

DOCKETED

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Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01
Monthly Compliance Report No. 18
Reporting Period: July 2020



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

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Key Events List

PROJECT:	Stanton Energy Reliability Center
DOCKET #:	16-AFC-01
COMPLIANCE PROJECT MANAGER:	John Heiser
EVENT DESCRIPTION	DATE
CEC Decision Date	November 7, 2018
Obtain Site Control	February 12, 2019
Online Date	July 1, 2020
POWER 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	June, 2020
First Combustion of Gas Turbine	April 17, 2020
Obtain Building Occupation Permit	TBD
Start Commercial Operation	BESS Aug 31, 2020; LM6000 July 1, 2020
Complete All Construction	May 28, 2020
TRANSMISSION LINE ACTIVITIES	
Start Transmission Line Construction	October 1, 2019
Complete Transmission Line Construction	February 26, 2020
Synchronization with Grid and Interconnection	April 25, 2020
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	August 19, 2019
Complete Gas Pipeline Construction	May 29 2020
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	March 17, 2020
Complete Water Supply Line Construction	July 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: July 2020.

Stanton Energy Reliability Center, LLC (SERC) 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).

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.

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.

Battery Energy Storage System (BESS) construction commenced on March 16, 2020. During this reporting period, The majority of the work was the continued installation of electrical work including wire, terminations, installation of the batteries and the beginning of commissioning activities.

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 July 2020.

Activity	Percent Complete
Engineering	
Power Island	99%
CBO Support	98%
BESS Design	90%
Procurement	
Owner Supplied Equipment	100%
Contractor Supplied Equipment	100%
Construction	
Power Island	100%
BESS	92%

1.1 Engineering

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

Through the month of July 2020, Power Engineers coordinated drawings, certification statements and issued TSE-5 and GIA items. Power Engineers received fire alarm plan markups from SERC and created new drawings.

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

- Continued participation in unscheduled coordination calls with CBO, TTSC, and GE
- Coordinated with platform supplier and reviewed platforms and secondary material documents for CBO acceptance
- Provided sketches to correct GSU cable tray support issues
- Updated and re-issued fire alarm drawings per SERC markups
- Updated Lighting Energy Calculations to include BESS area lighting and CTG area emergency lighting; Lighting Management Plan; and issued for record associated lighting drawings
- Provided electrical model and arc flash information to Thor Lunde for his use performing arc flash calculations
- Provided site report for CBO required electrical site visit
- Continued to coordinate HPSU vent fan design with GE
- Received updated one-lines from GE correcting the MSB/BSB equipment outlines
- Received and responded to Contractor RFI's
- Received Contractor Submittals (shop drawings) for review
- Prepared engineering supplemental information (SI) documents to modify Contract Documents

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

ARB performed no services during the month of August.

TTSC

The majority of the BESS work in August was installation of electrical work including wire, terminations, installation of the batteries and the beginning of commissioning activities.

The potable and fire-water connections from the Pacific Street tie-ins to the SERC house-lines are expected to be completed in early August 2020. Until these connections are completed, raw water for the demineralized water system is currently being fed from the Dale Avenue connections.

Safety:

During this reporting period the contractor worked 8,221 man-hours without a lost time or recordable incident. To date, the contractor has worked 29,081 man-hours without a lost time, or recordable Incident, and no first aids.

Continue WEAP and the site-specific training of new team members including the addition of COVID 19 training.

The projects combined worked hours without a lost time or recordable incident is 242,887.

Civil:

- Excavate piping trench from the existing site tie-ins at north west corner of the BESS facility to the Pacific street entrance

Structural:

- Completed sheeting on mezzanine

Electrical:

- Completed AC cabling between transformers and inverters
- Completed DC cabling between the inverters and HPSU's.
- Installed control wiring including switchgear, inverters, transformers and HPSU's
- Installation of fiber
- Cable tray grounding
- Installed and terminated batteries up to an agreed to point –Stage 3
- 3rd party testing of electrical cables and equipment

1.4 Explanation of Significant Changes to the Schedule

The construction activities for the BESS have been 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 48 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,149. Documentation of worker training records for the reporting period is included in Appendix E of Attachment 4.

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

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

CIVIL-1: During the reporting period there were no proposed changes to the drainage structures and the grading; the erosion and sedimentation control plan; the construction Storm Water Pollution Prevention Plan (SWPPP); related calculations and specifications that have been signed and stamped by the responsible civil engineer or the soils, geotechnical or foundation

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

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

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

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

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

COM-9: The Annual Compliance Fee was paid by SERC, LLC on June 9, 2020. 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 48 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,149 Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

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

CUL-7: There were no cultural resource discoveries made during the reporting period. The Cultural Resources Specialist's monthly summary report is 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 one (1) approval by the DCBO as indicated in Attachment 8.

- All major electrical equipment has been received.

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

MECH-1: There were no completion of inspections received from 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 48 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,149. 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 175 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-4: During the reporting period the project owner's general contractors applied for and received an encroachment permit to install the permanent driveway at Dale Ave.

TRANS-5: There has been no changes with the project contracted, 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.

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: During this reporting period, no major electrical equipment was received.

- All major electrical equipment has been received.

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

WASTE-4: During this reporting period five (5) forty-yard bins of construction waste, no (0) ten-yard bin of construction waste, no (0) forty-yard waste metal bin and no (0) 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 July 2020.

Attachment 1 – COM-6 Project Schedule

SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE				WBS Summary				10-Aug-20 17:47					
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020					
								Jul	Aug	Sep	Oct	Nov	Dec
SERC Baseline Project Master Schedule (w/ARB Jun Sched) & CEC/S		927	70.99%	28-Feb-16 A	02-Dec-21	0	0						
LM6000 RAPA Key Milestone		0	0%	01-Jul-20 A	01-Jul-20 A		0						
2	Expected Initial Delivery Date	0	100%		01-Jul-20 A		0						
Storage RAPA Key Milestone		0	0%	01-Jun-20 A	01-Jun-20 A		0						
4	Expected Initial Delivery Date	0	100%		01-Jun-20 A		0						
GIA Key Milestones		66	100%	28-Feb-20 A	25-Jun-20 A		0						
6	In-Service Date (Initial Backfeed - Liquidated Damages From S	0	100%		28-Feb-20 A		0						
7	Initial Synchronization Date/Trial Operation (No Later Than)	0	100%		03-Mar-20 A		0						
8	Commercial Operation Date (No Later Than)	0	100%		25-Jun-20 A		0						
Pre-construction Activities		701	100%	26-Oct-16 A	16-Nov-19 A		0						
CEC Permitting		434	100%	26-Oct-16 A	12-Feb-19 A		0						
11	Application for Certification	782	100%	26-Oct-16 A	17-Dec-18 A		0						
12	Presiding Members Proposed Decision (PMPD) issued	1	100%	08-Oct-18 A	08-Oct-18 A		0						
14	Post-Approval 30-day appeal period	30	100%	13-Nov-18 A	13-Dec-18 A		0						
13	Full Commission Decision for Approval	0	100%	13-Nov-18 A			0						
15	CEC Decision Final (non-appealable)	0	100%		13-Dec-18 A		0						
Pre-Construction Compliance (CEC)		47	100%	13-Nov-18 A	12-Feb-19 A		0						
19	Compliance submittals necessary to get a Full Notice to Proce	83	100%	13-Nov-18 A	12-Feb-19 A		0						
17	Compliance submittals necessary to get a Limited Notice to Pr	69	100%	13-Nov-18 A	31-Jan-19 A		0						
18	Limited Notice to Proceed (LNTP)	0	100%		31-Jan-19 A		0						
20	Full Notice to Proceed (FNTP)	0	100%	12-Feb-19 A			0						
SCAQMD Air Permit		0	0%	15-Nov-18 A	15-Nov-18 A		0						
22	SCAQMD Authority To Construct (ATC) issued	0	100%	15-Nov-18 A			0						
Engineering		575	100%	29-Oct-18 A	29-Aug-19 A		0						
27	Vehicle Bridge Engineering	45	100%	29-Oct-18 A	18-Jan-19 A		0						
25	Further Develop Engineering to Signed and Stamped Plan Set	575	100%	31-Oct-18 A	17-Dec-18 A		0						
24	"Issued For Bid" Engineering Package for Contractor Pricing re	174	100%	31-Oct-18 A	31-Oct-18 A		0						
29	Assemble Engineering into CBO submittal packages	148	100%	11-Dec-18 A	29-Aug-19 A		0						
26	Receive Signed and Stamped Plan Set	1	100%	17-Dec-18 A	17-Dec-18 A		0						
28	BESS & EGT Integration Engineering	105	100%	02-Jan-19 A	22-Feb-19 A		0						
Real Properties or Land Control		394	100%	06-Aug-18 A	25-Feb-19 A		0						
31	Valov Lease Agreement Executed	0	100%		06-Aug-18 A		0						
35	Orange County Public Works (OCPW) Encroachment Agreeeme	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						

Remaining Level of Effort

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

Milestone

Milestone

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TASK filter: Not Level Of Effort.

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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE			WBS Summary						10-Aug-20 17:47					
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020						
								Jul	Aug	Sep	Oct	Nov	Dec	
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							
40	Order of Long Lead Time Items	0	100%	23-May-18 A			0							
42	Manufacturer Time (FNTF-Delivery)	169	100%	23-Aug-18 A	21-May-19 A		0							
41	FNTF	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	FNTF	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 (FNTF-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 (FNTF-Delivery)	162	100%	20-Sep-18 A	28-Feb-19 A		0							
66	FNTF	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	FNTF	0	100%		07-Jan-19 A		0							
74	Manufacturer Time (FNTF-Delivery)	24	100%	08-Jan-19 A	28-Feb-19 A		0							
<div><div></div> Remaining Level of Effort</div> <div><div></div> Actual Level of Effort</div>								Page 3 of 34						
<div><div></div> Actual Work</div> <div><div></div> Remaining Work</div>				<div><div></div> Critical Remaining Work</div> <div><div></div> Milestone</div>				TASK filter: Not Level Of Effort.						
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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE			WBS Summary					10-Aug-20 17:47					
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020					
								Jul	Aug	Sep	Oct	Nov	Dec
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						
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	54.58%	19-Dec-18 A	02-Dec-21	0	0						
CBO Activity		217	100%	19-Dec-18 A	31-May-20 A		0						
99	CBO Kick off Meeting	0	100%		19-Dec-18 A		0						
98	CBO Contract Execution	0	100%	19-Dec-18 A			0						
CBO performance of duties		217	100%	26-Dec-18 A	31-May-20 A		0						
101	Review and approve Pre-construction submittal	1	100%	26-Dec-18 A	27-Dec-18 A		0						
103	Perform Plan Check of Submittals	148	100%	27-Dec-18 A	04-Nov-19 A		0						
102	Inspector On Site	390	100%	04-Feb-19 A	31-May-20 A		0						
CEC Compliance R1		693	43.66%	20-Jul-19 A	02-Dec-21	0	0						
Air Quality		477	42.4%	31-Oct-19 A	14-Jul-21	113	0						
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	100%	28-Jun-20 A			0						
AQ-1170	AQ-K1 - Source Test Results	0	0%	04-Aug-20		388	0						
AQ-1100	AQ-D5 - CEMS for NOx	0	0%	04-Aug-20		388	0						
AQ-1080	AQ-D4 - CEMS for CO	0	0%	04-Aug-20		388	0						
AQ-1160	AQ-H1 - NOx CEMS Performance Evaluation	0	0%	25-Nov-20		298	0						
AQ-1000	AQ-D1a - Initial Source Test	0	0%	25-Nov-20		298	0						
<div>Remaining Level of Effort</div> <div>Actual Level of Effort</div>				<div>Actual Work</div> <div>Remaining Work</div> <div>Milestone</div>				Page 5 of 34				TASK filter: Not Level Of Effort.	
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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SC				WBS Summary				10-Aug-20 17:47						
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020						
								Jul	Aug	Sep	Oct	Nov	Dec	
AQ-1050	AQ-D3 - NH3 Source Test	0	0%	14-Jul-21		113	0							
Biological		444	66.19%	31-Jul-19 A	05-Feb-21	240	0							
BIO-1030	BIO-8a1 - Pre-Construction Nest Surveys and Impact Avoidance	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 Avoidance	0	100%	19-Aug-19 A			0							
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	0							
BIO-1010	BIO-6e - BRMIMP Construction Closure Report	0	0%	01-Aug-20		390	0							
BIO-1000	BIO-5c - WEAP Training Acknowledgement Forms on File	0	0%	05-Feb-21		240	0							
Civil		0	0%	16-May-20 A	16-May-20 A		0							
CIV-1010	CIVIL-4a - Final Grading Plan Approval	0	100%	16-May-20 A			0							
Communication		0	0%	03-May-20 A	03-May-20 A		0							
COM-1020	COM-12b - Emergency Response Site Contingency Plan	0	100%	03-May-20 A			0							
Cultural		77	100%	16-May-20 A	20-Aug-20	375	0							
CUL-1000	CUL-1j - Discharge the CRS, after receiving approval from the C	0	100%	16-May-20 A			0							
CUL-1010	CUL-4b - Final Cultural Resources Report	0	0%	20-Aug-20		375	0							
General		90	0%	18-Aug-20	08-Dec-20	287	3							
GEN-1030	GEN-8b - Plan and Specification Storage	0	0%	18-Aug-20		377	3							
GEN-1010	GEN-1b - Certificate of Occupancy	0	0%	09-Oct-20		335	0							
GEN-1000	GEN-1a - Certificate of Occupancy	0	0%	09-Oct-20		335	0							
GEN-1040	GEN-8c - Plan and Specification Archive Copies	0	0%	08-Dec-20		287	3							
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 A		0							
MECH-1000	MECH-2a - Pressure Vessel Installation	0	100%	24-Aug-19 A			0							
MECH-1020	MECH-3b - HVAC Plans	0	100%	03-May-20 A			0							
MECH-1010	MECH-3a - HVAC Plans	0	100%	03-May-20 A			0							
Noise		15	100%	03-Jun-20 A	22-Jun-20 A		0							
NOI-1030	NOISE-5 - Occupational Noise Survey	0	100%		03-Jun-20 A		0							

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

Milestone

Milestone

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TASK filter: Not Level Of Effort.

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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE				WBS Summary				10-Aug-20 17:47											
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020											
								Jul	Aug	Sep	Oct		Nov		Dec				
	NOI-1010																		
	NOI-1020																		
	Paleo	60	0%	20-Aug-20	03-Nov-20	315	0												
	PAL-1000																		
	PAL-1010																		
	Structural	0	0%	05-Nov-19 A	05-Nov-19 A		0												
	STR-1010																		
	Transmission	0	0%	28-Jan-20 A	28-Jan-20 A		0												
	TLSN-1010																		
	Transportation	0	0%	05-Feb-21	05-Feb-21	240	0												
	TNP-1000																		
	Switchyard	491	100%	02-Mar-20 A	02-Dec-21	0	0												
	TSE-1060																		
	TSE-1050																		
	TSE-1090																		
	TSE-1080																		
	TSE-1070																		
	TSE-1020						0												
	Visual	250	100%	03-Feb-20 A	05-Feb-21	240	0												
	VIS-1010																		
	VIS-1020																		
	VIS-1030																		
	VIS-1000																		
	VIS-1100						240												
	VIS-1080						240												
	Waste	200	100%	31-May-20 A	05-Feb-21	240	0												
	WASTE-1020																		
	WASTE-1050																		
	Worker Safety	310	100%	28-Jul-19 A	18-Aug-20	377	1												
	WRSF-1040																		
	WRSF-1020																		
	WRSF-1010																		
	WRSF-1000																		
	WRSF-1060																		
	WRSF-1050																		
	WRSF-1080						377	1											
	WRSF-1070						377	1											
LM6000 Construction Schedule		367	100%	28-Feb-16 A	01-Sep-20	251	0												
<div>Remaining Level of Effort</div> <div>Actual Level of Effort</div>				<div>Actual Work</div> <div>Remaining Work</div>				<div>Critical Remaining Work</div> <div>Milestone</div>				Page 9 of 34				TASK filter: Not Level Of Effort.			
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2021

2022

Jan

Feb

Mar

Apr

May

Jun

Jul

Aug

Sep

Oct

Nov

Dec

Jan



SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE				WBS Summary				10-Aug-20 17:47									
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020									
								Jul	Aug		Sep	Oct		Nov		Dec	
Stanton Energy Reliability Center - 03MAY20																	
Milestones																	
Contract Milestones																	
00-Milest-110	Contract Negotiations																
00-Milest-120	Effective Date																
00-Milest-130	Commencement Date & NTP = 04FEB19																
00-Milest-190	Scheduled Mechanical Completion Date = 01Mar20																
00-Milest-200	Final Project Completion Date = 30MAY20																
Project Milestones																	
00-Milest-300	Kick-off Meeting																
00-Milest-310	Start of Mobilization																
00-Milest-320	Parcel 1 Temp Power Available = 08FEB19																
00-Milest-240	Begin Site Disturbance = 19FEB19																
00-Cranes-110	Crane Site Mobilization																
00-Cranes-130	Crane Demob																
00-Milest-710	Switchyard Substation Construction Completed																
00-Milest-720	Ready for SCE Start Backfeed																
00-SwYard-920	Switchyard Substation: SCE Backfeed Completion																
00-Milest-820	U2 1st Fire Readiness																
00-Milest-810	U1 1st Fire Readiness																
00-Milest-620	U1 Mechanical Completion Milestone																
00-Milest-610	U2 Mechanical Completion Milestone																
00-Milest-910	Projected Mechanical Completion Date																
00-Milest-920	Projected Final Completion Date																
Payment Milestones																	
Initial Milestones																	
00-Paymnt-001	At Contract Execution																
00-Paymnt-003	At Notice to Proceed																
00-Paymnt-004	Mobilization																
00-Paymnt-002	Completion of Preliminary Work																
Site Civil Works - Ductbank Milestones																	
00-Paymnt-005	15 kV Ductbank Trenching Complete																
00-Paymnt-009	15 kV Ductbank Installed																
00-Paymnt-008	Ductbank Materials Procurement Complete																
00-Paymnt-006	66 kV Ductbank Trenching Complete																
00-Paymnt-010	66 kV Ductbank Installed																
00-Paymnt-007	480 Volt Ductbank Trenching Complete																
00-Paymnt-011	480 Volt Ductbank Installed																

Remaining Level of Effort

Actual Level of Effort

Critical Remaining Work

Remaining Work

Milestone

Milestone

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TASK filter: Not Level Of Effort.

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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE				WBS Summary				10-Aug-20 17:47							
Activity ID	Activity Name			OD	% Comp	Start	Finish	TF	Fin. Var.	2020					
										Jul	Aug	Sep	Oct	Nov	Dec
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Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020												
								Jul		Aug		Sep		Oct		Nov		Dec		
	00-Paymnt-048	PDM Columns	0	100%		05-Sep-19 A		0												
	00-Paymnt-041	Fogging Water Skid U1	0	100%		16-Sep-19 A		0												
	00-Paymnt-042	Fogging Water Skid U2	0	100%		16-Sep-19 A		0												
	00-Paymnt-044	Spread Footings for Roofless Enclosure U1	0	100%		16-Sep-19 A		0												
	00-Paymnt-047	Power Distribution Module (PDM) Building Spread Footings	0	100%		16-Sep-19 A		0												
	00-Paymnt-050	Switchyard Support	0	100%		25-Sep-19 A		0												
	00-Paymnt-051	Switchyard Substation Module Foundation	0	100%		25-Sep-19 A		0												
	00-Paymnt-052	Fuel Gas CompressorArea Foundations	0	100%		26-Sep-19 A		0												
	00-Paymnt-057	BESS Switchgear Foundation	0	100%		04-Oct-19 A		0												
	00-Paymnt-055	CTG2 Miscellaneous Foundations	0	100%		16-Oct-19 A		0												
	00-Paymnt-053	CTG1 Miscellaneous Foundations	0	100%		22-Nov-19 A		0												
	00-Paymnt-037	Receipt of Shop Fab Rebar at Site	0	100%		23-Nov-19 A		0												
	00-Paymnt-056	ERU2 Miscellaneous Foundations	0	100%		03-Jan-20 A		0												
	00-Paymnt-054	ERU1 Miscellaneous Foundations	0	100%		08-Jan-20 A		0												
	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		0												
	00-Paymnt-059	Install Storm Drain Pipe South	0	100%		26-Feb-20 A		0												
	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		0												
	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		0												
	00-Paymnt-067	HydroTest Underground Piping Systems	0	100%		16-Mar-20 A		0												
	00-Paymnt-066	Install Fire Main	0	100%		03-Apr-20 A		0												
	UG Ground Grid Milestones		174	100%	26-Jun-19 A	08-May-20 A		0												
	00-Paymnt-069	Installation of Ground Grid - Switchyard Substation Area	0	100%		26-Jun-19 A		0												
	00-Paymnt-068	Procure Ground Grid	0	100%		26-Jul-19 A		0												
	00-Paymnt-071	Installation of Ground Grid - Power Island 2	0	100%		26-Jul-19 A		0												
	00-Paymnt-072	Installation of Ground Grid - Water Farm Area	0	100%		26-Jul-19 A		0												
	00-Paymnt-070	Installation of Ground Grid - Power Island 1	0	100%		06-Sep-19 A		0												
	00-Paymnt-073	Installation of Ground Grid - BESS 15 kV Switchgear Area (BES	0	100%		04-Oct-19 A		0												
	00-Paymnt-075	Installation of Ground Grid - Remainder	0	100%		28-Feb-20 A		0												
	00-Paymnt-074	Installation of Ground Grid - Perimeter	0	100%		08-May-20 A		0												
	Unit Substation Milestones		59	100%	30-Aug-19 A	06-Dec-19 A		0												
	00-Paymnt-080	Switchyard, Substation: Protection Module	0	100%		30-Aug-19 A		0												
	00-Paymnt-076	Set GSU	0	100%		04-Sep-19 A		0												
<div><div></div> Remaining Level of Effort</div> <div><div></div> Actual Level of Effort</div>			<div><div></div> Actual Work</div> <div><div></div> Remaining Work</div>			<div><div></div> Critical Remaining Work</div> <div><div>◆</div> Milestone</div>			Page 15 of 34				TASK filter: Not Level Of Effort.				© Oracle Corporation			

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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE			WBS Summary						10-Aug-20 17:47					
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								Jul	Aug	Sep	Oct	Nov	Dec	
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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE				WBS Summary					10-Aug-20 17:47						
Activity ID		Activity Name		OD	% Comp	Start	Finish	TF	Fin. Var.	2020					
										Jul	Aug	Sep	Oct	Nov	Dec
	00-Paymnt-119	Ammonia Tank		0	100%		16-Sep-19 A		0						
	00-Paymnt-114	Set PDM and Control Modules		0	100%		02-Oct-19 A		0						
	00-Paymnt-109	ERU2 - Complete Field Bolt Up and all Sections Set		0	100%		21-Nov-19 A		0						
	00-Paymnt-116	Set ERU Aux Skid - Ammonia Vaporization Skids		0	100%		17-Dec-19 A		0						
	00-Paymnt-115	Set CTG Aux Skids		0	100%		20-Dec-19 A		0						
	00-Paymnt-110	ERU2 - Insulation and Liner Plates		0	100%		03-Jan-20 A		0						
	00-Paymnt-117	Set CEMS Buildings		0	100%		13-Jan-20 A		0						
	00-Paymnt-111	ERU2 - Field Load Catalyst		0	100%		20-Apr-20 A		0						
Demin Water Tank Milestones				34	100%	23-Sep-19 A	02-Dec-19 A		0						
	00-Paymnt-120	Demin Water Tank Materials Delivered at Site		0	100%		23-Sep-19 A		0						
	00-Paymnt-121	Demin Water Tank Installation Complete		0	100%		02-Dec-19 A		0						
AG Piping Installation Milestones				90	100%	30-Aug-19 A	16-Mar-20 A		0						
	00-Paymnt-122	Procurement of AG Pipe Materials and Receipt of 100% Verifiec		0	100%		30-Aug-19 A		0						
	00-Paymnt-126	Rack and Utility Bridge Piping (Demin Water)		0	100%		16-Sep-19 A		0						
	00-Paymnt-123	Lube Oil Piping CTG1 and CTG2		0	100%		10-Dec-19 A		0						
	00-Paymnt-124	Demin Water @ CTG1 and CTG2		0	100%		10-Dec-19 A		0						
	00-Paymnt-125	Demin Water @ Tank Area		0	100%		10-Dec-19 A		0						
	00-Paymnt-128	Ammonia System Piping		0	100%		20-Dec-19 A		0						
	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		0						
Electrical Procurement Milestones				76	100%	16-Sep-19 A	22-Jan-20 A		0						
	00-Paymnt-130	Cable Tray Procurement (Received on Site 100%)		0	100%		16-Sep-19 A		0						
	00-Paymnt-134	Fabricated Structural Steel Procurement (Received on Site 100'		0	100%		16-Sep-19 A		0						
	00-Paymnt-132	13.8 kV Cable Procurement (Received on Site 100%)		0	100%		08-Dec-19 A		0						
	00-Paymnt-131	AG Conduit Procurement (Received on Site 100%)		0	100%		03-Jan-20 A		0						
	00-Paymnt-133	480 V Cable Procurement (Received on Site 100%)		0	100%		22-Jan-20 A		0						
U1 Medium Voltage Milestones				34	100%	05-Dec-19 A	10-Feb-20 A		0						
	00-Paymnt-135	U1 MV - Set 15 kV Switchgear 1		0	100%		05-Dec-19 A		0						
	00-Paymnt-139	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal		0	100%		19-Dec-19 A		0						
	00-Paymnt-140	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Termi		0	100%		28-Dec-19 A		0						
	00-Paymnt-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		0						
	00-Paymnt-141	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux Xf		0	100%		13-Jan-20 A		0						
	00-Paymnt-138	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin		0	100%		13-Jan-20 A		0						
	00-Paymnt-143	U1 MV - 15 kV Switchgear Protective Relay Testing Complete		0	100%		15-Jan-20 A		0						
	00-Paymnt-142	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux Xf		0	100%		16-Jan-20 A		0						
	00-Paymnt-144	U1 MV - 480 V Xfmr 1 Protective Relay Testing Complete		0	100%		21-Jan-20 A		0						
	00-Paymnt-136	U1 MV - Set 480 V Aux Xfmr 1		0	100%		01-Feb-20 A		0						
<div><div><div></div> Remaining Level of Effort</div><div><div></div> Actual Work</div><div><div></div> Critical Remaining Work</div><div><div></div> Actual Level of Effort</div><div><div></div> Remaining Work</div><div><div></div> Milestone</div></div> <div>Page 19 of 34</div> <div>TASK filter: Not Level Of Effort.</div> <div>© Oracle Corporation</div>															

