NAME AND PHYSICAL STATION ADDRESS (if different than below)

SAFETY-KLEEN SYSTEMS, INC.
2600 North Central Expressway
RICHARDSON TX, US 75080

LICENSEE NAME AND MAILING ADDRESS

Attention: RITA POWERS
SAFETY-KLEEN SYSTEMS, INC.
PO Box 9149
Norwell MA, US 02061

PROPERTY OF THE CALIFORNIA HIGHWAY PATROL (CHP)

The original valid license must be kept at the licensee's place of business as indicated on the license and a legible copy must be carried in any vehicle or combination transporting hazardous materials and must be presented to any CHP officer upon request. This license is NON-TRANSFERABLE and must be surrendered to the CHP upon demand or as required by law. A majority change in ownership or control of the licensed activity shall require a new license. This license may be renewed by submitting an application and appropriate fee to the CHP. Persons whose licenses have expired or are otherwise no longer valid must immediately cease the activity requiring a license. THERE IS NO GRACE PERIOD. For licensing information contact CHP, Commercial Vehicle Section at (916) 843-3400.

This carrier is on the special routing/safe stopping place mailing lists as indicated below:

- ☐ **(HMX) Explosives subject to Division 14, California Vehicle Code (CVC).**
- ☐ **(HMPH) Poison Inhalation Hazard materials in bulk packages subject to Division 14.3, CVC.**
- ☐ **(HMRCQ) Highway Route Controlled Quantity radioactive materials subject to Division 14.5, CVC.**

Any person who dumps, spills, or causes the release of hazardous materials or hazardous waste upon any highway shall immediately notify the CHP or the agency having jurisdiction for that highway. The minimum fine for failure to make the appropriate notification is $2,000.00. (CVC Section 23112.5)

STATE OF CALIFORNIA
DEPARTMENT OF CALIFORNIA HIGHWAY PATROL

HAZARDOUS MATERIALS TRANSPORTATION LICENSE

CHP 360H (REV. 1/00) OPI 062

CONTROL NUMBER	LICENSE NUMBER	ISSUE DATE	EFFECTIVE DATE	EXPIRATION DATE
238419	25388	7/17/2019	8/1/2019	7/31/2020

CHP CARRIER NUMBER	LOCATION		
CA 9926	675	☐ Duplicate	☐ Replacement
		☐ Initial	☑ Renewal

LICENSEE NAME AND PHYSICAL STATION ADDRESS (if different than below)

HILL BROTHERS CHEMICAL COMPANY
1675 N MAIN ST
ORANGE CA, US 92867-3442

LICENSEE NAME AND MAILING ADDRESS

Attention: SHANE T BURKHART
HILL BROTHERS CHEMICAL COMPANY
7121 W BELL RD STE 250
GLENDALE AZ, US 85308

PROPERTY OF THE CALIFORNIA HIGHWAY PATROL (CHP)

The original valid license must be kept at the licensee's place of business as indicated on the license and a legible copy must be carried in any vehicle or combination transporting hazardous materials and must be presented to any CHP officer upon request. This license is NON-TRANSFERABLE and must be surrendered to the CHP upon demand or as required by law. A majority change in ownership or control of the licensed activity shall require a new license. This license may be renewed by submitting an application and appropriate fee to the CHP. Persons whose licenses have expired or are otherwise no longer valid must immediately cease the activity requiring a license. THERE IS NO GRACE PERIOD. For licensing information contact CHP, Commercial Vehicle Section at (916) 843-3400.

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Rec 08/02/19

End Report