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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE			WBS Summary						10-Aug-20 17:47					
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020						
								Jul	Aug	Sep	Oct	Nov	Dec	
	00-Paymnt-137 U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Install	0	100%		10-Feb-20 A		0							
	U2 Medium Voltage Milestones	64	100%	07-Oct-19 A	15-Feb-20 A		0							
	00-Paymnt-157 U2 MV - Cable Tray Installed	0	100%		07-Oct-19 A		0							
	00-Paymnt-147 U2 MV - Set 15 kV Switchgear 2	0	100%		29-Oct-19 A		0							
	00-Paymnt-149 U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GSU, Install	0	100%		19-Dec-19 A		0							
	00-Paymnt-151 U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CTG2, Instal	0	100%		19-Dec-19 A		0							
	00-Paymnt-152 U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CTG2, Termi	0	100%		19-Dec-19 A		0							
	00-Paymnt-155 U2 MV - 15 kV Switchgear Protective Relay Testing Complete	0	100%		28-Dec-19 A		0							
	00-Paymnt-158 U2 MV - AG Conduit Installed	0	100%		31-Dec-19 A		0							
	00-Paymnt-150 U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GSU, Termin	0	100%		07-Jan-20 A		0							
	00-Paymnt-153 U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 480 V Aux Xf	0	100%		08-Jan-20 A		0							
	00-Paymnt-154 U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 480 V Aux Xf	0	100%		13-Jan-20 A		0							
	00-Paymnt-148 U2 MV - Set 480 V Aux Xfmr 2	0	100%		01-Feb-20 A		0							
	00-Paymnt-156 U2 MV - 480 V Xfmr 2 Protective Relay Testing Complete	0	100%		15-Feb-20 A		0							
	BESS Medium Voltage Milestones	0	0%	04-Oct-19 A	04-Oct-19 A		0							
	00-Paymnt-159 BESS MV - Set 15 BESS 15 kV Switchgears (BESS SOW DeSc	0	100%		04-Oct-19 A		0							
	00-Paymnt-160 BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 1 to GS	0	100%		04-Oct-19 A		0							
	00-Paymnt-161 BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 1 to GS	0	100%		04-Oct-19 A		0							
	00-Paymnt-162 BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 2 to GS	0	100%		04-Oct-19 A		0							
	00-Paymnt-163 BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 2 to GS	0	100%		04-Oct-19 A		0							
	00-Paymnt-164 BESS MV - 15 kV Switchgear Protective Relay Testing Complet	0	100%		04-Oct-19 A		0							
	4160 V System Milestones	53	100%	02-Oct-19 A	29-Jan-20 A		0							
	00-Paymnt-165 4160 V System - Set 13.8 kV-4160V Xfmr	0	100%		02-Oct-19 A		0							
	00-Paymnt-166 4160 V System - Set 5 kV Switchgear	0	100%		29-Oct-19 A		0							
	00-Paymnt-167 4160 V System - 13.8 kV Cable from 15 kV Switchgear 2 to 416	0	100%		29-Jan-20 A		0							
	00-Paymnt-168 4160 V System - 13.8 kV Cable from 15 kV Switchgear 1 to 416	0	100%		29-Jan-20 A		0							
	00-Paymnt-169 4160 V System - 4160 V Area Electrical Installation Complete	0	100%		29-Jan-20 A		0							
	U1 480 Volt System Milestones	25	100%	16-Jan-20 A	14-Mar-20 A		0							
	00-Paymnt-170 U1 480 V System - 480 Volt Feeder Cables from Aux Xfmr 1 to F	0	100%		16-Jan-20 A		0							
	00-Paymnt-172 U1 480 V System - Pull 480 Volt Cables to all 480 Volt Loads Co	0	100%		31-Jan-20 A		0							
	00-Paymnt-171 U1 480 V System - 480 Volt Feeder Cables from PDM 1 to the W	0	100%		01-Feb-20 A		0							
	00-Paymnt-173 U1 480 V System - Termination of 480 Volt Cables to all 480 Volt	0	100%		14-Mar-20 A		0							
	U2 480 Volt System Milestones	42	100%	28-Dec-19 A	30-Jan-20 A		0							
	00-Paymnt-175 U2 480 V System - 480 Volt Feeder Cables from PDM 2 to the W	0	100%		28-Dec-19 A		0							
	00-Paymnt-177 U2 480 V System - Termination of 480 Volt Cables to all 480 Volt	0	100%		09-Jan-20 A		0							
	00-Paymnt-174 U2 480 V System - 480 Volt Feeder Cables from Aux Xfmr 2 to F	0	100%		13-Jan-20 A		0							
	00-Paymnt-176 U2 480 V System - Pull 480 Volt Cables to													

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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE				WBS Summary				10-Aug-20 17:47											
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020											
								Jul		Aug		Sep		Oct		Nov		Dec	
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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE				WBS Summary				10-Aug-20 17:47						
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020						
								Jul	Aug	Sep	Oct	Nov	Dec	
<div></div>	Painting & Insulation	33	100%	03-Feb-20 A	28-Feb-20 A		0							
	Pre-Commissioning	80	100%	02-Jan-20 A	24-Apr-20 A		0							
	System Turn Over Packages	80	100%	02-Jan-20 A	24-Apr-20 A		0							
	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		0							
	TOP System Walkdown	66	100%	09-Jan-20 A	27-Apr-20 A		0							
	Electrical and Control	24	100%	09-Jan-20 A	29-Jan-20 A		0							
	BOP Systems Walkdown	58	100%	16-Jan-20 A	27-Apr-20 A		0							
	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	254	100%	28-Feb-16 A	06-May-20 A		0							
	Balance of Plant Systems	70	100%	09-Jan-20 A	06-May-20 A		0							
	GT2 Engine Commissioning	149	100%	28-Feb-16 A	06-May-20 A		0							
	GT1 Engine Commissioning	240	100%	24-Sep-19 A	06-May-20 A		0							
	Demobilization	46	100%	24-Feb-20 A	15-May-20 A		0							
	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	MSAElectrical 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		0						
	SCG-1050	De-Mobilize	4	100%	01-Apr-20 A	07-Apr-20 A		0						
	SCE Interconnection Schedule		580	79.31%	07-Apr-17 A	08-Mar-21	149	-110						
Stanton Energy Reliability Center Integrated Schedule (PIN# 8016) - Update		580	79.31%	07-Apr-17 A	08-Mar-21	149	-110							
Project Management		390	100%	07-Apr-17 A	03-Mar-20 A		0							
0110	PMWIF Issuance	0	100%		07-Apr-17 A		0							
0115	PMWIF Acceptance	0	100%		14-Apr-17 A		0							
0100	Issue ATP	0	100%		20-Mar-18 A		0							
0120	Customer Final Design	10	100%	02-Jul-18 A	14-Dec-18 A		0							
0130	Substation Designs Complete	0	100%		05-Feb-19 A		0							
0125	Issued Drawings to CDM	0	100%		10-Apr-19 A		0							
0105	Approved OD	0	100%		03-Mar-20 A		0							
Customer Milestones		230	100%	14-Dec-18 A	01-Nov-19 A		0							
01205	Design Drawings Final	0	100%		14-Dec-18 A		0							
01210	UG 66kV Duck Construction Complete	0	100%		01-May-19 A		0							
01215	66kV Dead-End Rack Construction Complete	0	100%		01-Jul-19 A		0							

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

Milestone

Milestone

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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE				WBS Summary				10-Aug-20 17:47					
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020					
								Jul	Aug	Sep	Oct	Nov	Dec
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	Quality 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						
01078	Construction Start	0	100%	19-Nov-19 A			0						

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

Milestone

Milestone

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Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020					
								Jul	Aug	Sep	Oct	Nov	Dec
	01075 Built and Test Position 11	45	100%	19-Nov-19 A	17-Jan-20 A		0						
	01280 3ABank 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						

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

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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE			WBS Summary						10-Aug-20 17:47							
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020								
								Jul	Aug	Sep	Oct	Nov	Dec			
	01245	Trans Telecom Work at Barre Substation		20	100%	19-Nov-19 A	13-Dec-19 A		0							
	01250	Installation Testing		10	100%	30-Dec-19 A	10-Jan-20 A		0							
	Skip Substation		235	100%	20-Feb-19 A	10-Jan-20 A		0								
	9120	Designs / Engineering		72	100%	20-Feb-19 A	30-May-19 A								0	
	9125	Procurement & Materials Delivery		48	100%	18-Jun-19 A	22-Aug-19 A								0	
	9130	Trans Telecom Work at Skip Substation		20	100%	29-Nov-19 A	26-Dec-19 A								0	
	9135	Installation Testing		10	100%	30-Dec-19 A	10-Jan-20 A								0	
	IT/Telecom		295	100%	19-Nov-18 A	10-Jan-20 A		0								
	Barre Substation		295	100%	19-Nov-18 A	10-Jan-20 A		0								
	9020	Preliminary Engineering		60	100%	19-Nov-18 A	15-Feb-19 A		0							
	9025	Final Engineering		65	100%	18-Feb-19 A	21-May-19 A		0							
	9030	Procurement & Material Delivery		90	100%	22-May-19 A	15-Oct-19 A		0							
	9035	IT/Telecom Installation at Barre Substation		10	100%	16-Dec-19 A	27-Dec-19 A		0							
	9060	Installation Testing		10	100%	30-Dec-19 A	10-Jan-20 A		0							
	Skip Substation		295	100%	19-Nov-18 A	10-Jan-20 A		0								
	9070	Preliminary Engineering		60	100%	19-Nov-18 A	15-Feb-19 A		0							
	9075	Final Engineering		65	100%	18-Feb-19 A	21-May-19 A		0							
	9080	Procurement & Material Delivery		90	100%	22-May-19 A	24-Sep-19 A		0							
	9085	IT/Telecom Installation at Skip Substation		10	100%	02-Dec-19 A	13-Dec-19 A		0							
	9090	Installation Testing		10	100%	30-Dec-19 A	10-Jan-20 A		0							
	PSC		260	100%	20-Feb-19 A	16-Jan-20 A		0								
	Barre Substation		260	100%	20-Feb-19 A	16-Jan-20 A		0								
	9040	Preliminary Engineering		60	100%	20-Feb-19 A	14-May-19 A		0							
	9045	Final Engineering		65	100%	15-May-19 A	13-Aug-19 A		0							
	9065	Test & In-Service		10	100%	03-Jan-20 A	16-Jan-20 A		0							
	Skip Substation		260	100%	20-Feb-19 A	16-Jan-20 A		0								
	9095	Preliminary Engineering		60	100%	20-Feb-19 A	14-May-19 A		0							
	9100	Final Engineering		65	100%	15-May-19 A	13-Aug-19 A		0							
	9105	Procurement & Material Delivery		50	100%	14-Aug-19 A	07-Nov-19 A		0							
	9110	PSC Installation at Skip Substation		25	100%	29-Nov-19 A	02-Jan-20 A		0							
	9115	Test & In-Service		10	100%	03-Jan-20 A	16-Jan-20 A		0							
	Under Frequency Loading Shield		120	0%	03-Aug-20 A	08-Mar-21	149									
	UFLS-0100	UFLS - Engineering		100	0%	03-Aug-20 A	01-Feb-21	149								
	UFLS-0200	UFLS - Install Relay Rack		20	0%	02-Feb-21	08-Mar-21	149								
	Project Closeout		66	100%	20-May-20 A	20-Aug-20	335	0								
	9015	Issue Authorization To Close (ATC)		0	100%		20-May-20 A									0
	9010	Work Order Close-Out Complete (FAOC)		0	0%		20-Aug-20*	0								0
BESS Construction Schedule			93	53.96%	01-Apr-20 A	16-Oct-20	226	3								

[illegible]

SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE			WBS Summary					10-Aug-20 17:47						
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020						
								Jul	Aug	Sep	Oct	Nov	Dec	
BESS-2000	Underground Utilities	4	100%	01-Apr-20 A	28-Apr-20 A		0							
BESS-2006	HPSU Pad	10	100%	29-Apr-20 A	12-May-20 A		0							
BESS-2005	Transformer Pad - Ground Floor	6	100%	30-Apr-20 A	12-May-20 A		0							
BESS-2030	BESS Equipment Delivered To Site	8	100%	12-May-20 A	02-Jun-20 A		0							
BESS-2020	Equipment Installation (Ground Floor)	12	100%	12-May-20 A	29-May-20 A		0							
BESS-2121	Sleeper Pads	6	100%	12-May-20 A	01-Jun-20 A		0							
BESS-2122	Switchgear Pads	8	100%	12-May-20 A	19-May-20 A		0							
BESS-2015	Second Floor Construction	8	100%	19-May-20 A	17-Jul-20 A		0							
BESS-2124	Above Ground Electrical	10	100%	20-May-20 A	08-Jul-20 A		0							
BESS-2123	Transformer Pad - Containment Curb	5	100%	31-May-20 A	04-Jun-20 A		0							
BESS-2035	Electrical Wiring (Ground Floor)	16	100%	03-Jun-20 A	01-Jul-20 A		0							
BESS-2025	13.8KV Cable Tray To Main GSU	3	100%	03-Jun-20 A	25-Jun-20 A		0							
BESS-2125	Deliver & Assemble Equipment (Top Floor)	2	100%	05-Jun-20 A	15-Jun-20 A		0							
BESS-2040	BESS Testing & Commissioning	16	50%	07-Jul-20 A	14-Aug-20	200	0							
BESS-2050	EGT Testing & Commissioning	10	10%	29-Jul-20 A	18-Aug-20	199	1							
BESS-2080	EGT Comissioning and Trial Test Runs	4	0%	13-Aug-20	18-Aug-20	199	3							
BESS-2060	BESS COD (For RAPA)	0	0%		18-Aug-20	199	1							
BESS-2090	EGT Substantial Completion Target (COD)	0	0%	18-Aug-20		199	3							
BESS-2100	O&M Staff Training By GE	4	0%	18-Aug-20	26-Aug-20	226	3							
BESS-2110	As Builts	4	0%	18-Aug-20	16-Oct-20	226	3							
BESS-2120	Final Completion Target	0	0%	16-Oct-20		226	3							

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

Milestone

Milestone

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TASK filter: Not Level Of Effort.

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Attachment 2 – COM-5 Compliance Matrix

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)														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		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	SERC Project Manager DSR
6		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	Date Submitted to CPM	Not Started										
21		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
22		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
23		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	NA	In Progress						SCAQMD	12/31/2019 1/2/2020 1/9/2020		SERC	DSR
24		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.	The project owner shall notify the date and time of the source test(s) at least 10 days prior to 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.	5/25/2020	7/6/2020	Completed		NA							SERC	DSR
25		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.	5/25/2020	NA	Completed						SCAQMD	16-May-20		SERC	DSR
26		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	Conditional		Not Started									SERC	DSR
27		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	Conditional	NA	Not Started						SCAQMD			SERC	DSR
28		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.	8/3/2020	7/15/2020	Completed		NA							SERC	DSR
29		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.	8/3/2020	NA	Not Started						SCAQMD				
30																					

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)														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		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-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	Date Submitted to CPM 1/24/2020	Completed		NA									
41	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.	8/25/2020	NA	Completed					SCAQMD	7/4/2020			SERC	DSR	
42	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.	N/A	The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine	7/15/2020	NA	Completed									SERC	DSR	
43	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	Completed		NA			SCAQMD	8/26/2019			SERC	DSR	
44	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.	8/25/2020	NA	Completed					SCAQMD	7/4/2020			SERC	DSR	
45	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	NA	Completed									SERC	DSR	
46	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 total 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	
47	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	NA	Not Started									SERC	DSR	
48	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	NA	Completed									SERC	DSR	
49																					

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)															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		Compliance Status for CPM (Not started, in progress, completed (with date))		Date Submitted to CPM	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	
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)	The Designated Biologist shall 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 Monthly Compliance Report.	Monthly	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)	The Designated Biologist shall 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 Annual Compliance Report.	Annual Compliance Report	Conditional		In Progress										SERC	GAL	
84	BIO	BIO-3a	PC	Biological Monitor Selection - The project owner's Designated Biologist shall submit the resumes, at least 3 references and contact information, of the proposed Biological Monitors to the CPM for approval.	Submit the specified information to the CPM for approval no less than 30 days prior to the start of any pre-construction site mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	BM's Quals	At least 30 days prior to the start of pre-construction site mobilization.	1/5/2019	11/1/2018	Completed		11/14/2018								JACOBS	GAL	
85	BIO	BIO-3b	CONS/COM/OPS	Biological Monitor Selection - The project owner's Designated Biologist shall submit the resumes, at least 3 references and contact information, of the proposed Biological Monitors to the CPM for approval.	Submit the specified information to the CPM for approval no less than 30 days prior to the start of any pre-construction site mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	If Additional BMs are needed during construction	Approval from CPM at least 10 days prior to their first day of monitoring activities.	Conditional	4/9/2019	In Progress		4/18/2019								JACOBS	GAL	
86	BIO	BIO-4a	CONS/COM/OPS	Designated Biologist and Biological Monitor Authority - The project owner's construction/operation manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources conditions of certification. If required by the Designated Biologist and/or Biological Monitor(s) the project owner's construction/operation manager shall halt all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall (paraphrase)have the authority to stop construction and notify the CPM of the work stoppage.	Ensure that the DB or BM notify the CPM of any non-compliance or halt of construction.	BM Notify CPM	Morning following the incident (or Monday morning in case of a weekend)	Conditional		Not Started										JACOBS	GAL	
87	BIO	BIO-4b	CONS/COM/OPS	Designated Biologist and Biological Monitor Authority - The project owner's construction/operation manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources conditions of certification. If required by the Designated Biologist and/or Biological Monitor(s) the project owner's construction/operation manager shall halt all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall (paraphrase)have the authority to stop construction and notify the CPM of the work stoppage.	Ensure that the DB or BM notify the CPM of any non-compliance or halt of construction.	Project Owner Notify CPM of circumstances and actions being taken to resolve the problem	Morning following the incident (or Monday morning in case of a weekend)	Conditional		Not Started										SERC	GAL	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)															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		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									Date Submitted to CPM													
88	BIO	BIO-5a	PC	Worker Environmental Awareness Program, Biological Resources - The project owner shall develop and implement a project-specific Worker Environmental Awareness Program (WEAP) and shall secure approval for the WEAP from the CPM in consultation with USFWS and CDFW. The WEAP shall be administered to all onsite personnel including surveyors, construction engineers, employees, contractors, contractor's employees, supervisors, inspectors, subcontractors, and delivery personnel. The WEAP shall be implemented during site mobilization, ground disturbance, grading, construction, operation, and closure.	No less than 45 days prior to the start of any pre-construction site mobilization, the project owner shall provide to the CPM the proposed WEAP and all supporting written materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s) administering the program.	Draft WEAP	At least 45 days prior to the start of pre-construction site mobilization	11/18/2018	10/18/2018	Completed		12/13/2018						JACOBS	GAL			
89	BIO	BIO-5b	PC	Final WEAP - See BIO-5a	At least 10 days prior to site and related facilities mobilization, the project owner shall submit two copies of the CPM-approved materials.	Final WEAP	At least 10 days prior to start of site mobilization	12/18/2018	1/10/2019	Completed		1/23/2019						JACOBS	GAL			
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	12/29/2020	NA	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	Annually	NA	Not Started								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 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		Not Started								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 BRMIMP	Notify CPM no less than 5 working days before implementing the modifications	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			

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2	All Phases										6/30/2040	Construction						
3												Commissioning						
4	Revised 4/30/2019											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
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	Completed	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	NA						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		NA			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		NA			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		NA			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		NA								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		NA			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	NA	3/13/19 4/11/19					SERC	GAL
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 owners shall 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 unforeseen adverse soil or geologic conditions are identified by RE	Conditional	NA	Not Started		Conditional					SERC	GAL

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5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	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	SERC Project Manager 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	NA							
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	NA						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	NA	Not Started		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	NA						SERC	TLB/TAT
118	CIVIL	CIVIL-3c	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO	Project owner shall submit details of corrective action to CBO	within 5 days of resolution of non-compliance report	Conditional	NA	Not Started		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 shall submit details of corrective action to CPM	within 5 days of resolution of non-compliance report	Conditional		Not Started	NA						SERC	TLB/TAT

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5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not started, in progress, completed (with date))											
6									Date Submitted to CPM	In Progress	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	SERC Project Manager TLB			
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													
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)	9/14/2020	NA	In Progress		Required						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	9/14/2020		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	NA	In Progress		Conditional						SERC	TLB		
124	COM	COM-10	PC/CONS/C OM/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/fin ling_fees.html.	Petition to amend, fees	Life of the project	Conditional	PTAR1 - Additional Laydown Area - 5/22/2019 PTAR2 - SoCalGas Additional Laydown Area - 8/19/2019	In Progress	6/21/2019						SERC	PZC			
125	COM	COM-11	PC/CONS/C OM/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			

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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	SERC Project Manager DSR
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 5/27/2020 6/4/2020	Completed	6/4/2020 6/17/2020							
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	NA						SERC	GAL
129	COM	COM-13b	CONS/COM/OPS	Incident-Reporting Requirements - The project owner shall notify the CPM within one hour after it is safe and feasible, of any incident at the facility that results in (See Decision COM-13 for incident types that apply).	After the initial 6-day report, the project owner shall start submitting monthly status reports; within 48-hours of a request by the CPM, the project owner shall submit a status report. Status reports shall include the activities already taken, and those currently being taken, to remedy the impacts of the incident. The CPM will determine when reporting is	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	NA						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		Not Started							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	NA						SERC	GAL

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5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	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			
132	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	2/1/2019								
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 below (See Decision COM-4 for specifications).	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) 1/7/19	2/1/2019				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	1/31/2021		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	NA	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 reports (PCR)	Submit searchable electronic ACR to CPM, submit PCRs required by the various technical disciplines	Annual Compliance Report	1/31/2021		Not started	NA						SERC	DSR			
140	COM	COM-8	PC/CONS/COM/OPS	Confidential Information - Any information that the project owner designates as confidential shall be submitted to the Energy Commission's Executive Director with an application for confidentiality, pursuant to Title 20, California Code of Regulations, section 2505(a).	Any information deemed confidential pursuant to the regulations will remain undisclosed, as provided in Title 20, California Code of Regulations, section 2501 et seq.	Request for confidentiality	Life of the project	Ongoing		In Progress							SERC	SAG			
141	COM	COM-9	PC/CONS/COM/OPS	Annual Energy Facility Compliance Fee - Pursuant to the provisions of section 25806(b) of the Public Resources Code, the project owner is required to pay an annually adjusted compliance fee.	The initial payment is due on the date the Energy Commission docket's 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			

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3															Commissioning						
4				Revised 4/30/2019		Based on Final Staff Assessment									Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	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			
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 for CRS)	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										
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 for CRS)	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	NA						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	NA						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	Completed	12/3/2018 7/18/2019						JACOBS	GAL			
148	CUL	CUL-1d	PC	Native American Monitors - See Cul-1a (CUL-1 Section D.4)	If efforts to obtain the services of a qualified NAM are unsuccessful, the project owner shall inform the CPM.	Communication with CPM documenting efforts to obtain services of a qualified NAM	At least 30 days prior to the beginning of post-certification cultural resources field work or construction-related ground disturbance	12/3/2018	11/16/2018	Completed	12/3/2018						JACOBS	GAL			
149	CUL	CUL-1d	PC	Native American Monitors - See Cul-1a (CUL-1 Section D.4)	If efforts to obtain the services of a qualified NAM are unsuccessful, the project owner shall inform the CPM.	Communication with CPM documenting efforts to obtain services of a qualified NAM	At least 30 days prior to the beginning of post-certification cultural resources field work or construction-related ground disturbance	12/3/2018	11/16/2018	Completed	12/3/2018						JACOBS	GAL			
150	CUL	CUL-1e	PC/CONS	Additional Cultural Resources and Native American monitors - See Cul-1a (CUL-1 Section D.5)	The owner may submit qualifications for additional CRMS or NAMs as needed.	Submit qualifications to the CPM for review and approval	At least 5 days prior to the CRMs or NAMs beginning on-site duties	Conditional		In Progress							JACOBS	GAL			
151	CUL	CUL-1f	PC/CONS	Additional Cultural Resources Specialists - See Cul-1a (CUL-1 Section D.5)	The owner may submit qualifications for cultural resources specialists.	Submit qualifications to the CPM for review and approval	At least 5 days prior to the specialists beginning on-site duties	Conditional	3/6/2019 4/26/2019 8/12/2019	In Progress	3/11/2019 4/29/2019 8/22/2019						JACOBS	GAL			

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	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not started, in progress, completed (with date))		Date Submitted to CPM	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	
5		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
168		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	NA	Completed								ARB	GAL	
169		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 completed 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	NA							SERC	GAL	
170		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	NA	Completed								JACOBS	GAL	
171		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	NA	Completed								JACOBS	GAL	
172		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	
173		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	
174		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	
175		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	
176		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	NA	Not Started								JACOBS	GAL	
177																					

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3												Commissioning						
4												Operations						
				Revised 4/30/2019			Based on Final Staff Assessment											
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
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	8/2/2020		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	NA						JACOBS	GAL
184	CUL	CUL-7a	PC	Powers of the CRS - The CRS shall have the authority to halt ground disturbance in the event of a discovery. Redirection of ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRS. In the event that a cultural resource over 50 years of age is found (or if, determined exceptionally significant by the CRS), or impacts to such a resource can be anticipated, ground disturbance shall be halted or redirected in the immediate vicinity of the discovery sufficient to ensure that the resource is protected from further impacts. If the discovery includes human remains, the project owner shall comply with the requirements of Health and Human Safety Code § 7050.5(b) and shall additionally notify the CPM and the NAHC of the discovery of human remains. No action with respect to the disposition of human remains of Native American origin shall be initiated without direction from the CPM. Monitoring, including Native American monitoring, and daily reporting, as provided in other conditions, shall continue during the project's ground-disturbing activities elsewhere, while the halting or redirection of ground disturbance in the vicinity of the discovery shall remain in effect until the CRS has visited the discovery, and all of the following have occurred: (See Decision for specifications 1-5).	At least 30 days prior to the start of ground disturbance, the project owner shall provide the CPM and CRS with a letter confirming that the CRS, Alternate CRS, and CRMs have the authority to halt ground disturbance in the vicinity of a cultural resources discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning.	Letter of confirmation that the CRS, Alternate CRS, and CRMs have authority to halt ground disturbance	At least 30 days prior to the start of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018						JACOBS	GAL

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6		CUL	CUL-7b	CONS/COM	DPR-523 Forms (See Decision CUL-7 for specifications).	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	Date Submitted to CPM	Not Started	Date Approved by CPM							
185		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	Conditional		Not Started	NA						JACOBS	GAL
186		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	Conditional		Not started							JACOBS	GAL
187		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.	Conditional		Not started							JACOBS	GAL
188		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.	3/28/2019	3/28/2019	Completed	3/29/2018						JACOBS	GAL
189		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.	3/29/2019	3/29/2019	Completed	3/29/2019						JACOBS	GAL
190	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 51-013 PCL 1-13.0 7/26/19 51-014 PCL	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	
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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	SERC Project Manager GAL
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 design 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	NA							
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 (CBCS), 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 CBCS is in effect, the 2016 CBCS 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	8/31/2020		Not started	NA	Operations					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 (CBCS), 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 CBCS is in effect, the 2016 CBCS 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	8/31/2020		Not Started	NA						SERC	GAL

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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		Compliance Status for CPM (Not started, in progress, completed (with date)) In Progress		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 TLB
6	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	Date Submitted to CPM										
211	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	
212	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	
213	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	NA						ARB	TLB	
214	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		Monthly					SERC	GAL	
215	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	NA						SERC	GAL	
216	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	NA	In Progress	Required					SERC	GAL		
217	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, 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.	Monthly as completed	Monthly	In Progress										
218	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	
219	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	10/30/2020	NA	Not Started		Required					SERC	TAT	
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2	All Phases												6/30/2040			Construction										
3																Commissioning										
4																Operations										
5	Revised 4/30/2019										Based on Final Staff Assessment															
6	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								
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	NA	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				NVS	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 strengths 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	1/31/2021		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	Approximately 60 days before receiving hazardous materials on site	7/20/2019	8/2/2019	Completed	9/12/2019 10/14/19	1-1-0 8/6/19 PC1 2-3-0 8/6/19 PC1	10/16/2019				SERC	DSR								
225	HAZ	HAZ-2aa	CONS	HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	Prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of the HMBP and SPCC to the CPM for review.	HMBP, SPCC and RMP to CPM for review	Approximately 60 days before receiving hazardous materials on site	7/29/2019	NA	Completed				OCEHD	8/2/2019											

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1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																		
2	All Phases							6/30/2040				Pre-Construction							
3												Construction							
4				Revised 4/30/2019		Based on Final Staff Assessment						Commissioning							
												Operations							
	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		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	SERC Project Manager GAL
5		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	Date Submitted to CPM 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							
238		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	1/31/2021		Not Started	NA						SERC	GAL
239		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
240		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	NA	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 1-4.0 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 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 1-4.0 6/19/19 PC1				Power	TAT
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1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)															Pre-Construction						
2	All Phases							6/30/2040							Construction							
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4				Revised 4/30/2019		Based on Final Staff Assessment									Operations							
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	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	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 & Quails	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				
263	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 & Quails	No time specified.	Conditional	2/27/2019	Not Started	2/27/2019						JACOBS	GAL				
264	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				
265	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				
266	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				
267	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				
268	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				
269	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				
270	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				
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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 (Ref Only)	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager 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 Annual Compliance Report (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	1/31/2021		Not Started								
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	5/9/2019 7/20/2020	Completed	5/16/2019 7/22/2020	(Ref Only) 7/22/2020					ARB	GAL
295	S&W	SOIL & WATER-6b	CONS/COM/OPS	Sewer Connections - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Fees paid to the city shall be reported in the ACR.	Annual Compliance Report	1/31/2021		Not Started		(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	1/31/2021		Not Started		(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

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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	NA	Completed							City of Stanton	3/1/2019 7/1/2019	3/4/2019 7/1/2019	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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	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	7/2/2020	Conditional	Date Submitted to CPM	Not started	NA	(Ref Only) Conditional										
322	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) Conditional					SERC	GAL				
	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 City of Stanton Driveway X/N/2020	7/31/2019	In Progress	8/1/2019	(Ref Only) 7/31/19					SoCalGas/SCE	GAL				
324	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.	12/29/2020		In Progress							SERC	TLB				
325	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							SERC	GAL				
326	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	1/31/2021		Not started		(Ref Only) Annual					SERC	DSR				
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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										
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	NA						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: 10/29/2018; UPRR: 11/1/2018	City of Stanton: 10/29/18	SERC	GAL
331	TRANS	TRANS-6d	PC	Final Rail Crossing Safety Plan - See TRANS-6a	The project owner shall provide copies of any comment letters received from the city of Stanton and UPRR, along with any changes to the rail crossing safety plan, for CPM review and approval.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction-related ground disturbance	1/19/2019	12/3/2018	Completed	1/24/2019								JACOBS	GAL	
332	TRANS	TRANS-6e	PC	Final Rail Crossing Safety Plan - See TRANS-6a	After CPM review and approval, the project owner shall provide completed copies of the final rail crossing safety plan to the city of Stanton and UPRR, sending copies of the correspondence to the CPM.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction-related ground disturbance	1/19/2019	1/19/2019	Completed	1/24/2019						City of Stanton UPRR		SERC	GAL	
333	TRANS	TRANS-7	CONS	FAA Notification for Construction Equipment at or Exceeding 153 Feet AGL - The project owner or its contractor(s) shall file Federal Aviation Administration (FAA) Form 7460-1, Notice of Proposed Construction or Alteration, with the FAA for any construction equipment 153 feet above ground level (AGL) or taller. The project owner shall comply with any conditions imposed by the FAA as part of their hazard determination, such as marking and lighting requirements.	The project owner shall submit to the CPM a copy of the FAA's hazard determination.	FAA Form 7460-2, Notice of Actual Construction or Alteration	At least 30 days prior to the presence onsite of any construction equipment 153 feet AGL or taller	4/24/2019	4/24/2019 5/1/2019 (corrected elevation)	Completed	5/1/2019 8/5/19								Jacobs	GAL	
334	TRANS	TRANS-8a	CONS	Pilot Notification and Awareness - The project owner shall initiate the following actions to ensure pilots are aware of the project location and potential hazards to aviation. (See Decision TRANS-8 for specifications).	The project owner shall submit to the CPM for review and approval draft language for the letters of request to the FAA, the LAAA Manager, and the FMA Manager. The letters should request a response within 30 days that includes a timeline for implementing the required actions.	Draft letters to the FAA, LAAA Manager, and FMA Manager	Within 60 days following the start of construction	4/19/2019	3/20/2019	Completed	3/22/2019								JACOBS	GAL	
335	TRANS	TRANS-8b	CONS	Final Letters to FAA, LAAA, and FMA - See TRANS-8a	The project owner shall submit the required letters of request to the FAA, the LAAA Manager, and the FMA Manager. The project owner shall submit copies of these requests to the CPM. A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Final letters to the FAA, LAAA Manager, and FMA Manager	Within 60 days after CPM approval of the draft language	5/7/2019	3/22/2019	Completed	5/22/2019						Los Alamitos Army Airfield, FAA, Fullerton Municipal Airport	3/27/2019		JACOBS	GAL

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336	TRANS	TRANS-8c	CONS	Correspondence from FAA, LAAA, or FMA - See TRANS-8a	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Copy of correspondence from FAA, LAA or FMA	Within 10 days of receipt	Conditional	FMA - 04/02/2019 FMA&LAAA - 04/11/2019 Additional LAAA correspondence Transmitted on 5/13/19	Completed	4/11/2019							
337	TRANS	TRANS-8d	CONS	Correspondence from FAA, LAAA, or FMA - See TRANS-8a	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Contact CPM if FAA, LAA Manager or FMA manager does not respond	Within 30 days after submittal	5/8/2019	5/8/2019	Completed	5/9/2019						SERC	GAL
338	TSE	TSE-1	CONS	Schedule of Designs, Master Drawing List, Specification Lists - Furnish to the CPM and to the CBO a schedule of transmission facility design submittals, as described in this condition (See Decision TSE-1), a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. Provide designated packages to the CPM when requested.	Prior to the start of construction, submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain the elements listed in this condition. Additions and deletions shall be made to the table only with CPM and CBO approval.	Schedule, Master Drawing and Specifications Lists	Prior to the start of construction of transmission facilities	5/1/2019	5/30/2019	Completed	6/17/2019	5/29/2019	6/12/2019				Power	GAL
339	TSE	TSE-2a	CONS	Final Switchyard Design- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for 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	NA	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 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	8/1/2021	NA	Not Started							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 the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Make request for CBO inspection of installation applicable to LORS	During construction	1/2/2020	NA	Completed		8/2/2019	8/21/2019				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

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5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not started, in progress, completed (with date))				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	SERC Project Manager GAF
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	11/21/2019	12/9/2019								
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	NA									SERC	DSR
346	TSE	TSE-Sa	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		(Ref Only) Conditional	7/6/2020						SERC	TLB	
347	TSE	TSE-Sb	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	6/20/2020	Completed	6/30/2020	6/18/2020	7/6/2020						SERC	GAF	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
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2	All Phases							6/30/2040							Pre-Construction							
3															Construction							
4															Commissioning							
															Operations							
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not started, in progress, completed (with date))		Date Submitted to CPM	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	
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	6/20/2020	Completed	6/30/2020	6/18/2020	7/6/2020							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	6/20/2020	Completed	6/30/2020	6/18/2020	7/6/2020							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) Conditional								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	8/1/2020		Not Started		(Ref Only)								SERC	GAL	
353	VIS	VIS-1d	OPS	Surface Treatment Maintenance - See VIS-1a	Project owner shall provide status report regarding surface treatment maintenance in the ACR. The report shall specify a) the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occurred during the reporting year; and c) the schedule of maintenance activities for the next year	Status Report	Annual Compliance Report	1/31/2021		Not Started		(Ref Only) Annual								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												Operations						
				Revised 4/30/2019			Based on Final Staff Assessment											
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
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	4/3/2020	6/28/2020	In Progress		(Ref Only) 7/2/2020	7/23/2020	City of Stanton	4/23/2020	5/13/2020	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) Conditional					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	8/1/2020		Not Started		(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	8/16/2020		Not Started	NA	(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	1/31/2021		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	(Ref Only)					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	NA	(Ref Only) Conditional					ARB	GAL
361	VIS	VIS-3c	CONS	Complaint Reporting - See VIS-3a	The project owner shall provide to the CPM a copy of any complaint reports and resolution form, including a schedule for implementing corrective measures to resolve the complaint.	Complaint report and resolution form, schedule for corrective measures	Within 48 hours of receiving a lighting complaint for any construction activity	Conditional		Not Started		(Ref Only) Conditional					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		(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												Operations						
				Revised 4/30/2019			Based on Final Staff Assessment											
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? City of Stanton	Date Submitted to Other agencies 11/26/18	Date Approved by Other Agencies 11/27/18	Responsible Party POWER	SERC Project Manager 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	NA	Completed								
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) 6/4/2019	8/5/2019				SERC	GAL
365	VIS	VIS-4c	CONS/COM/OPS	Revised Lighting Plan - See VIS-4a	If the CPM determines that the plan requires revision, the project owner shall provide a plan with the specified revision(s) for review and approval by the CPM. A courtesy copy of the revised plan shall be provided to the Planning Director of the city of Stanton for review and 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	7/11/2020	Completed	7/20/2020	(Ref Only) Conditional 7/14/2020	7/23/2020				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	8/1/2020		Not Started	NA	(Ref Only)					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	NA	(Ref Only) Conditional					SERC	GAL

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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 (Ref Only) Conditional	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager 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								
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 resolution 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	1/31/2021		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	7/27/2020		Not Started	NA	(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 30 days of receiving notification	Conditional		Not Started	NA	(Ref Only) Conditional					SERC	GAL
372	WASTE	WASTE-10a	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 30 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit a Soils Information Form to Orange County Waste and Recycling and the CPM.	Obtain approval letter from Orange County Waste and Recycling	30 days prior to transportation of soils for disposal to Olinda Alpha Landfill	1/19/2019	2/5/2019	Completed	2/12/2019			Orange County Waste and Recycling	2/5/18	2/12/18	SERC	GAL
373	WASTE	WASTE-10b	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 5 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit to the	Approval letter/correspondence from Orange County Waste and Recycling	5 days prior to transportation of soils for disposal to Olinda Alpha Landfill	2/13/2019	2/14/2019	Completed	2/22/2019						SERC	GAL
374	WASTE	WASTE-1a	PC	Landfill from Orange County Waste and Recycling.	At least 45 days prior to any earthwork, the project owner shall submit the SMP to the CPM for review and approval.	Soil Management Plan Summary (SMP to be written and provided by NVS)	At least 45 days prior to any earthwork	11/18/2018	10/18/2018	Completed	10/19/2018						JACOBS	GAL
375	WASTE	WASTE-1b	CONS	SMP Summary - See WASTE-1a	An SMP summary shall be submitted to the CPM within 25 days of completion of any earthwork.	Soil Management Plan Summary	Within 25 days of completion of any earthwork	Conditional		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

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2	All Phases							6/30/2040				Construction						
3												Commissioning						
4												Operations						
				Revised 4/30/2019		Based on Final Staff Assessment												
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
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 geologist within five days of their receipt.	Final reports by the engineer or geologist	Within 5 days of receipt	Conditional	6/12/19 (final NVS 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	NA						SERC	GAL
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 the CPM 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	NA	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

[illegible]

	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												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	SERC Project Manager GAL
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		3/1/2019 6/14/2019	Completed	3/7/2019 6/18/2019							
								Conditional										
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 CFPF 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 3/13/2020				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 CFPF 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	NA	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	Completed	5/4/2020	3/4/2020	3/11/2020	OCFA	2/9/2020	20-Feb-20	SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)															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		Compliance Status for CPM (Not started, in progress, completed (with date))		Date Submitted to CPM		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	SERC Project Manager DSR	
6	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	Completed		5/4/2020										
394	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	
395	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	
396	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	
397	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	
398	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	Completed		12/11/2018	1/22/2019 (Ref Only)	1/23/2019						ARB	GAL	
399	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	Completed		12/11/2018	1/22/2019 (Ref Only)	1/23/2019						ARB	GAL	
400	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		
401	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 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		
402																						

	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)																	
2	All Phases							6/30/2040				Pre-Construction						
3												Construction						
4				Revised 4/30/2019		Based on Final Staff Assessment						Commissioning						
												Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not started, in progress, completed (with date))		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
									Date Submitted to CPM		Date Approved by CPM						JACOBS	GAL
	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	NA	Not started				OCFA				
403																		
	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
404																		
	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	NA	Completed				OCFA OCFA	2/4/2019 11/21/19		POWER	TAT
405																		
	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 7/24/2020	In Progress							Power	GAL
406																		
	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	NA	Completed		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 7-12.0 5/5/20	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 7-12.0 5/18/20				Power	GAL
407																		
	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 9540 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
408																		

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	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												Operations						
5				Revised 4/30/2019			Based on Final Staff Assessment											
6	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
7	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	NA	Completed		(Ref only) 4/20/2020			UL		SERC	GAL
414	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 for first responders to any lithium ion battery fires that may occur at the project site, to CPM for review and approval.	At least 60 days prior to commissioning of BESS	5/28/2020	6/5/2020	In Progress							SERC	GAL
415	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 for first responders to any lithium ion battery fires that may occur at the project site, to CBO for reference only.	At least 60 days prior to commissioning of BESS	5/28/2020	NA	Completed		(Ref only) 6/23/2020		OCFA	1/9/2020 6/5/2020		SERC	GAL
416	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 Certification of ESS to CPM.	Prior to the start of BESS commissioning	7/27/2020									SERC	GAL
417	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 Certification of ESS to CBO for reference only.	Prior to the start of BESS commissioning	7/27/2020	NA	Not Started		(Ref only)					SERC	GAL
418										Not started								

Attachment 3 – Air Quality

Subject **Stanton Energy Reliability Center (16-AFC-1C)**
Air Quality Monthly Compliance Report
July 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 August 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 July 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 July 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

^aSite 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 July 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 July 2020 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN
Bobcat	Skidsteer/Loader S630	WX6G44
Hyster	H210HD 21K Forklift	RD6V74
JLG	G518A 5K Forklift	TW9K96
JLG	G518A 5K Forklift	LD4G88
JLG	8K Reach Forklift JLG 8042L	XS3U35
JLG	600AJ Articulating Boom Lift	SM6N87
John Deere	310SK Backhoe	WV6G36
NA	Generator	159213

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. A PERP registered generator with a Tier 3 engine was used at the site and left the site the same day during this reporting period. The equipment was identified as the necessary tool to efficiently perform the construction activities and searching for a Tier 4 equipment to meet the work schedule for such short work duration is considered not practical. Attachment B 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

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 16:55:31
+07'00'

Date: 7/1/2020

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 before 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: 2020.08.05 16:56:16
+07'00'

Date: 7/2/2020

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 before 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: 2020.08.05 16:56:43
+07'00'

Date: 7/3/2020

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 before 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: 2020.08.05 16:57:29
+07'00'

Date: 7/6/2020

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 before 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: 2020.08.05 16:57:57
+07'00'

Date: 7/7/2020

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 before 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: 2020.08.05 16:58:23
+07'00'

Date: 7/8/2020

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 before 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: 2020.08.05 16:58:56
+07'00'

Date: 7/9/2020

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 before 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: 2020.08.05 17:38:35
+07'00'

Date: 7/10/2020

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 before 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: 2020.08.05 17:40:21
+07'00'

Date: 7/11/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before 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: 2020.08.05 17:40:48
+07'00'

Date: 7/13/2020

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 before 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: 2020.08.05 17:41:19
+07'00'

Date: 7/14/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before 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: 2020.08.05 17:41:42
+07'00'

Date: 7/15/2020

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 before 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: 2020.08.05 17:42:13
+07'00'

Date: 7/16/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before 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: 2020.08.05 17:42:39
+07'00'

Date: 7/17/2020

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 before 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: 2020.08.05 17:43:03
+07'00'

Date: 7/18/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before 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: 2020.08.05 17:43:35
+07'00'

Date: 7/20/2020

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 before 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: 2020.08.05 17:44:20
+07'00'

Date: 7/21/2020

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 before 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: 2020.08.05 17:44:46
+07'00'

Date: 7/22/2020

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 before 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: 2020.08.05 17:45:10
+07'00'

Date: 7/23/2020

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 before 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: 2020.08.05 17:45:33
+07'00'

Date: 7/24/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before 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: 2020.08.05 17:45:57
+07'00'

Date: 7/25/2020

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 before 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: 2020.08.05 17:47:38
+07'00'

Date: 7/27/2020

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 before 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: 2020.08.05 17:48:04
+07'00'

Date: 7/28/2020

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 before 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: 2020.08.05 17:48:29
+07'00'

Date: 7/29/2020

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 before 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: 2020.08.05 17:48:58
+07'00'

Date: 7/30/2020

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 before 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: 2020.08.05 17:49:56
+07'00'

Date: 7/31/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary before 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:

Month/Year		Sweeping Area (Check if swept)			Operator Signature	Comments
Date	Time	Onsite	Pacific	Fern		
07/2020						
7/1/2020	8:00/2:00	X			GABRIEL ESPINOZA	
7/2/2020	11:00	X			GABRIEL ESPINOZA	
7/3/2020	2:00	X			GABRIEL ESPINOZA	
7/4/2020	1:30	X			GABRIEL ESPINOZA	
7/5/2020					OFFSITE	
7/6/2020	9:00/3:00	X			GABRIEL ESPINOZA	
7/7/2020	7:30/3:30	X			GABRIEL ESPINOZA	
7/8/2020	9:00	X			GABRIEL ESPINOZA	
7/9/2020	1:00	X			GABRIEL ESPINOZA	
7/10/2020	10:00	X			GABRIEL ESPINOZA	
7/11/2020	3:00	X			GABRIEL ESPINOZA	
7/12/2020					OFFSITE	
7/13/2020	2:30	X			GABRIEL ESPINOZA	
7/14/2020	7:30	X			GABRIEL ESPINOZA	
7/15/2020	8:00	X			GABRIEL ESPINOZA	
7/16/2020	10:30	X			GABRIEL ESPINOZA	
7/17/2020	2:30	X			GABRIEL ESPINOZA	
7/18/2020	2:30	X			GABRIEL ESPINOZA	
7/19/2020					OFFSITE	
7/20/2020	10:30	X			GABRIEL ESPINOZA	

[illegible]

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

SERC Offroad Diesel Equipment Inventory July 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	5/1/2020	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	EO not available. Tier 4 verified based in engine specs.	
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		
2/20/2019	10/2/2019	BX3T54	SERC_003	CASE	580 SN - BackHoe	2014	JJGN58SNLECT05659	D+S BACKHOE SERVICE	N/A	FPT INDUSTRIAL	FFPX034DD	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	GKXL11.0DDC	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	CAT	ECPLY09.3HTF	C9.3	9.3	2014	5YE01292	303	4F	u-r-001-0479	Green tag issued 02/27/2019		
2/20/2019	5/20/2019	YS5A98	SERC_006	CAT	565 - 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	1T0710KXFE280027		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	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	TF500270		Ortiz	CAT	BCPXL09.3HPA	C9.3	9.3	2011	MME03431	274	4I	u-r-001-0409	Green Tag issued on 3/15/2019	Will only be on site for a few days while SERC ID: SERC_012 is offsite for repairs	
3/20/2019	3/25/2019	YJ4K66	SERC_014	JLG	Forklift - 54'	2014	160057617	Sunstate	ARB	Cummins	DCEXL04.5AAE	QS85.5	4.5	2014	73617640	130	4I	u-r-002-0586	Green Tag issued on 3/22/2019		
3/21/2019	8/30/2019	KT3V94	SERC_015	Genie	Forklift - Variabe 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		
	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	FDZXI02.9020	TD2.9L4	2.9	2015	h	74	4	u-r-013-0496	Green Tag issued on 4/11/2019		
4/10/2019	4/23/2019	BG8T73	SERC_019	John Deere	JD650JLTDozer	2009	T0650JX172684	Savala Equipment 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	5/15/2020	WK9J63	SERC_024	Deere	210I 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	FFPX L03.4ADD	FSHFL413C*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	QS83.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	5/1/2020	HN6U33	SERC_032	JLG	6042 T4F 6K Reach Forklift	2016	160073851	United Rentals	Newtron	Cummins	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		4I	EPA Certified	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	QS86.7	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		
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	JX4T3																			

SERC Offroad Diesel Equipment Inventory July 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
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	5/22/2020	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-SN	2014		PCI	PCI	Isuzu Motors Limited	DSZXL05.2MXA	AM-4HK1X	5.2	2013	4HK1-708365	174	4I	u-r-006-0376	Green tag not issued. 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	5/26/2020	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	QS84.5 160	4.5	2016	22211239	160	4	U-R-002-0629	Green Tag issued 4/15/2020	
4/17/2020	6/9/2020	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	VCED120CA05288151	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	5/26/2020	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	5/6/2020	GI8M45	SERC_063	Volvo	Roller SD115D	2020	VCE5115BLOS236666	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_064	Bobcat	Bobcat S550	2017	AHGM12938	Sunbelt Rentals	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	
5/1/2020	7/28/2020	TW9K96	SERC_065	JLG	G518A 5K Forklift	2018	160086948	Sunstate	TTSC	Deutz AG	HDZXL02.9020	TD2.9L4	2.925	2017	12134505	74	4	U-R-013-0527	Green Tag issued 5/4/2020	
5/1/2020	5/7/2020	TV8Y87	SERC_066	Grove	R7890E Crane	2015	235214	Reliable Construction Services, LLC	Madd Steel	Cummins	FCEXL06.7AAK	QSB6.7I	6.7	2015	73861978	164	4F	U-R-002-0617	Green tag issued 5/4/2020	
5/7/2020	5/26/2020	RD6V74	SERC_067	Hyster	H210HD 21K Forklift	2017	NA	Pape	TTSC	CUMMINS	GCEXL04.5AAH	QS84.5 160	4.5	2016	22211239	160	4	U-R-002-0629	Green tag issued 5/7/2020	
5/18/2020	6/3/2020	DH9V66	SERC_068	TADANO	Crane GR900XL	2017	549689	Mr Crane	Mr Crane	Cummins	GCEXL06.7AAK	QSB6.7	6.7	2016	26648765	270	4	U-R-002-0639	Green tag issued 6/1/2020	
5/22/2020	Onsite	WX6G44	SERC_069	Bobcat	Skidsteer/Loader S630	2016	NA	United Rentals	TTSC	Doosan Daewoo	GDICL02.4LEA	D24NAP	2.4	2016	6069633L03	74	4	U-R-019-0141	Green tag issued 6/1/2020	
5/27/2020	5/27/2020	ML7P96	SERC_070	CAT	Skidsteer/Loader Cat 232	2015	58366-21	Cole Equipment Co	Alcorn Fence	CAT	FH3XL2.22TDI	C2.2	2.216	2015	C8200247	67	4	EPA Certified	No tag issued. Left the same day	Left site 5/27/2020
6/5/2020	6/9/2020	YW9L68	SERC_071	Hyster	Forklift 15K H155FT	2018	NA	Pape	TTSC	Kubota	JKBXL03.8AMD	V3800-CR-TI-EV04	3.8L	2018	2JC3716	107	4	U-R-025-0789	Green tag not issued. Equipment let in 3 days.	
6/9/2020	Onsite	XS3U35	SERC_072	JLG Manufacturing	8K Reach Forklift JLG 8042L	2015	160070680	Sunstate	TTSC	Cummins	FCEXL03.8AAA	QSF3.8	3.8L	2015	82241581	89	4	U-R-002-0620-2	Green Tag issued 6/9/2020	
6/9/2020	Onsite	RD6V74	SERC_073	Hyster	H210HD 21K Forklift	2017	NA	Pape	TTSC	CUMMINS	GCEXL04.5AAH	QS84.5 160	4.5	2016	22211239	160	4	U-R-002-0629	Green Tag issued 6/9/2020	Formerly SERC_067
6/10/2020	Onsite	SM6N87	SERC_074	JLG Manufacturing	600AJ Articulating Boom Lift	2014	300192692	Sunstate	TTSC	Deutz AG	EDZXL02.9020	TD2.9L4	2.925	2014	11633324	67	4	U-R-013-0472	Green Tag issued 6/30/2020	
6/11/2020	6/11/2020	RG7G54	SERC_075	Grove	GMK5275	2012	476A52204CS003167	Mr Crane	TTSC	Cummins	ACEKL019.AAD	QSB6.7	6.7	2010	79577957	220	3	U-R-002-0571-1	No Tag issued. Left the same day	Equipment left the same day
6/18/2020	6/29/2020	179923	SERC_076	Cummins	C150D2RE-Generator	2018	NA	United Rentals	TTSC	Cummins	JCEXL06.7AAL	QSB7-G	6.7	2018	NA	274	4	U-R-002-0675	Verified Tier 4. No tag issued	Delayed data collection
6/12/2020	6/23/2020	UY8S89	SERC_077	JLG	Forklift 15K 1654 1255	2019	NA	United Rentals	TTSC	Deutz AG	KDZXL03.6060	TC03.6L4	3.6	2019	12432900	134	4	U-R-013-0578	Verified Tier 4. No tag issued	Delayed data collection
6/12/2020	6/23/2020	KT9X58	SERC_078	JLG	12K Forklift ZB2044	2019	NA	United Rentals	TTSC	Cummins	KCEXL03.8AAA	QSF3.8	3.8	2019	22363815	56	4	U-R-002-0689	Verified Tier 4. No tag issued	Delayed data collection
6/12/2020	6/22/2020	KU6J94	SERC_079	Skyjack	20K Forklift	2017	85800128	Sunstate	TTSC	Cummins	HCEXL03.8AAA	QSB4.5C	4.5	2017	74090386	168	4	U-R-002-0649	Verified Tier 4. No tag issued	Delayed data collection
6/10/2020	6/23/2020	CA7B63	SERC_080	SkyTrak	8042	2017	160082312	Sunstate	TTSC	Cummins	HCEXL03.8AAC	QSF3.8	3.8	2017	89927663	74	4	U-R-002-0647	Verified Tier 4. No tag issued	Delayed data collection
6/10/2020	6/23/2020	TE5J55	SERC_081	SkyTrak	8042L	2016	160076971	Sunstate	TTSC	Cummins	QCEXL03.8AAA	QSF3.8	3.8	2016	89835415	89	4	U-R-002-0640-1	Verified Tier 4. No tag issued	Delayed data collection
6/24/2020	6/29/2020	WV6G36	SERC_082	John Deere	310SK	2014	1T0310SKVEE263742	Boer	TTSC	Cummins	EJDXL04.5211	4045HT073	4.5	2014	PE4045HT073	96	4I	U-R-004-0482	Verified Tier 4. No tag issued	Delayed data collection
7/23/2020	7/28/2020	LD4G88	SERC_083	JLG	G518A 5K Forklift	2019	0160098530	Sunstate	TTSC	Deutz	KDZXL02.9020	TD2.9L4	2.92	2019	12395884	74	4	U-R-013-0573	Green tag issued 7/30/2020	
7/24/2020	Onsite	WV6G36	SERC_084	John Deere	310SK Backhoe	2014	1T0310SKVEE263742	Boer	TTSC	Cummins	EJDXL04.5211	4045HT073	4.5	2014	PE4045HT073	96	4I	U-R-004-0482	Green tag issued 7/30/2020	
7/23/2020	7/23/2020	159213	SERC_085	NA	Generator	2011	4872	Associated Power, Inc.	AEC	Izuzu	BSZXL05.2IXB	4HK1X	5.2	2011	491915	173	3	U-R-006-0351	No Tag issued. Left the same day	Unit left same day

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:02:08 -0700

Date: 7/1/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:03:41 -0700

Date: 7/2/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:04:12 -0700

Date: 7/3/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:05:34 -0700

Date: 7/6/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:05:59 -0700

Date: 7/7/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:07:36 -0700

Date: 7/8/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:08:08 -0700

Date: 7/9/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:08:33 -0700

Date: 7/10/2020

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

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:09:08 -0700

Date: 7/11/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:10:11 -0700

Date: 7/13/2020

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

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:10:36 -0700

Date: 7/14/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:11:11 -0700

Date: 7/15/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:12:43 -0700

Date: 7/16/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:13:10 -0700

Date: 7/17/2020

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

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:13:38 -0700

Date: 7/18/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:14:24 -0700

Date: 7/20/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:14:49 -0700

Date: 7/21/2020

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?	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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:15:12 -0700

Date: 7/22/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:15:41 -0700

Date: 7/23/2020

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

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:16:11 -0700

Date: 7/24/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:16:56 -0700

Date: 7/25/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:18:05 -0700

Date: 7/27/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:18:31 -0700

Date: 7/28/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:18:55 -0700

Date: 7/29/2020

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 AQCMM.
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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:19:20 -0700

Date: 7/30/2020

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 AQCMM.
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.

<p>ADDITIONAL NOTES:</p>

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy
Date: 2020.08.05 18:19:45 -0700

Date: 7/31/2020

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 AQCMM.
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:

BOER BACKHOE, INC.

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

July 31, 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 (July) for all on-site equipment. See Equipment Log for Boer Backhoe equipment currently on-site.

EIN	SERC ID	VEH. Manufacturer	MODEL YEAR	MODEL/DESCRIPTION	ENG TIER
XU6X36		JOHN DEERE	2018	310SI TRACTORS/LOADERS/BACKHOES	T4
WV6G36	SERC-082	JOHN DEERE	2014	310SK TRACTORS/LOADERS/BACKHOES	T4

Respectfully,



Sherry L. Boer
President



August 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 07/2020, TTSC performs inspections and maintenance at the required regularly scheduled intervals. See the attached AQCMP Equipment Log.

<u>CARB ID</u> <u>6 digit</u> <u>(EIN)</u>	<u>SERC ID</u>	<u>Manufacturer</u>	<u>Model/Description</u>	<u>Model</u> <u>Year</u>
TW9K96	SERC_065	JLG	Reachlift 5K	2018
WX6G44	SERC_069	Bobcat	Bobcat s630/Skidsteer	2016
XS3U35	SERC_072	JLG	JLG8042/Reachlift 8K	2015
SM6N87	SERC_074	JLG	Knuckle Boom	2015
5259894	n/a		water truck	
RD6V74	SERC_073	Hyster	H210/forklift 21k	2016
LD4G88		JLG	5K Reach Fork	2019

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

Sincerely

Nathen Howard
Construction Manager



August 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 07/2020, AEC can confirm that inspections and maintenance at the required regularly scheduled intervals. See the attached AQCMP Equipment Log.

<u>CARB ID</u> <u>6 digit</u> <u>(EIN)</u>	<u>SERC ID</u>	<u>Manufacturer</u>	<u>Model/Description</u>	<u>Model Year</u>
159213		Multiquip	DCA-125SSIU/Generator	

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

Sincerely

Nikolas-Jordan Linayao
Project Engineer

MEMBER OF



Attachment 4 –Biological Resources

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
July 2020

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs
 SERC CEC Designated Biologist

Date: August 2, 2020

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

1. Introduction

This July 2020 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from July 1 through July 31, 2020 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C). The MCR is in accordance with the current (October 2018) Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological resources California Energy Commission (CEC) License Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

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

2. Monitoring Summary

This section summarizes biological monitoring activities conducted during the July 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 July 2020 reporting period biological monitoring was conducted on the SERC site five times per week. The Active Nest Notification and Wildlife Observation Form for July 2020 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 are included in Appendix C.

2.1 Activities Monitored

SERC construction activities were monitored daily from July 1 through July 31, 2020 (Monday-Friday). Locations monitored included the SERC site (western and eastern parcels), 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 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

The following is a summary of bird nests protected under the Migratory Bird Treaty Act (MBTA) that were active during the July 2020 reporting period on the SERC site:

- A mourning dove (*Zenaida macroura*) nest was identified on June 15, 2020 in the eastern SERC parcel. The nest was located at approximately 33.8069017 latitude and -117.99847568 longitude. The nest was in a trash dumpster enclosure near the Dale Avenue entrance. The biological monitor observed that the nest successfully fledged. The nest was determined to be no longer active on July 16, 2020.
- A mourning dove nest was identified on June 17, 2020 in the western SERC parcel. The nest was located at approximately 33.8067094 latitude and -117.9872168 longitude. The nest was under the awning on the southwest corner of the RO system, approximately 12 feet above the ground. The biological monitor observed that the nest successfully fledged. The nest was determined to be no longer active on July 20, 2020.
- A mourning dove nest was identified on July 16, 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 12 feet above the ground. The nest was active through the end of the July 2020 reporting period.

The Active Nest Notification and Wildlife Observation Forms 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).

2.3 Special-Status Species

One special status species, the Cooper's hawk (*Accipiter cooperii*) was observed during July 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 July 2020 is included in Appendix C.

2.4 Wildlife Injuries and Mortalities

No injured or dead wildlife species were observed within the SERC project locations during the July 2020 reporting period.

2.5 Hazardous Material Spills

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

2.6 Non-Compliance Report

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

3. WEAP Training

On-site staff received WEAP training prior to starting work on site. A total of 48 persons completed the SERC WEAP training in July 2020. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix D.

Appendix A
Active Nest Notifications and
Wildlife Observations Forms

From: [Heiser, John@Energy](mailto:Heiser_John@Energy)
To: [Tim Bofman](#); [Edens, Ava/SCO](#)
Subject: [EXTERNAL] RE: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)
Date: Monday, July 20, 2020 7:53:48 AM

Good morning Tim and Ava, on July 17,2020; CEC bio staff approved the recent nest notification.
Cheers!

John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Friday, July 17, 2020 8:16 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>; Mike Malsy <mmalsy@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)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning John,

A mourning dove (*Zenaida macroura*) nest was identified in the eastern parcel of the Stanton Energy Reliability Center (SERC) yesterday, July 16, 2020. The nest is located at approximately 33.8067461 latitude and -117.9852721 longitude. The nest is under the awning on the southwest corner of the air compressor awning between Units 1 and 2, approximately 12 feet above the ground. Existing visual barriers are present at the nest site and no-disturbance buffer zone has been established around footprint of the awning with flagging and signage. See attached Wildlife Observation Form for details.

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

NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipient. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer.

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
July 16, 2020	Cara Snellen	Jacobs
Location of Observation (include time spotted and coordinates if possible)		
Active mourning dove nest (beam ledge of southwest awning corner) between Units 1 and 2 in in the SERC Eastern Parcel, approximately 12 feet above ground. Coordinates: 33.8067461, -117.9852721		
Wildlife Species Name	Condition of Wildlife (alive/dead, size, age, weight, etc.)	
Mourning dove (<i>Zenaida macroura</i>)	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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
If Yes, Explain		
Additional Comments		
<p>An active mourning dove nest (MODO East #8) was observed on the beam ledge under the southwest corner of the air compressor awning between Units 1 and 2 in the SERC Eastern Parcel. The nest is located where the supporting vertical corner post connects with the beam ledge. The biologist observed nesting material an adult mourning dove sitting in incubation position. The bird briefly left the area and the site was quickly checked. The biologist confirmed that nesting material and an egg was present. The bird then returned to the nest. The nest location is approximately 12 feet above the ground and is partially concealed by the vertical post, the beam ledge and back face, and surrounding awning roof overhang. Construction has been completed in the immediate vicinity and nearby activities are limited to control room operations, work inside the Unit 1 and 2 enclosures, foot traffic, and parking. A no-disturbance buffer was established around the footprint of the awning with flagging and signage, utilizing the vertical awning posts and surrounding infrastructure as appropriate. The buffer extends approximately 10 to 15 feet to the north, east, and west. The awning overhang and supporting beam face provide a visual/physical barrier south of the nest.</p>		

Photo 1



Location

SERC – Western Parcel

Description

An adult mourning dove was observed sitting on a beam ledge under the southwest corner of the air compressor awning in the East parcel, facing south. Nearby construction activities included foot traffic and control room operations. The bird showed no signs of disturbance.

Photo 2



Location

SERC – Eastern Parcel

Description

As the adult briefly left the area, the beam ledge was inspected for evidence of a nest. Nesting material and one egg were present and the nest was declared active (MODO East #8).

Photo 3



Location	SERC – Eastern Parcel	Description	Overview of the new active nest located in the air compressor awning in the East parcel (MODO East #8), facing southwest. A no-disturbance buffer was established around the new active nest (MODO East #8) with flagging and signage, incorporating existing infrastructure where appropriate.
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Figure 1. Google Earth image of SERC mourning dove nest location and no-disturbance buffer (indicated by yellow pin and red outline). The MODO East #8 nest is located the beam ledge under the southwest corner of the air compressor awning between Units 1 and 2 in the SERC Eastern Parcel, approximately 12 feet above the ground. The vertical post, the beam ledge, and surrounding awning roof overhang provide visual/physical barriers. Construction has been completed in the immediate vicinity and nearby activities are limited to control room operations, work inside the Unit 1 and 2 enclosures, foot traffic, and parking. Coordinates: 33.8067461, -117.9852721.

Appendix B
Biological Resources Compliance
Monitoring Logs

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 1, 2020		Cara Snellen		100-1200
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
68-72	2-3	0.0 in.	Good (10 mi.)	Cloudy/overcast
Location(s) of Work Site Activities Monitored				
<p>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.</p> <p>SERC Site:</p> <p>Western Parcel – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; cable rack pull/installation; trench conduit installation; material fabrication; movement of materials/equipment; foot/vehicle traffic.</p> <p>Eastern Parcel – Ongoing activities included control room operations; foot/vehicle traffic; parking.</p> <p>Western Laydown (SCE West parcel) – Activities included foot traffic.</p> <p>Eastern Laydown (SCE East parcel) – No SERC-related activities. Yard gate is locked and parcel is currently inaccessible.</p> <p>Gas Pipeline – No SERC-related activities.</p> <p>Church Parking Lot – No SERC-related activities.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Activities included parking; foot traffic.</p> <p>Parcel B – Activities included material inventory/movement at warehouse B; foot traffic. Non-SERC activities included movement of materials; foot traffic.</p> <p>Parcel C – Activities included parking; foot traffic.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> MODO nest #6 in Eastern Parcel (trash enclosure) – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation/brooding position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist. Construction activities in the vicinity of the nest included minimal foot/vehicle traffic. MODO nest #7 in Western Parcel (RO system awning) – An adult mourning dove was observed sitting low on the nest in incubation/brooding position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or nearby construction activities. Construction activities in the vicinity of the nest included material fabrication and foot traffic. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No Items requiring follow-up. Monitoring of work will continue during Project construction activities. 				

Wildlife Species Observed:

Birds: mourning dove, house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), house finch (*Haemorhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferus*), barn swallow (*Hirundo rustica*), American kestrel (*Falco sparverius*)

Photo 1



Location	SERC – Western Parcel	Description	Overview of construction activities associated with the above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing south.
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Photo 2



Location	SERC – Western Parcel	Description	Conduit installation in trench adjacent to the BESS and associated electrical work in the West parcel, facing south.
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Photo 3



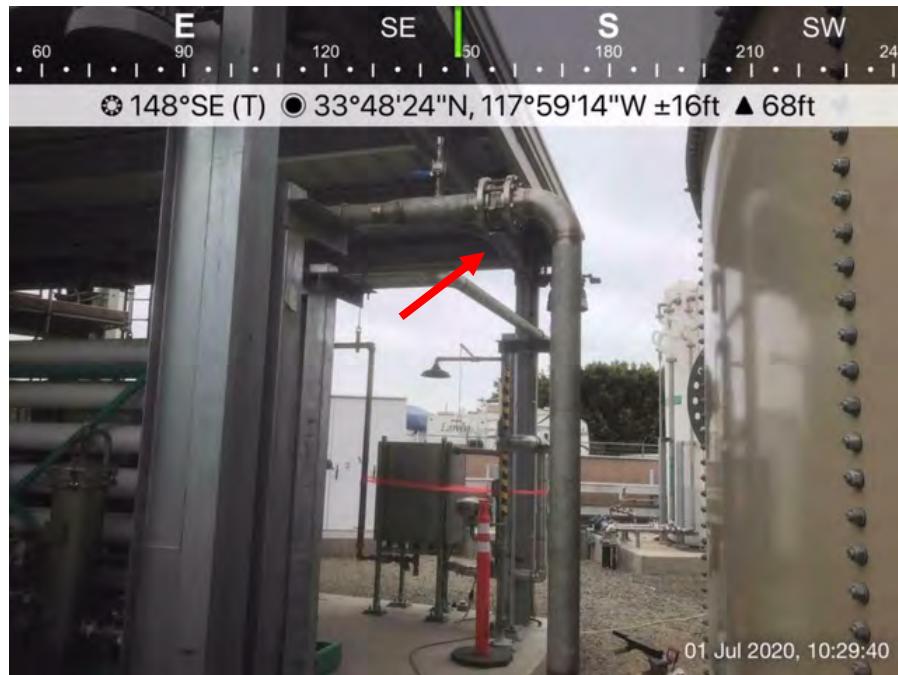
Location	SERC – Western Parcel	Description	Materials fabrication to support BESS construction in the West parcel, facing northeast.
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Photo 4



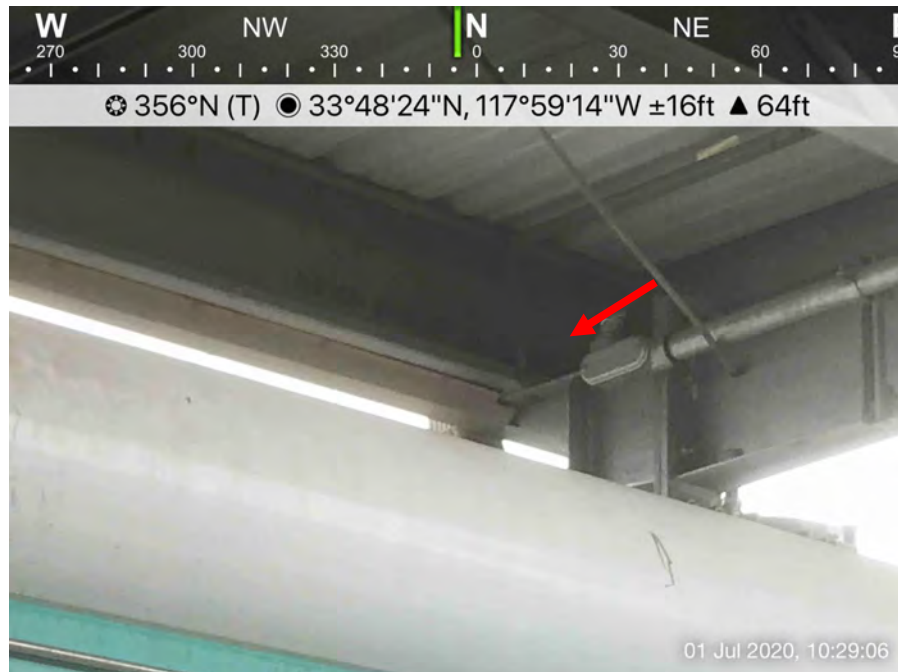
Location	SERC – Western Parcel	Description	Movement of materials in the West parcel, facing southwest.
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Photo 5



Location	SERC – Western Parcel	Description	Overview of the mourning dove nest buffer at the RO awning in the West parcel (MOD0 West #7), facing southeast. Construction activities near the nest buffer included material fabrication and foot traffic.
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Photo 6



Location	SERC – Western Parcel	Description	An adult mourning dove was observed sitting low on the nest (MOD0 West #7) located in the RO awning in the West parcel, facing southwest. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or nearby construction activities.
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Photo 7



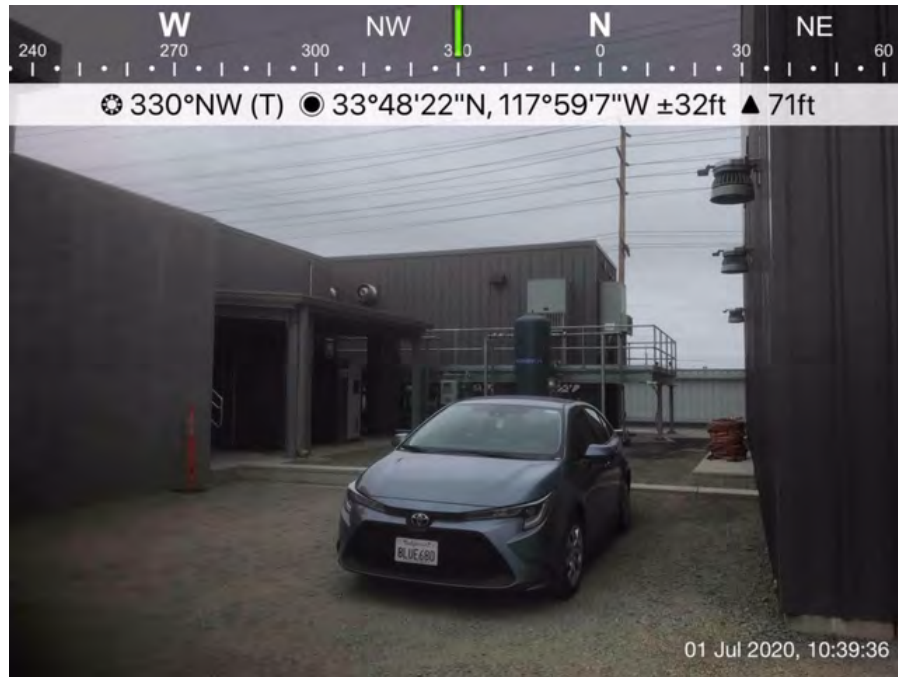
Location	SERC – Western Parcel	Description	Overview of the mourning dove nest buffer in the trash enclosure near the Dale Avenue entrance of the East parcel (MODO East #6), facing southwest. Construction activities in the vicinity of the nest included minimal foot/vehicle traffi.
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Photo 8



Location	SERC – Eastern Parcel	Description	An adult mourning dove was observed sitting low in the nest (MODO East #6) located in the trash enclosure near the Dale Avenue entrance of the East parcel, facing south. The bird was not disturbed by the presence of the biologist.
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Photo 9



Location

SERC – Eastern Parcel

Description

Personnel parking associated with control room operations in the East parcel, facing northwest.

Photo 10



Location

SERC – Parcel B of the Amendment Area

Description

SERC construction activities at Parcel B included material inventory/movement in warehouse B, facing southeast. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

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

Date		Monitor		Time (Begin-End)
July 2 2020		Cara Snellen		1000-1100
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
68-70	2-3	0.0 in.	Good (10 mi.)	Overcast/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 currently located in the SERC Eastern Parcel and SERC Western Parcel.

- **MODO nest #6 in Eastern Parcel (trash enclosure)** – Active mourning dove (*Zenaida macroura*; MODO) nest located on the upper beam ledge in the southeast corner of the trash enclosure near the Dale Avenue entrance in the Eastern parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest with flagging and signage.
- **MODO nest #7 in Western Parcel (RO system awning)** –Active mourning dove nest located on a beam ledge under the southwest corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and adjacent pipes/posts with flagging, cones, and signage.

SERC Site:

Eastern Parcel – Ongoing activities included foot traffic; control room operations.

Western Parcel – Ongoing activities included above-ground BESS infrastructure construction and cable rack connection; conduit installation in trench; material fabrication/inventory; movement of materials and equipment; foot/vehicle traffic.

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard – No construction activities. Gate is locked and parcel is currently inaccessible.

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

Parcel B –SERC construction activities during material inventory/movement in warehouses B and C. 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 #6 in Eastern Parcel (trash enclosure)** – An adult mourning dove was observed sitting low on the nest in incubation/brooding position. A second adult was perched nearby. The adults were not disturbed by the presence of the biologist. Construction activities near the nest included minimal foot traffic.
- **MODO nest #7 in Western Parcel (RO system awning)** – An adult mourning dove was observed sitting low on the nest in incubation/brooding position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and material inventory/movement.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up
<ul style="list-style-type: none">No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
Birds: mourning dove, Eurasian collared dove, house finch (<i>Haemorrhous mexicanus</i>), rock pigeon (<i>Columba livia</i>), Northern mockingbird (<i>Mimus polyglottos</i>), house sparrow (<i>Passer domesticus</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), black phoebe (<i>Sayornis nigricans</i>), European starling (<i>Sturnus vulgaris</i>)

Photo 1



Location	SERC – Eastern Parcel	Description	Closeup of active mourning dove nest (MOD0 East #6) located in the trash enclosure near the Dale Avenue entrance in the East parcel, facing south. An adult was observed sitting low on the nest in incubation/brooding position and showed no signs of disturbance.
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Photo 2



Location	SERC – Eastern Parcel	Description	Overview of the nest located in the trash enclosure near the Dale Avenue entrance in the East parcel (MOD0 East #6), facing southeast. A second adult was perched on the roof of the enclosure. Construction activities near the nest included minimal foot traffic.
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Photo 3



Location	SERC – Western Parcel	Description	Closeup of active mourning dove nest (MOD0 East #7) located in the RO system awning in the West parcel, facing southwest. An adult was observed sitting low on the nest in incubation/brooding position and showed no signs of disturbance.
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Photo 4



Location	SERC – Western Parcel	Description	Overview of the nest located in the RO system awning in the West parcel (MOD0 West #7), facing southeast. Construction activities near the nest included foot traffic and material inventory/movement.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 3, 2020		Cara Snellen		0930-1130
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
74-77	2-7	0.0 in.	Good (10 mi.)	Sunny/clear
Location(s) of Work Site Activities Monitored				
<p>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.</p> <p>SERC Site:</p> <p>Western Parcel – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; trench conduit installation; trench fill/earth contouring; material fabrication; movement of materials/equipment; foot/vehicle traffic.</p> <p>Eastern Parcel – Ongoing activities included control room operations; foot/vehicle traffic.</p> <p>Western Laydown (SCE West parcel) – Activities included foot traffic.</p> <p>Eastern Laydown (SCE East parcel) – No SERC-related activities. Yard gate is locked and parcel is currently inaccessible.</p> <p>Gas Pipeline – No SERC-related activities.</p> <p>Church Parking Lot – No SERC-related activities.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Activities included parking; foot traffic.</p> <p>Parcel B – Activities included material inventory/movement at warehouse B; foot traffic.</p> <p>Parcel C – Activities included parking; foot traffic.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> MODO nest #6 in Eastern Parcel (trash enclosure) – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation/brooding position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist. Construction activities in the vicinity of the nest included minimal foot/vehicle traffic. MODO nest #7 in Western Parcel (RO system awning) – An adult mourning dove was observed sitting low on the nest in incubation/brooding position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or nearby construction activities. Construction activities in the vicinity of the nest included material fabrication and foot traffic. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No Items requiring follow-up. Monitoring of work will continue during Project construction activities. 				

Wildlife Species Observed:

Birds: mourning dove, house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), house finch (*Haemorhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferus*), European starling (*Sturnus vulgaris*), lesser goldfinch (*Spinus psaltria*)

Photo 1



Location	SERC – Western Parcel	Description	Overview of construction activities associated with the above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing southwest.
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Photo 2



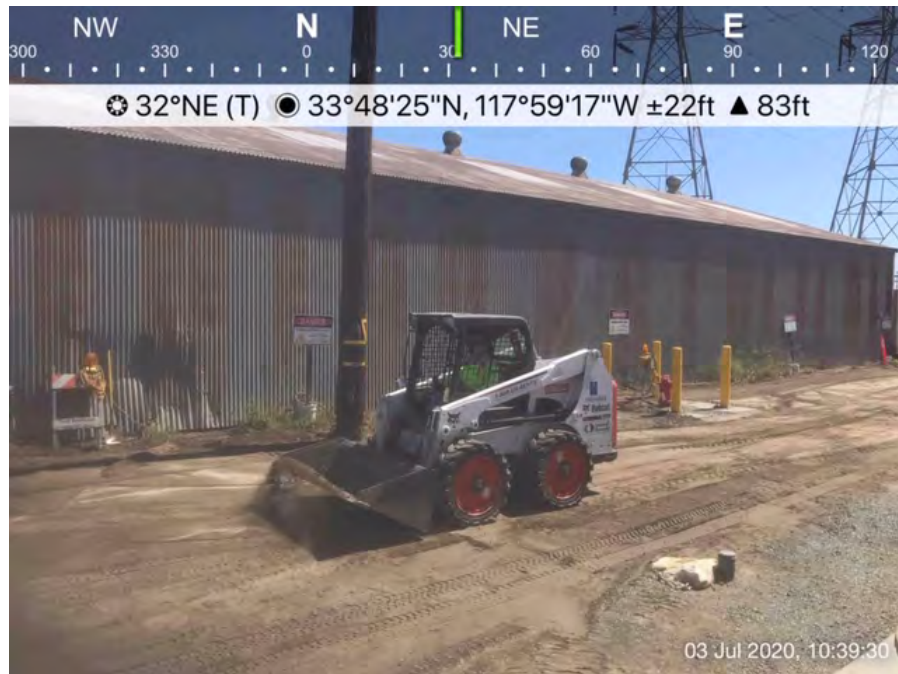
Location	SERC – Western Parcel	Description	Electrical work as part of BESS construction in the West parcel, facing south.
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Photo 3



Location	SERC – Western Parcel	Description	Materials fabrication in support of BESS construction in the West parcel, facing east.
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Photo 4



Location	SERC – Western Parcel	Description	Earth contouring following trench fill along access road in the West parcel, facing northeast.
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Photo 5



Location	SERC – Western Parcel	Description	Overview of the mourning dove nest buffer at the RO awning in the West parcel (MOD0 West #7), facing southeast. Construction activities near the nest buffer included material fabrication and foot traffic.
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Photo 6



Location	SERC – Western Parcel	Description	An adult mourning dove was observed sitting low on the nest (MOD0 West #7) located in the RO awning in the West parcel, facing south. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or nearby construction activities.
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Photo 7



Location	SERC – Western Parcel	Description	Overview of the mourning dove nest buffer in the trash enclosure near the Dale Avenue entrance of the East parcel (MOD0 East #6), facing southwest. Construction activities in the vicinity of the nest included minimal foot/vehicle traffic.
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Photo 8



Location	SERC – Eastern Parcel	Description	An adult mourning dove was observed sitting low in the nest (MOD0 East #6) located in the trash enclosure near the Dale Avenue entrance of the East parcel, facing south. The bird was not disturbed by the presence of the biologist.
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Photo 9



Location	SERC – Parcel B of the Amendment Area	Description	SERC construction activities at Parcel B included material inventory/movement in warehouse B, facing southeast. No non-SERC activities were occurring.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
July 6, 2020					Cara Snellen		0945-1045	
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment				
76-78	3-5	0.0 in.	Good (10 mi.)	Clear/sunny				
Location(s) of Work Site Activities Monitored								
<p>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 currently located in the SERC Eastern Parcel and SERC Western Parcel.</p> <ul style="list-style-type: none"> MODO nest #6 in Eastern Parcel (trash enclosure) – Active mourning dove (<i>Zenaida macroura</i>; MODO) nest located on the upper beam ledge in the southeast corner of the trash enclosure near the Dale Avenue entrance in the Eastern parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest with flagging and signage. MODO nest #7 in Western Parcel (RO system awning) – Active mourning dove nest located on a beam ledge under the southwest corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and adjacent pipes/posts with flagging, cones, and signage. <p>SERC Site:</p> <p>Eastern Parcel – Ongoing activities included foot traffic; control room operations, parking.</p> <p>Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; trenching; material fabrication/inventory; movement of materials and equipment; foot/vehicle traffic.</p> <p>West Laydown Yard – Ongoing activities included foot traffic.</p> <p>East Laydown Yard – No construction activities. Gate is locked and parcel is currently inaccessible.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Ongoing activities included parking; foot traffic.</p> <p>Parcel B – SERC construction activities during material inventory/movement in warehouses B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials.</p> <p>Parcel C – Ongoing activities included parking; foot traffic.</p>								
Summary of Biological Resources Monitoring Observations								
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> MODO nest #6 in Eastern Parcel (trash enclosure) – An adult mourning dove was observed sitting low on the nest in incubation/brooding position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist. Construction activities near the nest included minimal foot traffic. MODO nest #7 in Western Parcel (RO system awning) – An adult mourning dove was observed sitting low on the nest in incubation/brooding position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and material fabrication/movement. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 								

Items Requiring Action/Follow-up
<ul style="list-style-type: none">No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
<p>Birds: mourning dove, Eurasian collared dove, house finch (<i>Haemorrhous mexicanus</i>), rock pigeon (<i>Columba livia</i>), Northern mockingbird (<i>Mimus polyglottos</i>), house sparrow (<i>Passer domesticus</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), European starling (<i>Sturnus vulgaris</i>), American kestrel (<i>Falco sparverius</i>), killdeer (<i>Charadrius vociferus</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>), lesser goldfinch (<i>Spinus psaltria</i>)</p>

Photo 1



Location	SERC – Eastern Parcel	Description	Closeup of active mourning dove nest (MOD0 East #6) located in the trash enclosure near the Dale Avenue entrance in the East parcel, facing southwest. An adult was observed sitting low on the nest in incubation/brooding position and showed no signs of disturbance.
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Photo 2



Location	SERC – Eastern Parcel	Description	Overview of the nest located in the trash enclosure near the Dale Avenue entrance in the East parcel (MOD0 East #6), facing southwest. Construction activities near the nest included minimal foot traffic.
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Photo 3



Location

SERC – Western Parcel

Description

Closeup of active mourning dove nest (MOD0 East #7) located in the RO system awning in the West parcel, facing south. An adult was observed sitting low on the nest in incubation/brooding position and showed no signs of disturbance.

Photo 4



Location

SERC – Western Parcel

Description

Overview of the nest located in the RO system awning in the West parcel (MOD0 West #7), facing southeast. Construction activities near the nest included foot traffic and material fabrication/movement.

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

Date		Monitor		Time (Begin-End)
July 7, 2020		Cara Snellen		0930-1030
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
73-76	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 buffers in/near the SERC site and the SERC amendment area. Nests are currently located in the SERC Eastern Parcel and SERC Western Parcel.

- **MODO nest #6 in Eastern Parcel (trash enclosure)** – Active mourning dove (*Zenaida macroura*; MODO) nest located on the upper beam ledge in the southeast corner of the trash enclosure near the Dale Avenue entrance in the Eastern parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest with flagging and signage.
- **MODO nest #7 in Western Parcel (RO system awning)** – Active mourning dove nest located on a beam ledge under the southwest corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and adjacent pipes/posts with flagging, cones, and signage.

SERC Site:

Eastern Parcel – Ongoing activities included foot traffic; control room operations, parking.

Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; trenching; material fabrication/inventory; movement of materials and equipment; foot/vehicle traffic.

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard – No construction activities. Gate is locked and parcel is currently inaccessible.

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

Parcel B – SERC construction activities during material inventory/movement in warehouses B and C. 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 #6 in Eastern Parcel (trash enclosure)** – An adult mourning dove and one chick were observed sitting in the nest. No other mourning doves were present in the area. The birds were not disturbed by the presence of the biologist. Construction activities near the nest included minimal foot traffic.
- **MODO nest #7 in Western Parcel (RO system awning)** – An adult mourning dove was observed sitting low on the nest in brooding position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and material fabrication/movement.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up
<ul style="list-style-type: none">No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
Birds: mourning dove, Eurasian collared dove, house finch (<i>Haemorrhous mexicanus</i>), rock pigeon (<i>Columba livia</i>), Northern mockingbird (<i>Mimus polyglottos</i>), house sparrow (<i>Passer domesticus</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), European starling (<i>Sturnus vulgaris</i>), killdeer (<i>Charadrius vociferus</i>)

Photo 1



Location

SERC – Eastern Parcel

Description

Closeup of active mourning dove nest (MOD0 East #6) located in the trash enclosure near the Dale Avenue entrance in the East parcel, facing south. An adult and one chick were observed sitting in the nest and showed no signs of disturbance.

Photo 2



Location

SERC – Eastern Parcel

Description

Overview of the nest located in the trash enclosure near the Dale Avenue entrance in the East parcel (MOD0 East #6), facing south. Construction activities near the nest included minimal foot traffic.

Photo 3



Location	SERC – Western Parcel	Description	Closeup of active mourning dove nest (MOD0 East #7) located in the RO system awning in the West parcel, facing southwest. An adult was observed sitting low on the nest in brooding position and showed no signs of disturbance.
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Photo 4



Location	SERC – Western Parcel	Description	Overview of the nest located in the RO system awning in the West parcel (MOD0 West #7), facing west. Construction activities near the nest included foot traffic and material fabrication/movement.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
July 8, 2020					Cara Snellen		0745-0945	
Temperature (°F)		Wind (mph)	Precipitation amount	Visibility	Weather Comment			
68-71		2-3	0.0 in.	Good (10 mi.)	Partly cloudy/overcast to mostly clear			
Location(s) of Work Site Activities Monitored								
<p>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.</p> <p>SERC Site:</p> <p>Western Parcel – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; trenching and conduit installation; material fabrication; movement of materials/equipment; dust control; foot/vehicle traffic.</p> <p>Eastern Parcel – Ongoing activities included cable pull at GSU; control room operations; equipment pick-up; foot/vehicle traffic; parking.</p> <p>Western Laydown (SCE West parcel) – Activities included foot traffic.</p> <p>Eastern Laydown (SCE East parcel) – No SERC-related activities. Yard gate is locked and parcel is currently inaccessible.</p> <p>Gas Pipeline – No SERC-related activities.</p> <p>Church Parking Lot – No SERC-related activities.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Activities included parking; foot traffic.</p> <p>Parcel B – Activities included material inventory/movement at warehouse B; foot traffic.</p> <p>Parcel C – Activities included parking; foot traffic.</p>								
Summary of Biological Resources Monitoring Observations								
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • MODO nest #6 in Eastern Parcel (trash enclosure) – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in brooding position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist. Construction activities in the vicinity of the nest included equipment pick-up and foot/vehicle traffic. • MODO nest #7 in Western Parcel (RO system awning) – An adult mourning dove was observed sitting low on the nest in brooding position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or nearby construction activities. Construction activities in the vicinity of the nest included material fabrication and foot traffic. • Construction personnel reported a nest on the lower overhead cable tray at the GSU near the storm channel in the East parcel (see photos 11-13). The biologist observed an adult Eurasian collared dove (<i>Streptopelia decaocto</i>; ECDO) briefly sitting on nesting material atop cables/support beams in the tray. A second adult was perched nearby. When the adult left the nest, construction personnel accessed and photographed the nest contents. The biologist confirmed no egg was present in the photograph and the nesting material was removed. Eurasian collared dove is a non-native bird species and not protected under the Migratory Bird Treaty Act. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • 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 (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), house finch (*Haemorhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), killdeer (*Charadrius vociferus*), European starling (*Sturnus vulgaris*)

Photo 1



Location	SERC – Western Parcel	Description	Overview of construction activities associated with the above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing west.
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Photo 2



Location	SERC – Western Parcel	Description	Trenching for conduit installation in the West parcel, facing west.
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Photo 3



Location

SERC – Western Parcel

Description

Dust suppression in support of BESS construction in the West parcel, facing west.

Photo 4



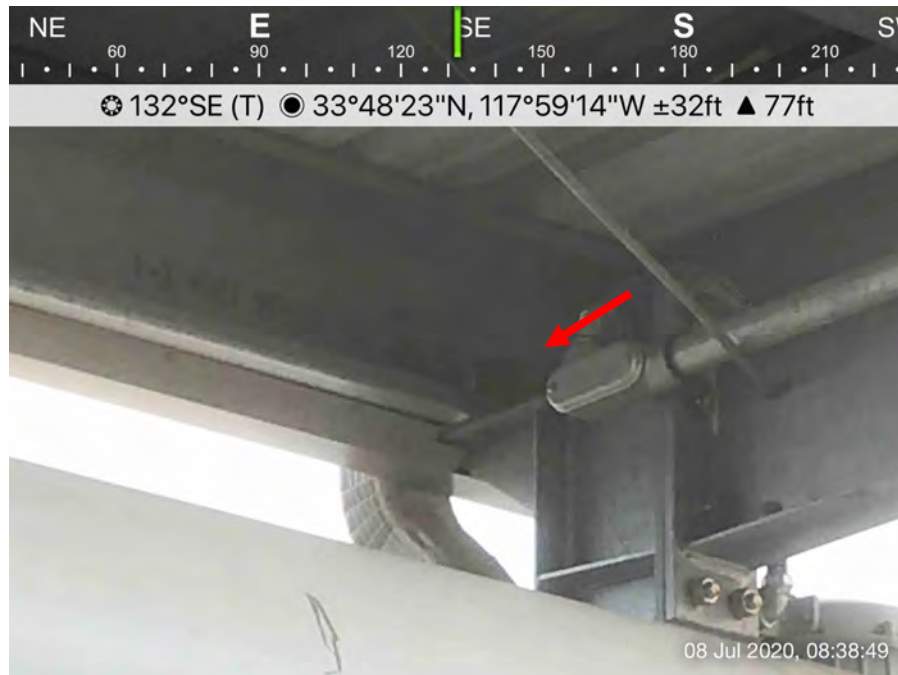
Location

SERC – Western Parcel

Description

Overview of the mourning dove nest buffer at the RO awning in the West parcel (MOD0 West #7), facing southeast. Construction activities near the nest buffer included material fabrication and foot traffic.

Photo 5



Location	SERC – Western Parcel	Description	An adult mourning dove was observed sitting low on the nest (MODO West #7) located in the RO awning in the West parcel, facing southwest. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or nearby construction activities.
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Photo 6



Location	SERC – Eastern Parcel	Description	Cable pull installation activities along the GSU cable tray near the storm channel in the East parcel, facing south.
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Photo 7



Location	SERC – Eastern Parcel	Description	Vehicle parking for control room operations in the East parcel, facing west.
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Photo 8



Location	SERC – Eastern Parcel	Description	Equipment pick-up on the north access road of the East parcel, facing west.
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Photo 9



Location	SERC – Eastern Parcel	Description	Overview of the mourning dove nest buffer in the trash enclosure near the Dale Avenue entrance of the East parcel (MODO East #6), facing southwest. Construction activities in the vicinity of the nest included equipment pick-up and foot/vehicle traffic.
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Photo 10



Location	SERC – Eastern Parcel	Description	An adult mourning dove was observed sitting low in the nest (MODO East #6) located in the trash enclosure near the Dale Avenue entrance of the East parcel, facing south. The bird was not disturbed by the presence of the biologist or nearby construction activities.
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Photo 11

**Location** SERC – Eastern Parcel**Description**

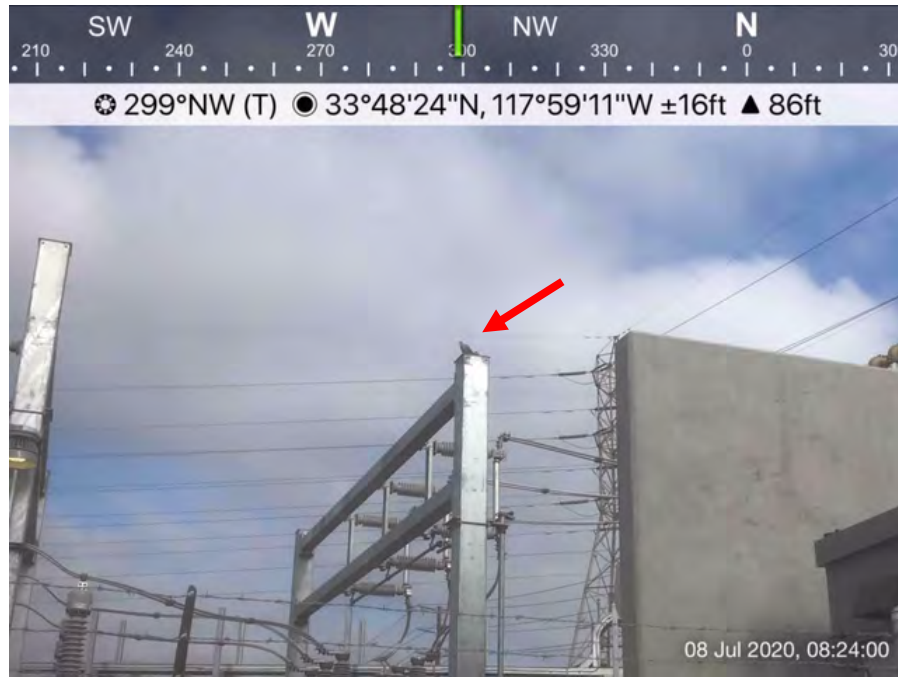
Nesting material found in the lower overhead cable tray at the GSU near the storm channel in the East parcel, facing northeast.

Photo 12

**Location** SERC – Eastern Parcel**Description**

Location of nesting material found by construction personnel in the East parcel, facing southeast.

Photo 13



Location	SERC – Eastern Parcel	Description	Adult Eurasian collared dove perched near the nesting material in the East parcel, facing northwest.
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Photo 14



Location	SERC – Parcel B of the Amendment Area	Description	SERC construction activities at Parcel B included material inventory/movement in warehouse B, facing southeast. Non-SERC activities included movement of materials/equipment and foot/vehicle traffic.
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Stanton Energy Reliability Center (SERC)
BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
July 9, 2020		Cara Snellen		0915-1015
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
70-72	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 buffers in/near the SERC site and the SERC amendment area. Nests are currently located in the SERC Eastern Parcel and SERC Western Parcel.

- **MODO nest #6 in Eastern Parcel (trash enclosure)** – Active mourning dove (*Zenaida macroura*; MODO) nest located on the upper beam ledge in the southeast corner of the trash enclosure near the Dale Avenue entrance in the Eastern parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest with flagging and signage.
- **MODO nest #7 in Western Parcel (RO system awning)** –Active mourning dove nest located on a beam ledge under the southwest corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and adjacent pipes/posts with flagging, cones, and signage.

SERC Site:

Eastern Parcel – Ongoing activities included foot traffic; control room operations, parking.

Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; trenching; material fabrication/inventory; movement of materials and equipment; foot/vehicle traffic.

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard – No construction activities. Gate is locked and parcel is currently inaccessible.

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

Parcel B –SERC construction activities during material inventory/movement in warehouses B and C. 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 #6 in Eastern Parcel (trash enclosure)** – An adult mourning dove and one chick were observed sitting in the nest. No other mourning doves were present in the area. The birds were not disturbed by the presence of the biologist. Construction activities near the nest included minimal foot traffic.
- **MODO nest #7 in Western Parcel (RO system awning)** – An adult mourning dove and two chicks were observed sitting in the nest. No other mourning doves were present in the area. The birds were not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and material fabrication/movement.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up
<ul style="list-style-type: none">No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
<p>Birds: mourning dove, Eurasian collared dove (<i>Streptopelia decaocto</i>), house finch (<i>Haemorhous mexicanus</i>), rock pigeon (<i>Columba livia</i>), Northern mockingbird (<i>Mimus polyglottos</i>), house sparrow (<i>Passer domesticus</i>), European starling (<i>Sturnus vulgaris</i>), killdeer (<i>Charadrius vociferus</i>), lesser goldfinch (<i>Spinus psaltria</i>), American kestrel (<i>Falco sparverius</i>)</p>

Photo 1



Location

SERC – Eastern Parcel

Description

Closeup of active mourning dove nest (MOD0 East #6) located in the trash enclosure near the Dale Avenue entrance in the East parcel, facing south. An adult and one chick were observed sitting in the nest and showed no signs of disturbance.

Photo 2



Location

SERC – Eastern Parcel

Description

Overview of the nest located in the trash enclosure near the Dale Avenue entrance in the East parcel (MOD0 East #6), facing southwest. Construction activities near the nest included minimal foot traffic.

Photo 3



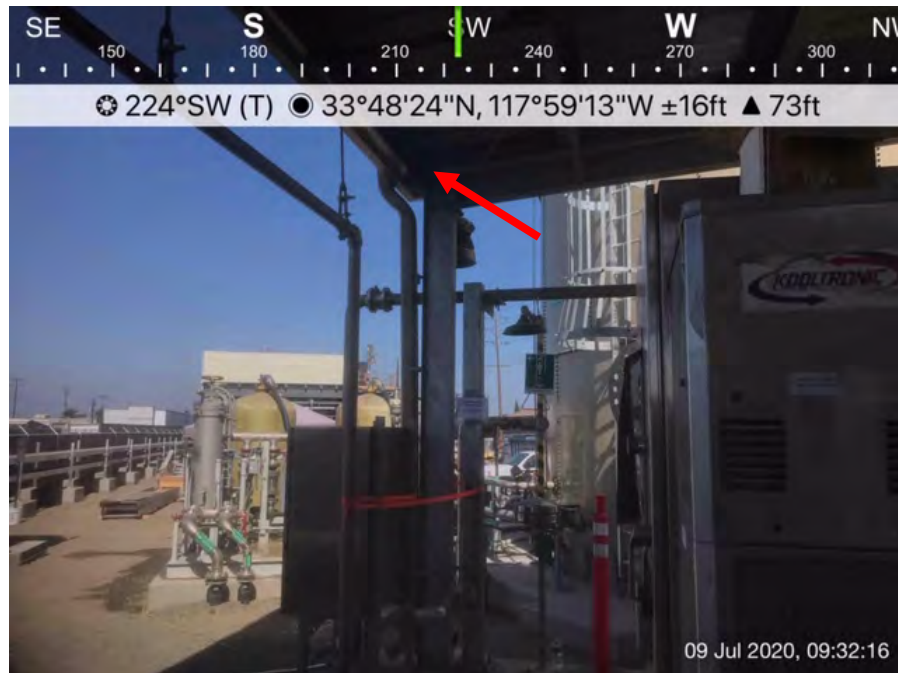
Location

SERC – Western Parcel

Description

Closeup of active mourning dove nest (MOD0 East #7) located in the RO system awning in the West parcel, facing southeast. An adult and two chicks were observed sitting in the nest and showed no signs of disturbance.

Photo 4



Location

SERC – Western Parcel

Description

Overview of the nest located in the RO system awning in the West parcel (MOD0 West #7), facing southwest. Construction activities near the nest included foot traffic and material fabrication/movement.

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

Date		Monitor		Time (Begin-End)
July 10, 2020		Cara Snellen		0900-1000
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
72-76	2-5	0.0 in.	Good (10 mi.)	Clear/sunny

Location(s) of Work Site Activities Monitored

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

SERC Site:

Western Parcel – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; trenching/shoring and conduit installation; material fabrication; movement of materials/equipment; parking; foot/vehicle traffic.

Eastern Parcel – Ongoing activities included scaffolding and electrical work at GSU overhead cable tray; control room operations; foot/vehicle traffic; parking.

Western Laydown (SCE West parcel) – Activities included foot traffic.

Eastern Laydown (SCE East parcel) – No SERC-related activities. Yard gate is locked and parcel is currently inaccessible.

Gas Pipeline – No SERC-related activities.

Church Parking Lot – No SERC-related activities.

SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

Parcel B – Activities included material inventory/movement at warehouse B and C; foot traffic.

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 #6 in Eastern Parcel (trash enclosure)** – An adult mourning dove (*Zenaida macroura*; MODO) and two chicks were observed sitting low in the nest. No other mourning doves were present in the area. The birds were not disturbed by the presence of the biologist. Construction activities in the vicinity of the nest included minimal foot/vehicle traffic.
- **MODO nest #7 in Western Parcel (RO system awning)** – An adult mourning dove and two chicks were observed sitting in the nest. No other mourning doves were present in the area. The birds were not disturbed by the presence of the biologist or nearby construction activities. Construction activities in the vicinity of the nest included material fabrication and foot traffic.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up
<ul style="list-style-type: none">No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
<p>Birds: mourning dove, house sparrow (<i>Passer domesticus</i>), Northern mockingbird (<i>Mimus polyglottos</i>), house finch (<i>Haemorhous mexicanus</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), rock pigeon (<i>Columba livia</i>), killdeer (<i>Charadrius vociferus</i>), European starling (<i>Sturnus vulgaris</i>), black phoebe (<i>Sayornis nigricans</i>), lesser goldfinch (<i>Spinus psaltria</i>), American kestrel (<i>Falco sparverius</i>)</p>

Photo 1



Location	SERC – Western Parcel	Description	Overview of construction activities associated with the above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing southwest.
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Photo 2



Location	SERC – Western Parcel	Description	Miscellaneous construction and electrical work within the BESS in the West parcel, facing southwest.
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Photo 3



Location	SERC – Western Parcel	Description	Cable installation at north end of BESS in the West parcel, facing west.
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Photo 4



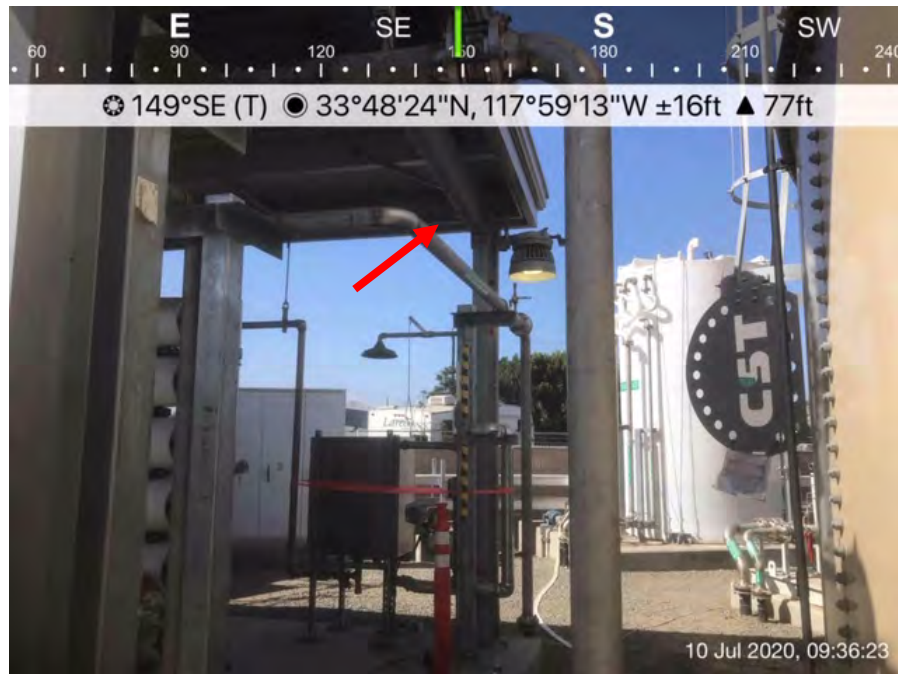
Location	SERC – Western Parcel	Description	Conduit installation in trench west of the BESS in the West parcel, facing west.
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Photo 5



Location	SERC – Western Parcel	Description	Movement of scaffolding materials in the West parcel, facing southwest.
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Photo 6



Location	SERC – Western Parcel	Description	Overview of the mourning dove nest buffer at the RO awning in the West parcel (MOD0 West #7), facing southeast. Construction activities near the nest buffer included material fabrication and foot traffic.
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Photo 7



Location

SERC – Western Parcel

Description

An adult mourning dove and two chicks were observed sitting in the nest (MODO West #7) located in the RO awning in the West parcel, facing south. The birds were not disturbed by the presence of the biologist or nearby construction activities.

Photo 8



Location

SERC – Eastern Parcel

Description

Scaffolding and electrical work at the overhead cable tray near the GSU in the East parcel, facing south.

Photo 9



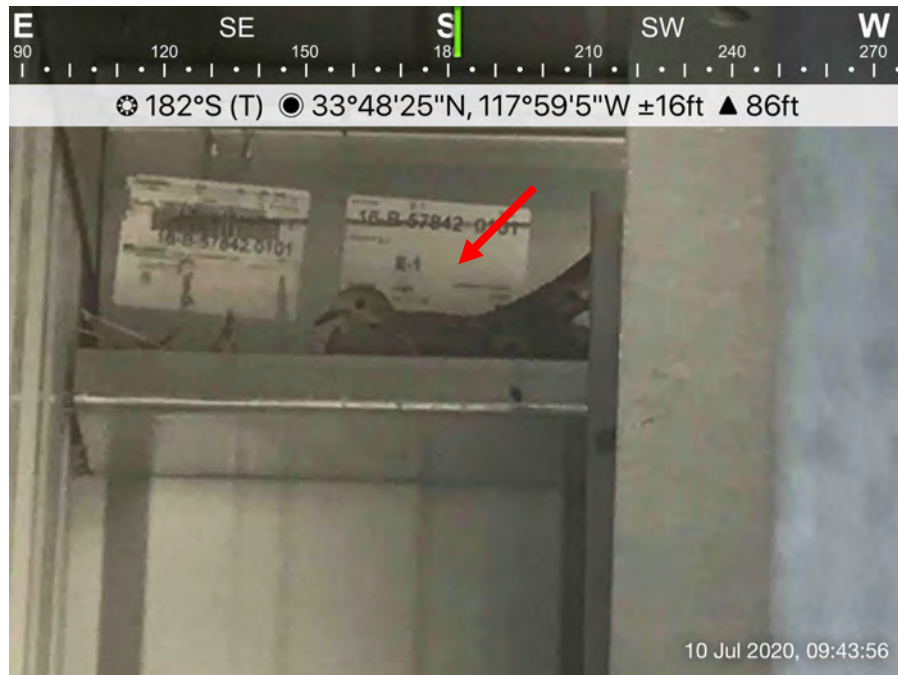
Location	SERC – Eastern Parcel	Description	Vehicle parking for control room operations in the East parcel, facing northwest.
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Photo 10



Location	SERC – Eastern Parcel	Description	Overview of the mourning dove nest buffer in the trash enclosure near the Dale Avenue entrance of the East parcel (MOD0 East #6), facing southwest. Construction activities in the vicinity of the nest included minimal foot/vehicle traffic.
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Photo 11



Location	SERC – Eastern Parcel	Description	An adult mourning dove and two chicks were observed sitting in the nest (MODO East #6) located in the trash enclosure near the Dale Avenue entrance of the East parcel, facing south. The birds were not disturbed by the presence of the biologist.
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Photo 12



Location	SERC – Parcel B of the Amendment Area	Description	SERC construction activities at Parcel B included material inventory/movement in warehouse B and C, facing southeast. Non-SERC activities included movement of materials/equipment and foot/vehicle traffic.
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Stanton Energy Reliability Center (SERC)**BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG**

Date		Monitor		Time (Begin-End)
July 13, 2020		Cara Snellen		0915-1015
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
75-77	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 buffers in/near the SERC site and the SERC amendment area. Nests are currently located in the SERC Eastern Parcel and SERC Western Parcel.

- **MODO nest #6 in Eastern Parcel (trash enclosure)** – Active mourning dove (*Zenaida macroura*; MODO) nest located on the upper beam ledge in the southeast corner of the trash enclosure near the Dale Avenue entrance in the Eastern parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest with flagging and signage.
- **MODO nest #7 in Western Parcel (RO system awning)** – Active mourning dove nest located on a beam ledge under the southwest corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and adjacent pipes/posts with flagging, cones, and signage.

SERC Site:

Eastern Parcel – Ongoing activities included foot/vehicle traffic; control room operations, parking.

Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; trenching/shoring; conduit installation; material fabrication/inventory; movement of materials and equipment; equipment delivery; foot/vehicle traffic.

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard – No construction activities. Gate is locked and parcel is currently inaccessible.

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

Parcel B – SERC construction activities during material inventory/movement in warehouses B. 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 #6 in Eastern Parcel (trash enclosure)** – Two chicks were observed sitting in the nest. The adult mourning dove was resting on the ground inside the trash enclosure. The birds were not disturbed by the presence of the biologist. Construction activities near the nest included foot/vehicle traffic.
- **MODO nest #7 in Western Parcel (RO system awning)** – An adult mourning dove and two chicks were observed sitting in the nest. No other mourning doves were present in the area. The birds were not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic, equipment delivery, and material fabrication/movement.
- An adult mourning dove was observed sitting on a beam ledge in the southeast corner of the air compressor awning in the East parcel, at the inactive MODO East #1 nest location. A second adult was perched on a nearby beam ledge. Both birds flushed upon the biologist's approach. The biologist confirmed no egg was present and the old inactive nest was removed (see photos 6-7).

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

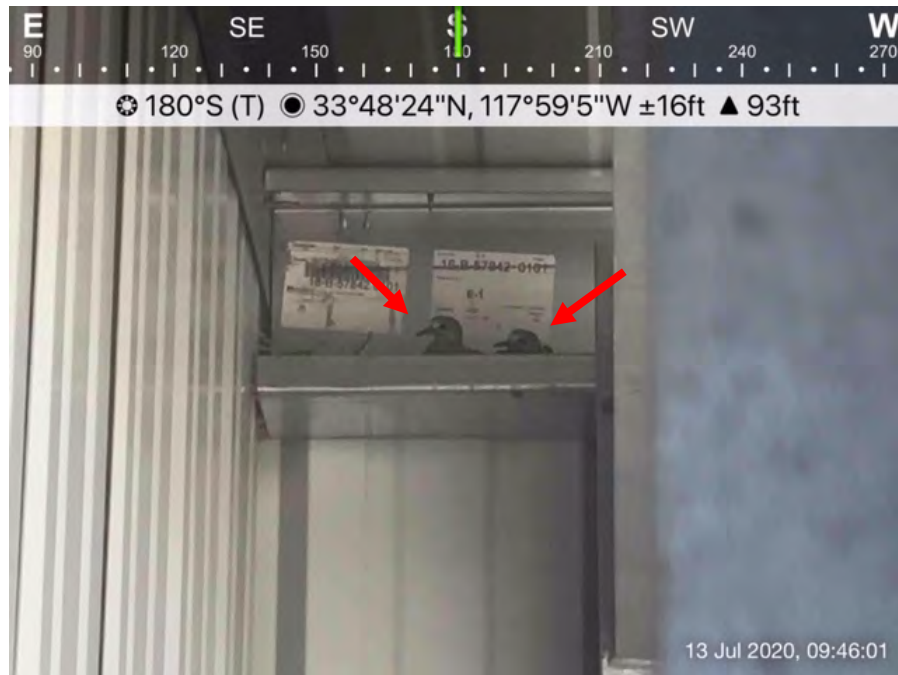
Items Requiring Action/Follow-up

- 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 finch (*Haemorrhous mexicanus*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), house sparrow (*Passer domesticus*), European starling (*Sturnus vulgaris*), killdeer (*Charadrius vociferus*), lesser goldfinch (*Spinus psaltria*), red-tailed hawk (*Buteo jamaicensis*)

Photo 1



Location	SERC – Eastern Parcel	Description	Closeup of active mourning dove nest (MODO East #6) located in the trash enclosure near the Dale Avenue entrance in the East parcel, facing south. Two chicks were observed sitting in the nest and showed no signs of disturbance.
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Photo 2



Location	SERC – Eastern Parcel	Description	Adult mourning dove observed resting on the ground of the trash enclosure near MODO East #6, facing southeast.
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Photo 3



Location	SERC – Eastern Parcel	Description	Overview of the nest located in the trash enclosure near the Dale Avenue entrance in the East parcel (MOD0 East #6), facing southwest. Construction activities near the nest included foot and vehicle traffic.
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Photo 4



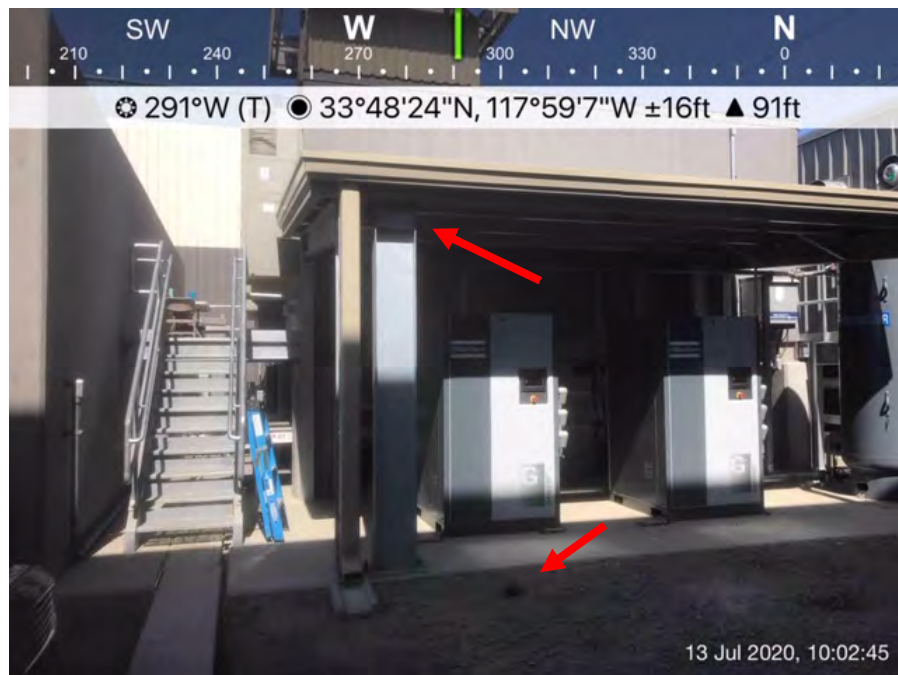
Location	SERC – Western Parcel	Description	Closeup of active mourning dove nest (MOD0 East #7) located in the RO system awning in the West parcel, facing southeast. An adult and two chicks were observed sitting in the nest and showed no signs of disturbance.
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Photo 5



Location	SERC – Western Parcel	Description	Overview of the nest located in the RO system awning in the West parcel (MODO West #7), facing southeast. Construction activities near the nest included foot traffic, equipment delivery, and material fabrication/movement.
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Photo 6



Location	SERC – Eastern Parcel	Description	Overview of the nest attempt site in the southeast corner of the air compressor awning in the East parcel (inactive MODO East #1), facing west. The removed old nesting material can be seen on the ground. Construction activities near the nest included foot traffic and control room operations.
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Photo 7



Location	SERC – Eastern Parcel	Description	Old, inactive MODO East #1 nest following removal. The nest was first confirmed to be empty after the adult mourning doves left the area.
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Stanton Energy Reliability Center (SERC)
BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
July 14, 2020		Cara Snellen		0945-1045
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
71-73	2-5	0.0 in.	Good (10 mi.)	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 currently located in the SERC Eastern Parcel and SERC Western Parcel.

- **MODO nest #6 in Eastern Parcel (trash enclosure)** – Active mourning dove (*Zenaida macroura*; MODO) nest located on the upper beam ledge in the southeast corner of the trash enclosure near the Dale Avenue entrance in the Eastern parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest with flagging and signage.
- **MODO nest #7 in Western Parcel (RO system awning)** – Active mourning dove nest located on a beam ledge under the southwest corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and adjacent pipes/posts with flagging, cones, and signage.

SERC Site:

Eastern Parcel – Ongoing activities included foot/vehicle traffic; control room operations, parking.

Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; cable tray electrical work; material fabrication/inventory; movement of materials and equipment; equipment delivery; foot/vehicle traffic; parking.

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard – No construction activities. Gate is locked and parcel is currently inaccessible.

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

Parcel B – SERC construction activities during material inventory/movement in warehouses B. 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 #6 in Eastern Parcel (trash enclosure)** – One fledgling/chick was observed sitting in the nest. Two adult mourning doves were observed perched on/adjacent to the trash enclosure. The second fledgling/chick was not observed. The birds were not disturbed by the presence of the biologist. Construction activities near the nest included foot/vehicle traffic.
- **MODO nest #7 in Western Parcel (RO system awning)** – An adult mourning dove and two chicks were observed sitting in the nest. No other mourning doves were present in the area. The birds were not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic, cable tray electrical work, and material fabrication/movement.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

Items Requiring Action/Follow-up
<ul style="list-style-type: none">No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
Birds: mourning dove, Eurasian collared dove (<i>Streptopelia decaocto</i>), rock pigeon (<i>Columba livia</i>), Northern mockingbird (<i>Mimus polyglottos</i>), house sparrow (<i>Passer domesticus</i>), European starling (<i>Sturnus vulgaris</i>), lesser goldfinch (<i>Spinus psaltria</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), common raven (<i>Corvus corax</i>), American kestrel (<i>Falco sparverius</i>)

Photo 1



Location	SERC – Eastern Parcel	Description	Closeup of active mourning dove nest (MODO East #6) located in the trash enclosure near the Dale Avenue entrance in the East parcel, facing south. One fledgling chick was observed sitting in the nest and showed no signs of disturbance. The second chick was not observed in the area.
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Photo 2



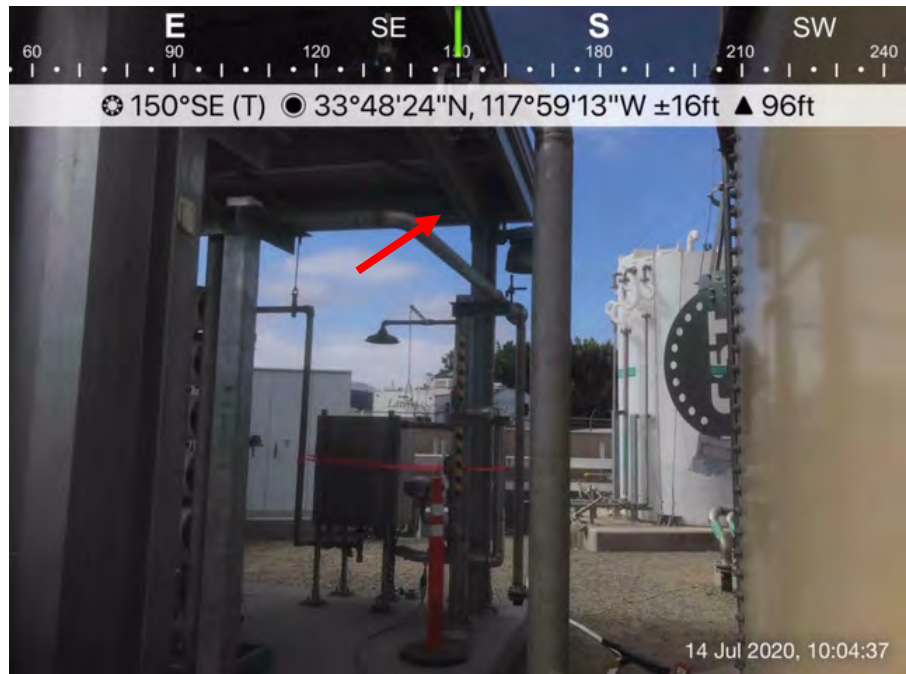
Location	SERC – Eastern Parcel	Description	Adult mourning doves observed perching on and adjacent to the trash enclosure near MODO East #6, facing southeast. Construction activities near the nest included foot traffic.
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Photo 3



Location	SERC – Western Parcel	Description	Closeup of active mourning dove nest (MOD0 East #7) located in the RO system awning in the West parcel, facing southeast. An adult and two chicks were observed sitting in the nest and showed no signs of disturbance.
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Photo 5



Location	SERC – Western Parcel	Description	Overview of the nest located in the RO system awning in the West parcel (MOD0 West #7), facing southeast. Construction activities near the nest included foot traffic, cable tray electrical work, and material fabrication/movement.
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Stanton Energy Reliability Center (SERC)**BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG**

Date		Monitor		Time (Begin-End)
July 15, 2020		Cara Snellen		0900-1100
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
70-74	2-3	0.0 in.	Good (10 mi.)	Clear/sunny

Location(s) of Work Site Activities Monitored

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

SERC Site:

Western Parcel – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure, including electrical work; trench conduit installation; material fabrication; delivery and movement of materials; parking; foot/vehicle traffic.

Eastern Parcel – Ongoing activities included work inside Unit 2; control room operations; systems maintenance; foot/vehicle traffic; parking.

Western Laydown (SCE West parcel) – Activities included foot traffic.

Eastern Laydown (SCE East parcel) – No SERC-related activities. Yard gate is locked and parcel is currently inaccessible.

Gas Pipeline – No SERC-related activities.

Church Parking Lot – No SERC-related activities.

SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

Parcel B – Activities included material inventory/movement at warehouse B; foot traffic.

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 #6 in Eastern Parcel (trash enclosure)** – No nesting activity was observed and no mourning doves (*Zenaida macroura*; MODO) were present in the area. The status of the nest is unknown at this time. Construction activities in the vicinity of the nest included minimal foot/vehicle traffic.
- **MODO nest #7 in Western Parcel (RO system awning)** – Two mourning dove fledgling chicks were observed sitting in the nest. No other mourning doves were present in the area. The birds were not disturbed by the presence of the biologist or nearby construction activities. Construction activities in the vicinity of the nest included material fabrication and foot traffic.
- An adult mourning dove was observed sitting atop nesting material on a beam ledge under the southwest corner of the air compressor awning in the East parcel, near the inactive MODO East #1 nest location. The bird flushed upon the biologist's approach. The biologist confirmed no egg was present and the nesting material was removed (see photos 10-11). A second adult entered the area carrying nesting material and perched on a nearby wall. Both adults left the area shortly after the removal of the nest material.

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 (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), European starling (*Sturnus vulgaris*), lesser goldfinch (*Spinus psaltria*), red-tailed hawk (*Buteo jamaicensis*), Cassin's kingbird (*Tyrannus vociferans*)

Photo 1



Location	SERC – Western Parcel	Description	Overview of construction activities associated with the above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing southwest.
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Photo 2



Location	SERC – Western Parcel	Description	Conduit installation activities in the trench northwest of the BESS in the West parcel, facing west.
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Photo 3



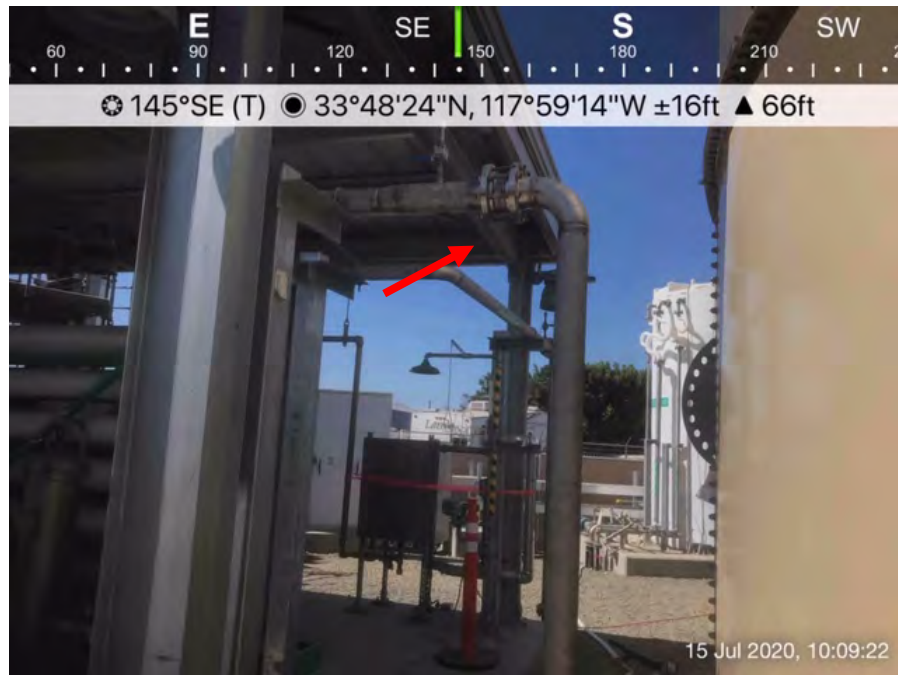
Location	SERC – Western Parcel	Description	Material fabrication in the West parcel, facing north.
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Photo 4



Location	SERC – Western Parcel	Description	Movement of the materials in support of BESS construction in the West parcel, facing west.
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Photo 5



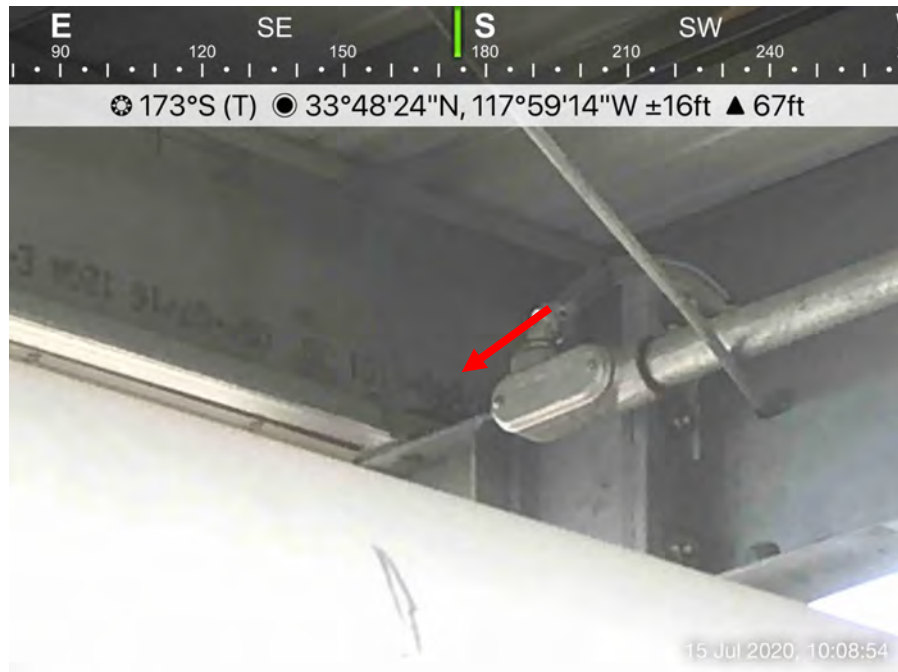
Location

SERC – Western Parcel

Description

Overview of the mourning dove nest buffer at the RO awning in the West parcel (MOD0 West #7), facing southeast. Construction activities near the nest buffer included material fabrication and foot traffic.

Photo 6



Location

SERC – Western Parcel

Description

Two mourning dove fledgling chicks were observed sitting in the nest (MOD0 West #7) located in the RO awning in the West parcel, facing south. The birds were not disturbed by the presence of the biologist or nearby construction activities.

Photo 7



Location	SERC – Eastern Parcel	Description	Vehicle parking for control room operations and Unit 2 work in the East parcel, facing west.
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Photo 8



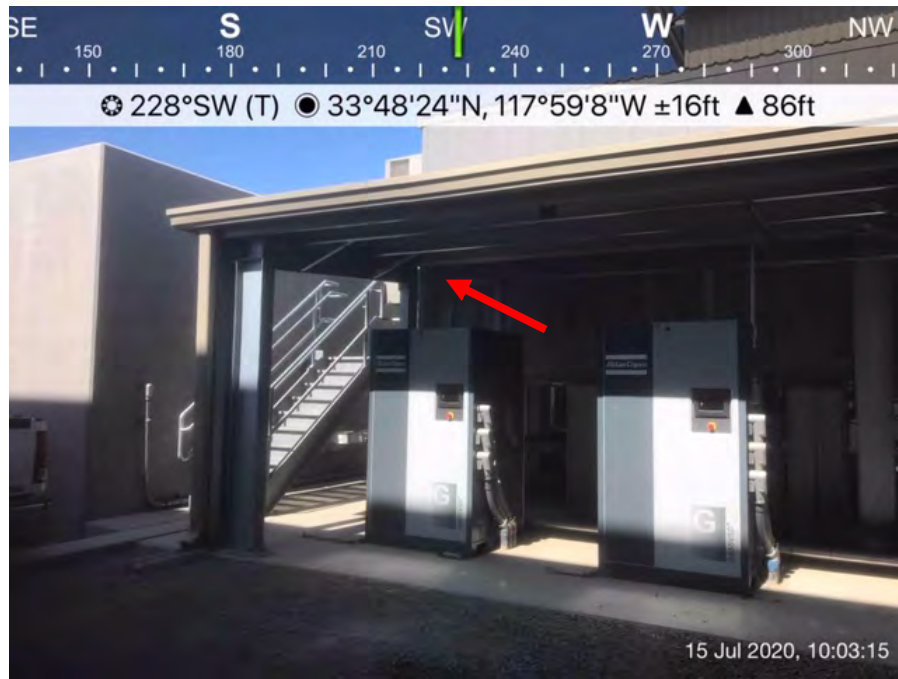
Location	SERC – Eastern Parcel	Description	Systems maintenance near the ammonia tank in the East parcel, facing south.
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Photo 9



Location	SERC – Eastern Parcel	Description	Overview of the mourning dove nest buffer in the trash enclosure near the Dale Avenue entrance of the East parcel (MOD0 East #6), facing southwest. No nesting activity or birds were observed. Construction activities in the vicinity of the nest included minimal foot/vehicle traffic.
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Photo 10



Location	SERC – Eastern Parcel	Description	Overview of nesting attempt location in the southwest corner of the air compressor awning in the East parcel, facing southwest.
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Photo 11



Location	SERC – Eastern Parcel	Description	Nesting material found on a beam ledge under the southwest corner of the air compressor awning in the East parcel. No egg was present and the nesting material was removed.
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Photo 12



Location	SERC – Parcel B of the Amendment Area	Description	SERC construction activities at Parcel B included material inventory/movement in warehouse B, facing southeast. Non-SERC activities included movement of materials/equipment and foot/vehicle traffic.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
July 16, 2020		Cara Snellen		0830-1000
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
68-71	1-5	0.0 in.	Good (10 mi.)	Cloudy/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 currently located in the SERC Eastern Parcel and SERC Western Parcel.

- **MODO nest #6 in Eastern Parcel (trash enclosure)** – Active mourning dove (*Zenaida macroura*; MODO) nest located on the upper beam ledge in the southeast corner of the trash enclosure near the Dale Avenue entrance in the Eastern parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest with flagging and signage.
- **MODO nest #7 in Western Parcel (RO system awning)** – Active mourning dove nest located on a beam ledge under the southwest corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and adjacent pipes/posts with flagging, cones, and signage.

SERC Site:

Eastern Parcel – Ongoing activities included foot/vehicle traffic; work in Unit 1 and 2; control room operations, parking.

Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; trench conduit installation; material fabrication/inventory; RO systems maintenance; movement of materials and equipment; foot/vehicle traffic; parking.

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard – No construction activities. Gate is locked and parcel is currently inaccessible.

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

Parcel B – SERC construction activities during material inventory/movement in warehouses B. 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 #6 in Eastern Parcel (trash enclosure)** – No nesting activity was observed and no mourning doves were present in the vicinity of the nest. Based on recent observations, this nest has successfully fledged and is no longer active. Construction activities near the nest included foot/vehicle traffic and work inside Unit 1, approximately 100 feet away.
- **MODO nest #7 in Western Parcel (RO system awning)** – One fledgling chick was observed sitting in the nest. No other mourning doves were present in the area. The bird was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and material fabrication/movement.
- An adult mourning dove was observed sitting on a beam ledge under the southwest corner of the air compressor awning in the East parcel, near the inactive MODO East #1 nest location. This is the same location where nesting material was removed the previous day. The bird briefly left the area and the biologist was able to confirm that nesting material and one egg was present. The bird returned to the nest shortly after and resumed incubation

position. A no-disturbance buffer was established around the new active nest (MODO East #8) with flagging and signage, incorporating existing infrastructure where appropriate (see photos 3-5).

- A pair of Eurasian collared doves (*Streptopelia decaocto*; ECDO) were observed perched on a cross beam on the underside of the lower overhead cable tray near where the tray turns toward the ground above the east edge of the access road (see photo 6). One of the pair was then observed foraging on the ground in the area and eventually returning to the cross beam with nesting material (metal wire). The pair has attempted to nest on the cable tray before and has been observed in the area nearly every day. The cross beam is approximately 20 feet above the ground and the cables and surrounding infrastructure provides a visual barrier. The presence of a nest is presumed as the location is inaccessible. No construction activities are currently anticipated on the portion of the cable tray where the presumed nest is located. No buffer was established as Eurasian collared dove is a non-native bird species and not protected under the Migratory Bird Treaty Act.

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, rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), house sparrow (*Passer domesticus*), European starling (*Sturnus vulgaris*), lesser goldfinch (*Spinus psaltria*), red-tailed hawk (*Buteo jamaicensis*), American kestrel (*Falco sparverius*), house finch (*Haemorhous mexicanus*), barn swallow (*Hirundo rustica*), Cassin's kingbird (*Tyrannus vociferans*)

Photo 1



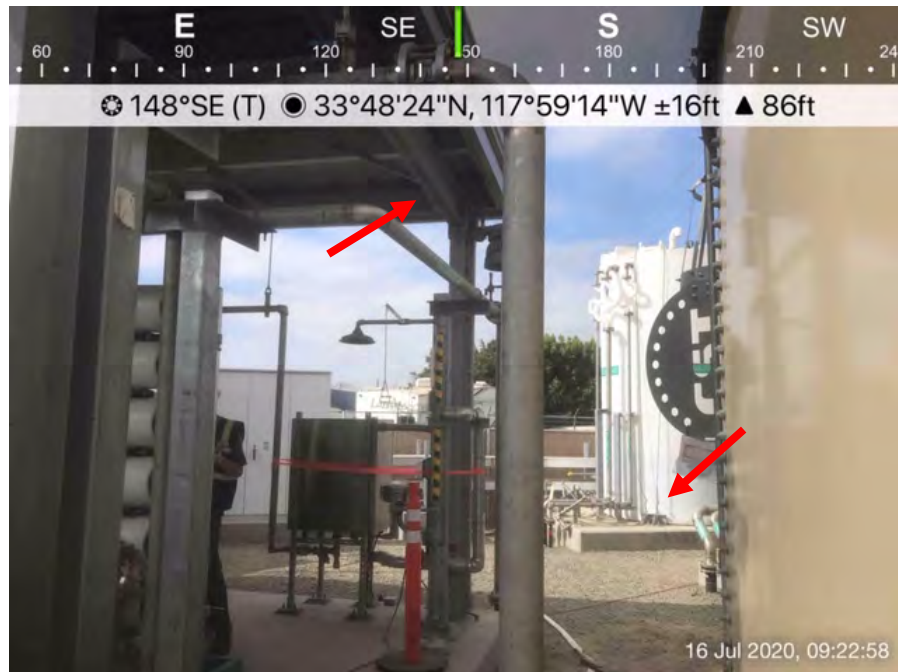
Location

SERC – Western Parcel

Description

Closeup of active mourning dove nest (MOD0 East #7) located in the RO system awning in the West parcel, facing south. One mourning dove fledgling chick was observed sitting in the nest and showed no signs of disturbance.

Photo 2



Location

SERC – Western Parcel

Description

Overview of the nest located in the RO system awning in the West parcel (MOD0 West #7), facing southeast. Construction activities near the nest included foot traffic, RO systems maintenance, and material fabrication/movement.

Photo 3



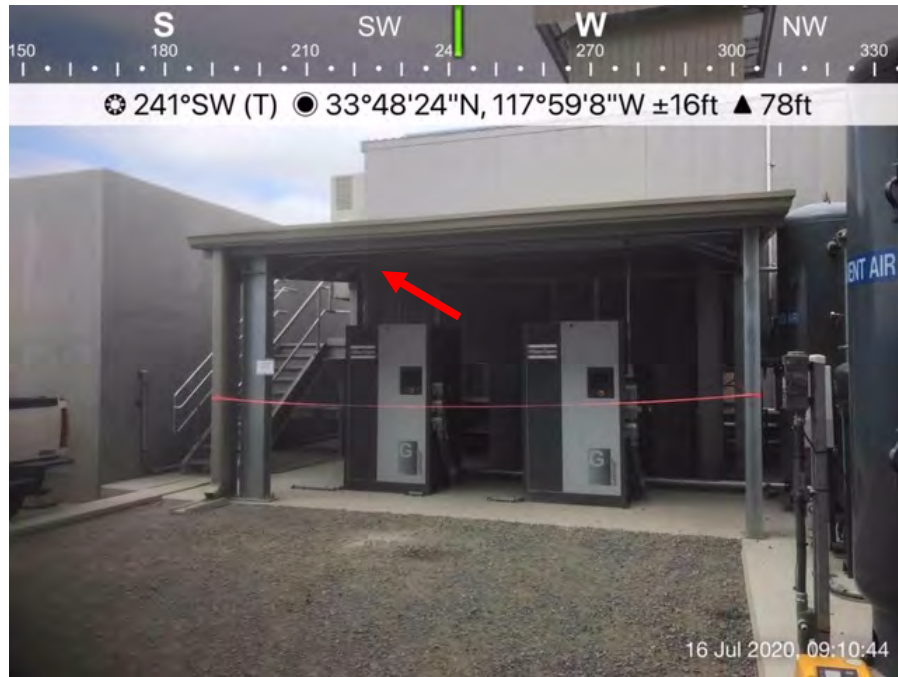
Location	SERC – Eastern Parcel	Description	An adult mourning dove was observed sitting on a beam ledge under the southwest corner of the air compressor awning in the East parcel, facing south. Nearby construction activities included foot traffic and control room operations. The bird showed no signs of disturbance.
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Photo 4



Location	SERC – Eastern Parcel	Description	As the adult briefly left the area, the beam ledge was inspected for evidence of a nest. Nesting material and one egg were present and the nest was declared active (MOD0 East #8).
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Photo 5



Location	SERC – Eastern Parcel	Description	Overview of the new active nest located in the air compressor awning in the East parcel (MODO East #8), facing southwest. A no-disturbance buffer was established around the new active nest (MODO East #8) with flagging and signage, incorporating existing infrastructure where appropriate.
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Photo 6



Location	SERC – Eastern Parcel	Description	Overview of site of Eurasian-collared dove nesting activity on a cross beam on the underside of the lower overhead cable tray in the East parcel, facing southeast. The cross beam is currently inaccessible but a nest is presumed present. No buffer was established as Eurasian collared dove is a non-native bird species and not protected under the Migratory Bird Treaty Act.
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Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)	
July 17, 2020		Cara Snellen		1030-1230	
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment	
73-76	3-5	0.0 in.	Good (10 mi.)	Clear/sunny	
Location(s) of Work Site Activities Monitored					
<p>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.</p> <p>SERC Site:</p> <p>Western Parcel – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure, including electrical work; trench conduit/pipe installation; material fabrication; delivery and movement of materials; parking; foot/vehicle traffic.</p> <p>Eastern Parcel – Ongoing activities included work inside Unit 1 and 2; control room operations; foot/vehicle traffic; parking.</p> <p>Western Laydown (SCE West parcel) – Activities included foot traffic.</p> <p>Eastern Laydown (SCE East parcel) – No SERC-related activities. Yard gate is locked and parcel is currently inaccessible.</p> <p>Gas Pipeline – No SERC-related activities.</p> <p>Church Parking Lot – No SERC-related activities.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Activities included parking; foot traffic.</p> <p>Parcel B – Activities included material inventory/movement at warehouse B; foot traffic.</p> <p>Parcel C – Activities included parking; foot traffic.</p>					
Summary of Biological Resources Monitoring Observations					
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> • None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> • MODO nest #7 in Western Parcel (RO system awning) – No nesting activity was observed and no mourning doves were present in the vicinity of the nest. The status of the nest is unknown at this time. Construction activities in the vicinity of the nest included material fabrication and delivery/movement, and foot traffic. • MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. A second adult was observed entering the area with nesting material but left upon the biologist's approach. The adult on the nest was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> • None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> • None 					

Items Requiring Action/Follow-up
<ul style="list-style-type: none">No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
<p>Birds: mourning dove, house sparrow (<i>Passer domesticus</i>), house finch (<i>Haemorhous mexicanus</i>), American kestrel (<i>Falco sparverius</i>), Northern mockingbird (<i>Mimus polyglottos</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), rock pigeon (<i>Columba livia</i>), European starling (<i>Sturnus vulgaris</i>), lesser goldfinch (<i>Spinus psaltria</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferus</i>)</p>

Photo 1



Location	SERC – Western Parcel	Description	Electrical work as part of construction of above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing south.
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Photo 2



Location	SERC – Western Parcel	Description	Conduit/pipe installation activities in the trench northwest of the BESS in the West parcel, facing west.
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Photo 3



Location	SERC – Western Parcel	Description	Delivery and movement of materials the West parcel, facing west.
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Photo 4



Location	SERC – Western Parcel	Description	Overview of the mourning dove nest buffer at the RO awning in the West parcel (MOD0 West #7), facing west. Construction activities near the nest buffer included material delivery, movement, and fabrication; and foot traffic. No nesting activity was observed and no mourning doves were present in the area.
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Photo 5



Location	SERC – Eastern Parcel	Description	Vehicle parking for control room operations and Unit 1 and 2 work in the East parcel, facing southwest.
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Photo 6



Location	SERC – Eastern Parcel	Description	Overview of the mourning dove nest buffer at the air compressor awning in the East parcel (MOD0 East #8), facing southwest. Construction activities near the nest buffer included control room operations and foot traffic.
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Photo 7



Location	SERC – Eastern Parcel	Description	An adult mourning dove was observed sitting in the nest (MODO West #7) located in the air compressor awning in the East parcel, facing southwest. The bird was not disturbed by the presence of the biologist or nearby construction activities.
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Photo 8



Location	SERC – Parcel B of the Amendment Area	Description	SERC construction activities at Parcel B included material inventory/movement in warehouse B, facing southeast. Non-SERC activities included movement of materials/equipment and foot/vehicle traffic.
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Stanton Energy Reliability Center (SERC)
BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
July 20, 2020		Cara Snellen		0915-1015
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
70-72	2-5	0.0 in.	Good (10 mi.)	Partly cloudy to clear/sunny

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 currently located in the SERC Eastern Parcel and SERC Western Parcel.

- **MODO nest #7 in Western Parcel (RO system awning)** –Active mourning dove nest located on a beam ledge under the southwest corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and adjacent pipes/posts with flagging, cones, and signage.
- **MODO nest #8 in Eastern Parcel (air compressor awning)** – Active mourning dove nest located on a beam ledge under the southwest corner of the air compressor awning in the East parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest with flagging and signage, incorporating existing infrastructure where appropriate.

SERC Site:

Eastern Parcel – Ongoing activities included foot/vehicle traffic; work inside Unit 1 and 2; control room operations, parking.

Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; trenching and water pipe installation; material fabrication/inventory; RO systems maintenance; movement of materials and equipment; foot/vehicle traffic; parking.

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard – No construction activities. Gate is locked and parcel is currently inaccessible.

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

Parcel B –SERC construction activities during material inventory/movement in warehouses B. 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 #7 in Western Parcel (RO system awning)** – No nesting activity was observed and no mourning doves were present in the vicinity of the nest. Based on recent observations, this nest has successfully fledged and is no longer active. Construction activities near the nest included foot traffic, RO systems maintenance, and material fabrication/movement.
- **MODO nest #8 in Eastern Parcel (air compressor awning)** – An adult mourning dove (*Zenaida macroura*; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations.

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

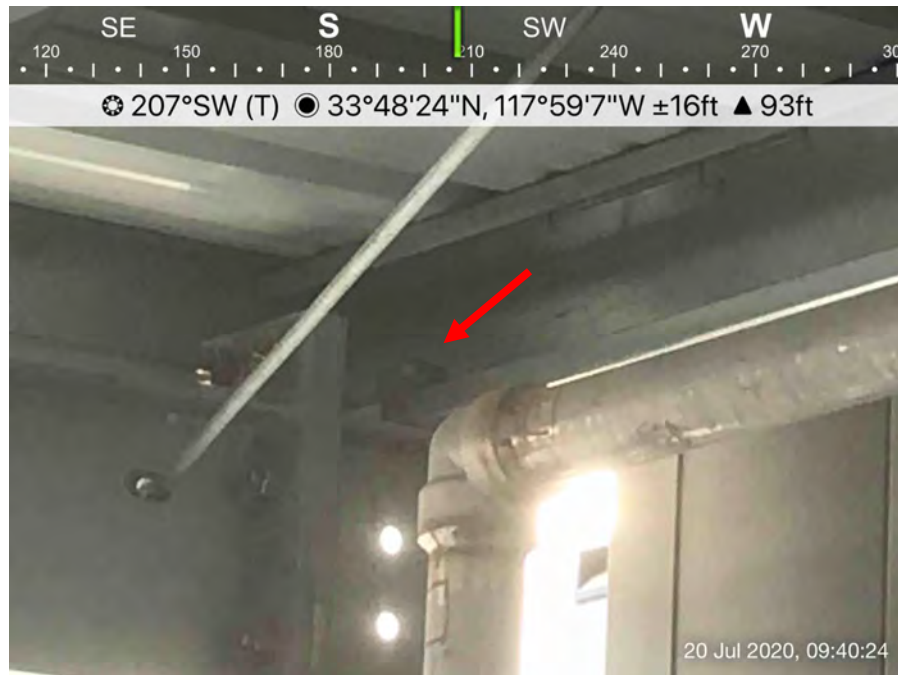
Items Requiring Action/Follow-up

- 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*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), house sparrow (*Passer domesticus*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), Cassin's kingbird (*Tyrannus vociferans*), common raven (*Corvus corax*), black phoebe (*Sayornis nigricans*), killdeer (*Charadrius vociferus*)

Photo 1



Location	SERC – Eastern Parcel	Description	Closeup of active mourning dove nest (MOD0 East #8) located in the air compressor awning in the East parcel, facing southwest. An adult mourning dove was observed sitting low on the nest in incubation position and showed no signs of disturbance.
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Photo 2



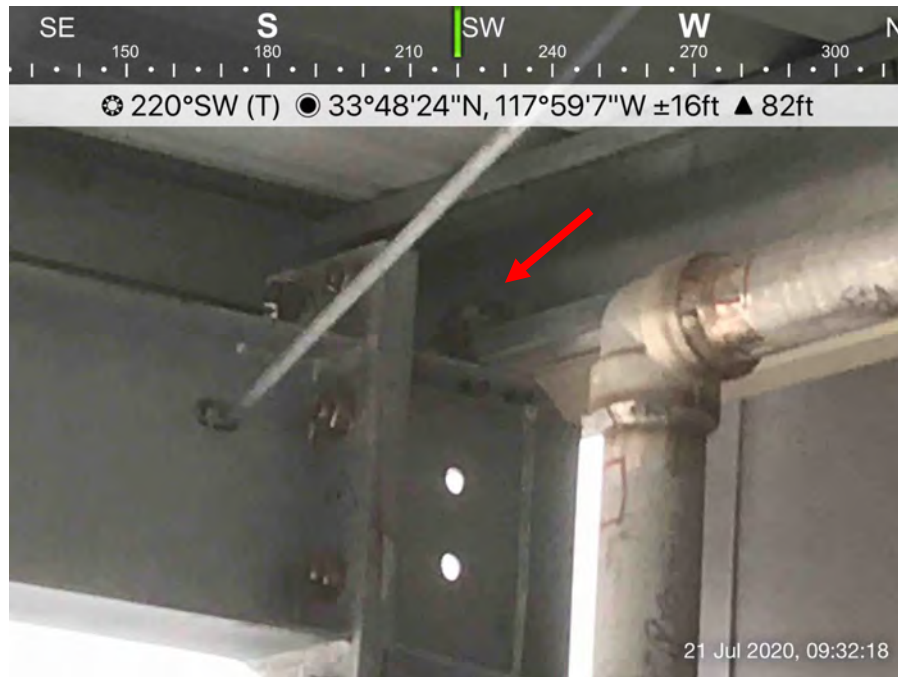
Location	SERC – Eastern Parcel	Description	Overview of the nest located in the air compressor awning in the East parcel (MOD0 East #8), facing southwest. Construction activities near the nest included foot traffic and control room operations.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 21, 2020		Cara Snellen		0915-1015
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
70-72	2-5	0.0 in.	Good (10 mi.)	Cloudy/overcast
Location(s) of Work Site Activities Monitored				
<p>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. A nest is currently located in the SERC Eastern Parcel.</p> <ul style="list-style-type: none"> MODO nest #8 in Eastern Parcel (air compressor awning) – Active mourning dove nest located on a beam ledge under the southwest corner of the air compressor awning in the East parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest with flagging and signage, incorporating existing infrastructure where appropriate. <p>SERC Site:</p> <p>Eastern Parcel – Ongoing activities included foot/vehicle traffic; work inside Unit 1 and 2; control room operations, parking.</p> <p>Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; water pipe installation; material fabrication/inventory; movement of materials and equipment; foot/vehicle traffic; parking.</p> <p>West Laydown Yard – Ongoing activities included foot traffic.</p> <p>East Laydown Yard – No construction activities. Gate is locked and parcel is currently inaccessible.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Ongoing activities included parking; foot traffic.</p> <p>Parcel B – SERC construction activities during material inventory/movement in warehouse B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials.</p> <p>Parcel C – Ongoing activities included parking; foot traffic.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. A second adult was perched nearby. The birds were not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> 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*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), house sparrow (*Passer domesticus*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), Allen's hummingbird (*Selasphorus sasin*), red-tailed hawk (*Buteo jamaicensis*), American kestrel (*Falco sparverius*)

Photo 1



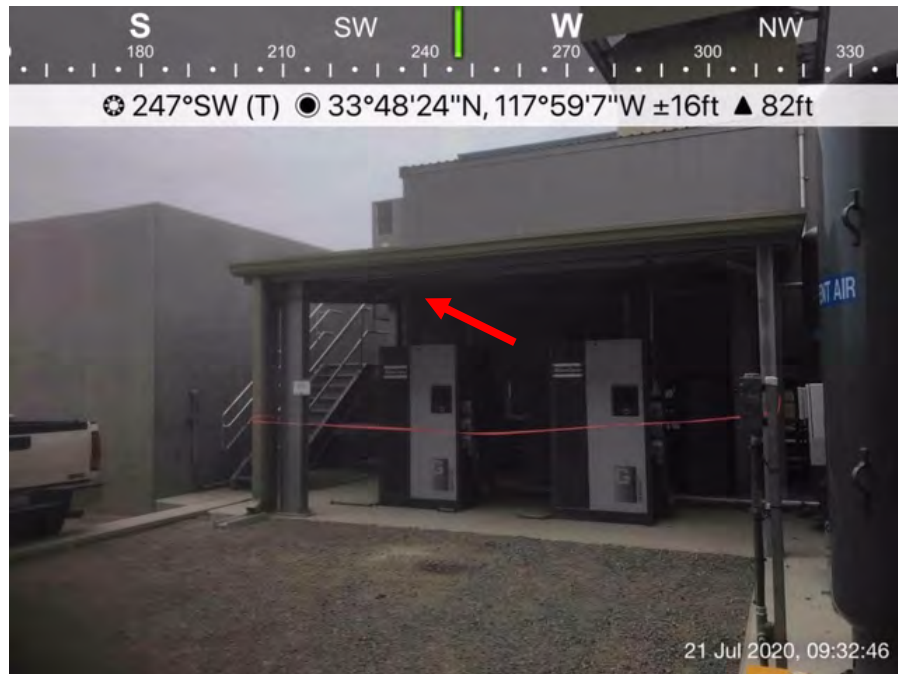
Location

SERC – Eastern Parcel

Description

Closeup of active mourning dove nest (MODO East #8) located in the air compressor awning in the East parcel, facing southwest. An adult mourning dove was observed sitting low on the nest in incubation position and showed no signs of disturbance.

Photo 2



Location

SERC – Eastern Parcel

Description

Overview of the nest located in the air compressor awning in the East parcel (MODO East #8), facing southwest. Construction activities near the nest included foot traffic and control room operations.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 22, 2020		Cara Snellen		0900-1100
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65-70	1-2	0.0 in.	Good (10 mi.)	Cloudy/overcast
Location(s) of Work Site Activities Monitored				
<p>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.</p> <p>SERC Site:</p> <p>Western Parcel – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure, including electrical work; trench conduit/pipe installation; material fabrication; delivery and movement of materials; parking; foot/vehicle traffic.</p> <p>Eastern Parcel – Ongoing activities included control room operations; foot/vehicle traffic; parking.</p> <p>Western Laydown (SCE West parcel) – Activities included foot traffic.</p> <p>Eastern Laydown (SCE East parcel) – No SERC-related activities. Yard gate is locked and parcel is currently inaccessible.</p> <p>Gas Pipeline – No SERC-related activities.</p> <p>Church Parking Lot – No SERC-related activities.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Activities included parking; foot traffic.</p> <p>Parcel B – Activities included material inventory/movement at warehouse B and C; foot traffic.</p> <p>Parcel C – Activities included parking; foot traffic.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> A Cooper's hawk (<i>Accipiter cooperii</i>; CDFW WL) was observed flying through the site and perching on project infrastructure. <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No Items requiring follow-up. Monitoring of work will continue during Project construction activities. 				

Wildlife Species Observed:

Birds: mourning dove, Cooper's hawk, house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), lesser goldfinch (*Spinus psaltria*), red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferus*), Allen's hummingbird (*Selasphorus sasin*), Cassin's kingbird (*Tyrannus vociferans*)

Photo 1



Location	SERC – Western Parcel	Description	Electrical work as part of construction of above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing east.
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Photo 2



Location	SERC – Western Parcel	Description	Conduit/pipe installation activities in the trench northwest of the BESS in the West parcel, facing northwest.
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Photo 3



Location	SERC – Western Parcel	Description	Delivery and movement of materials the West parcel, facing northwest.
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Photo 4



Location	SERC – Eastern Parcel	Description	Vehicle parking for control room operations in the East parcel, facing west.
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Photo 5



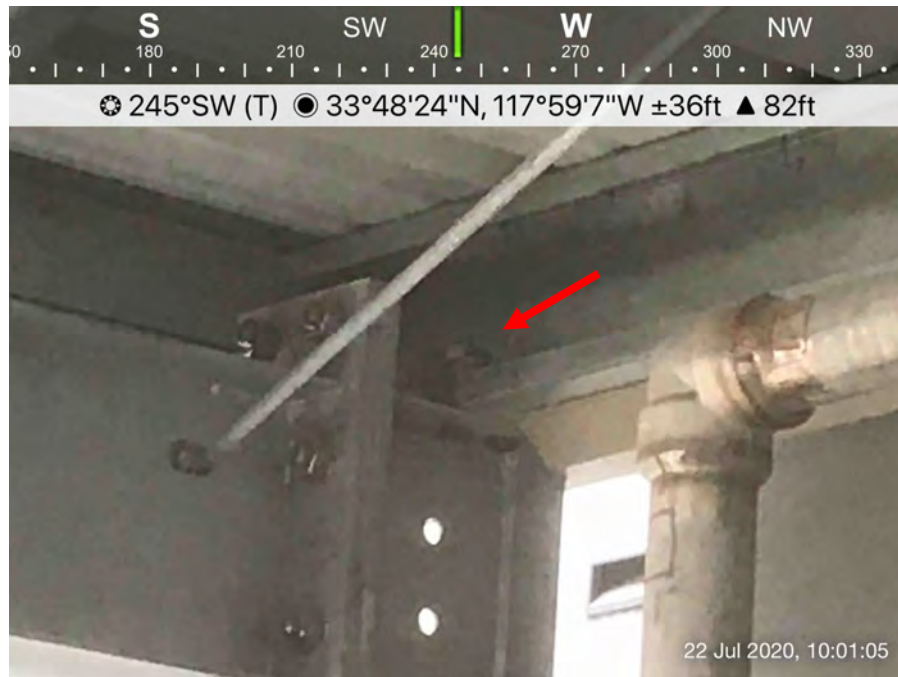
Location	SERC – Eastern Parcel	Description	Vehicle traffic associated with materials delivery to the West parcel, facing east.
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Photo 6



Location	SERC – Eastern Parcel	Description	Overview of the mourning dove nest buffer at the air compressor awning in the East parcel (MOD0 East #8), facing west. Construction activities near the nest buffer included control room operations and foot traffic.
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Photo 7



Location	SERC – Eastern Parcel	Description	An adult mourning dove was observed sitting in the nest (MODO West #7) located in the air compressor awning in the East parcel, facing southwest. The bird was not disturbed by the presence of the biologist or nearby construction activities.
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Photo 8



Location	SERC – Parcel B of the Amendment Area	Description	SERC construction activities utilizing both warehouse B and C of the amendment area, facing south. Non-SERC activities included movement of materials/equipment and foot/vehicle traffic.
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Photo 9



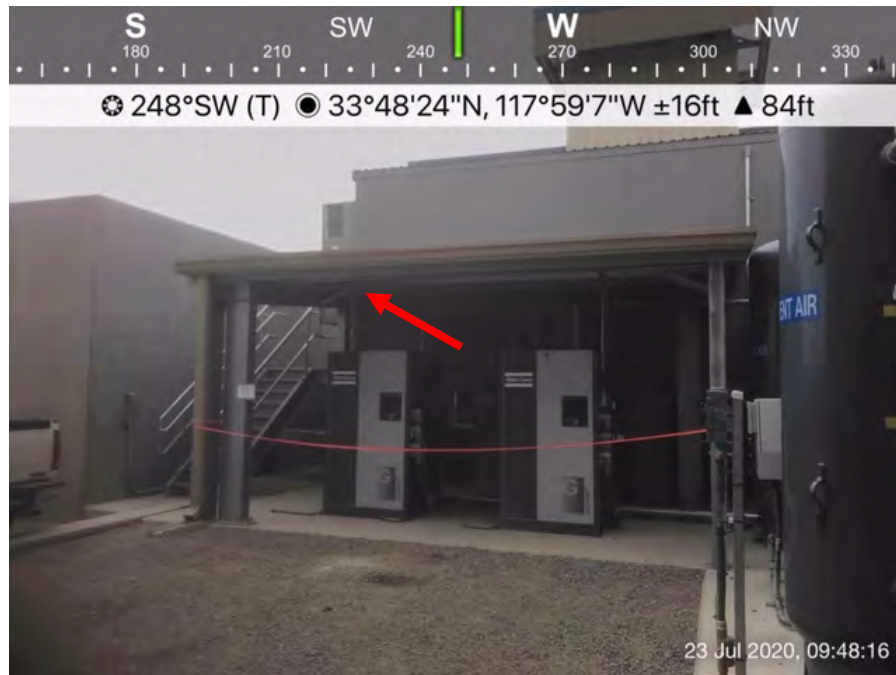
Location	SERC – Parcel B of the Amendment Area	Description	Movement of materials from warehouse C destined for the West parcel, facing northeast.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 23, 2020		Cara Snellen		0915-1015
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65-67	1-2	0.0 in.	Good (10 mi.)	Cloudy/overcast
Location(s) of Work Site Activities Monitored				
<p>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. A nest is currently located in the SERC Eastern Parcel.</p> <ul style="list-style-type: none"> MODO nest #8 in Eastern Parcel (air compressor awning) – Active mourning dove nest located on a beam ledge under the southwest corner of the air compressor awning in the East parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest with flagging and signage, incorporating existing infrastructure where appropriate. <p>SERC Site:</p> <p>Eastern Parcel – Ongoing activities included foot/vehicle traffic; control room operations, parking.</p> <p>Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; water pipe installation; material delivery; movement of materials and equipment; foot/vehicle traffic; parking.</p> <p>West Laydown Yard – Ongoing activities included foot traffic.</p> <p>East Laydown Yard – No construction activities. Gate is locked and parcel is currently inaccessible.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Ongoing activities included parking; foot traffic.</p> <p>Parcel B –SERC construction activities during material inventory/movement, parking in warehouse B. Non-SERC activities included foot/equipment traffic; loading and movement of materials.</p> <p>Parcel C – Ongoing activities included parking; foot traffic.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. A second adult was perched nearby. The birds were not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No Items requiring follow-up. Monitoring of work will continue during Project construction activities. 				

Wildlife Species Observed:

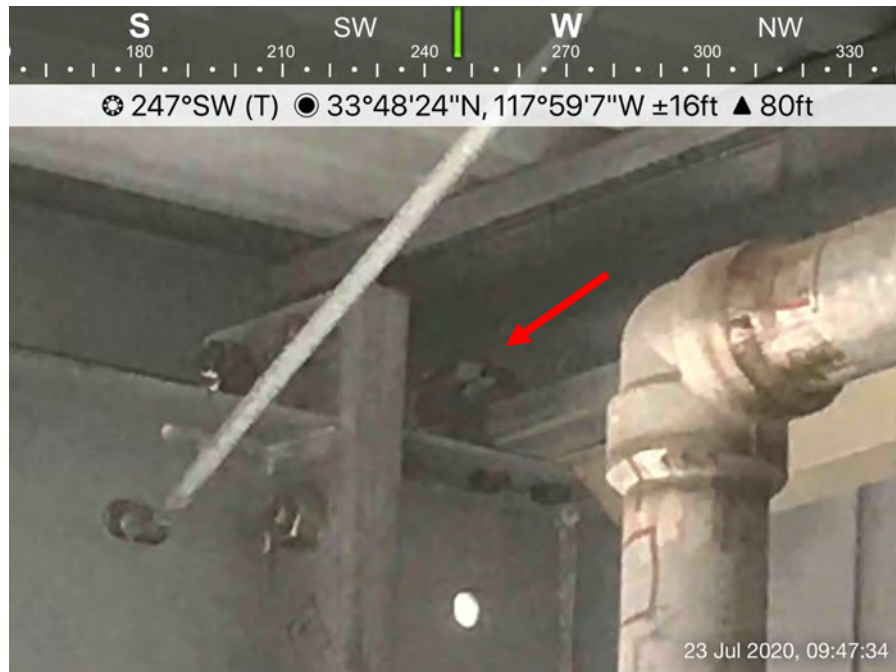
Birds: mourning dove, Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), house sparrow (*Passer domesticus*), house finch (*Haemorhous mexicanus*), American kestrel (*Falco sparverius*), lesser goldfinch (*Spinus psaltria*)

Photo 1



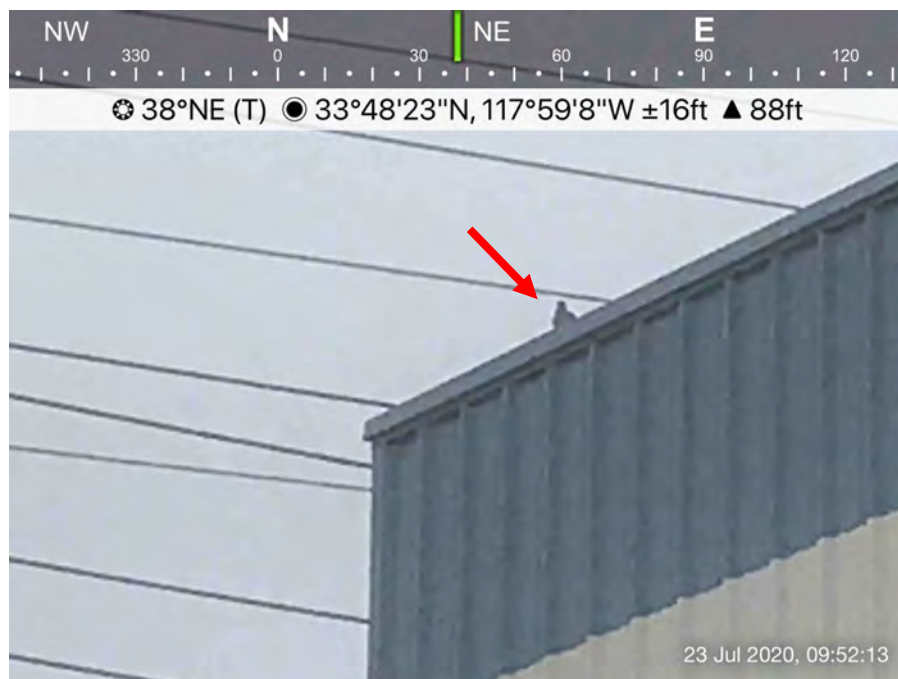
Location	SERC – Eastern Parcel	Description	Overview of the nest located in the air compressor awning in the East parcel (MOD0 East #8), facing southwest. Construction activities near the nest included foot traffic and control room operations.
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Photo 2



Location	SERC – Eastern Parcel	Description	Closeup of active mourning dove nest (MOD0 East #8) located in the air compressor awning in the East parcel, facing southwest. An adult mourning dove was observed sitting low on the nest in incubation position and showed no signs of disturbance.
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Photo 3



Location	SERC – Eastern Parcel	Description	Second adult mourning dove perched on west wall of Unit 1 near MODO East #8, facing northeast.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 24, 2020		Cara Snellen		1130-1330
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
72-76	8-10	0.0 in.	Good (10 mi.)	Mostly clear to clear
Location(s) of Work Site Activities Monitored				
<p>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.</p> <p>SERC Site:</p> <p>Western Parcel – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure, including electrical work; trench conduit/pipe installation; material fabrication; delivery and movement of materials; parking; foot/vehicle traffic.</p> <p>Eastern Parcel – Ongoing activities included control room operations; foot/vehicle traffic; parking.</p> <p>Western Laydown (SCE West parcel) – Activities included foot traffic.</p> <p>Eastern Laydown (SCE East parcel) – No SERC-related activities. Yard gate is locked and parcel is currently inaccessible.</p> <p>Gas Pipeline – No SERC-related activities.</p> <p>Church Parking Lot – No SERC-related activities.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Activities included parking; foot traffic.</p> <p>Parcel B – Activities included material inventory/movement at warehouse B and C, and parking in warehouse B; foot traffic.</p> <p>Parcel C – Activities included parking; foot traffic.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No Items requiring follow-up. Monitoring of work will continue during Project construction activities. 				

Wildlife Species Observed:

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

Photo 1



Location	SERC – Western Parcel	Description	Overview of construction activities for above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing southwest.
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Photo 2



Location	SERC – Western Parcel	Description	Conduit/pipe installation activities in the trench northwest of the BESS in the West parcel, facing northwest.
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Photo 3



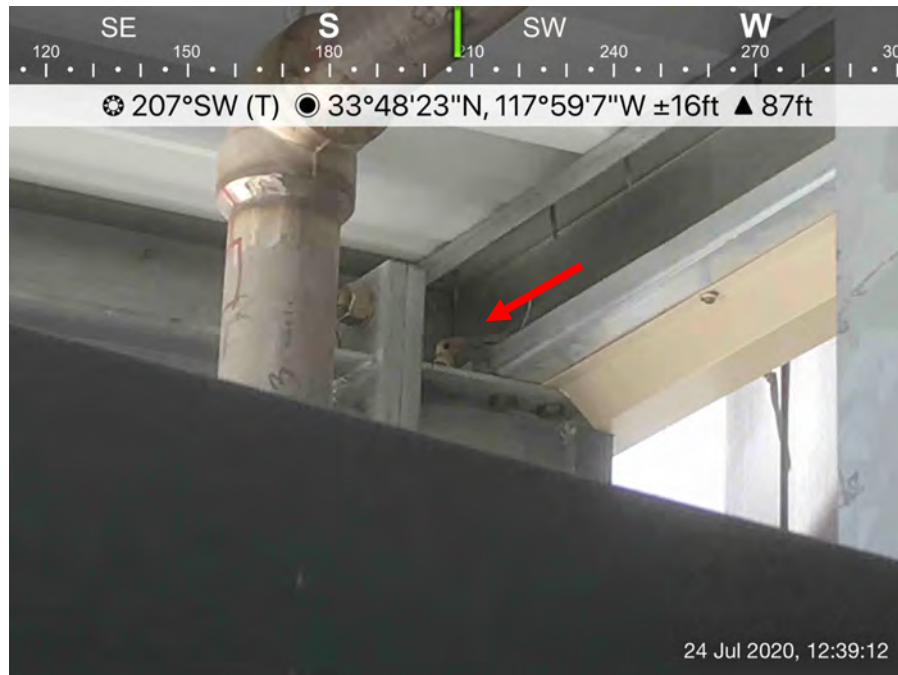
Location	SERC – Western Parcel	Description	Meeting the municipal water company regarding the water pipe connection at the Fern Avenue entrance the West parcel, facing southwest.
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Photo 4



Location	SERC – Eastern Parcel	Description	Overview of the mourning dove nest buffer at the air compressor awning in the East parcel (MOD0 East #8), facing west. Construction activities near the nest buffer included control room operations and foot traffic.
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Photo 5



Location

SERC – Eastern Parcel

Description

An adult mourning dove was observed sitting in the nest (MODO East #8) located in the air compressor awning in the East parcel, facing southwest. The bird was not disturbed by the presence of the biologist or nearby construction activities.

Photo 6



Location

SERC – Parcel B of the
Amendment Area

Description

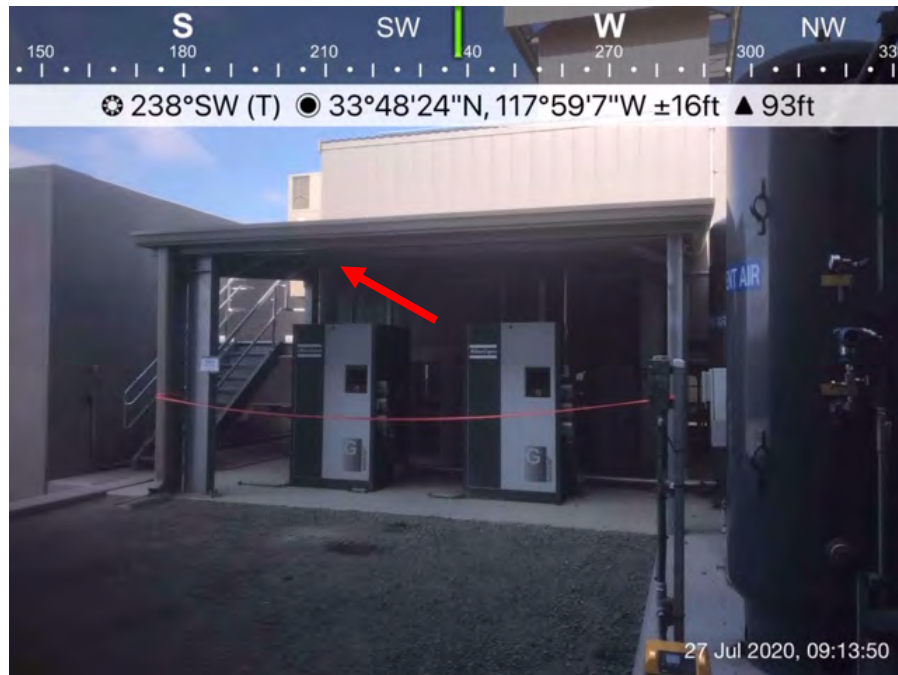
SERC construction activities at Parcel B included material inventory/movement in warehouse B and C of the amendment area, facing southeast. Non-SERC activities included movement of materials/equipment and foot/vehicle traffic.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 27, 2020		Cara Snellen		0845-0945
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
67-70	1-3	0.0 in.	Good (10 mi.)	Mostly clear
Location(s) of Work Site Activities Monitored				
<p>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. A nest is currently located in the SERC Eastern Parcel.</p> <ul style="list-style-type: none"> MODO nest #8 in Eastern Parcel (air compressor awning) – Active mourning dove nest located on a beam ledge under the southwest corner of the air compressor awning in the East parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest with flagging and signage, incorporating existing infrastructure where appropriate. <p>SERC Site:</p> <p>Eastern Parcel – Ongoing activities included foot/vehicle traffic; control room operations.</p> <p>Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; water pipe installation; material fabrication and movement; dust control; foot/vehicle traffic; parking.</p> <p>West Laydown Yard – Ongoing activities included foot traffic.</p> <p>East Laydown Yard – No construction activities. Gate is locked and parcel is currently inaccessible.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Ongoing activities included parking; foot traffic.</p> <p>Parcel B –SERC construction activities during material inventory/movement, parking in warehouse B. Non-SERC activities included foot/equipment traffic; loading and movement of materials.</p> <p>Parcel C – Ongoing activities included parking; foot traffic.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The bird was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> 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*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), house sparrow (*Passer domesticus*), house finch (*Haemorhous mexicanus*), lesser goldfinch (*Spinus psaltria*), American crow (*Corvus brachyrhynchos*), European starling (*Sturnus vulgaris*), black phoebe (*Sayornis nigricans*), red-tailed hawk (*Buteo jamaicensis*), barn swallow (*Hirundo rustica*), killdeer (*Charadrius vociferus*), Cassin's kingbird (*Tyrannus vociferans*)

Photo 1



Location	SERC – Eastern Parcel	Description	Overview of the nest located in the air compressor awning in the East parcel (MODO East #8), facing southwest. Construction activities near the nest included foot traffic and control room operations.
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Photo 2



Location	SERC – Eastern Parcel	Description	Closeup of active mourning dove nest (MODO East #8) located in the air compressor awning in the East parcel, facing southwest. An adult mourning dove was observed sitting low on the nest in incubation position and showed no signs of disturbance.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 28, 2020		Cara Snellen		0900-1100
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65-72	2-5	0.0 in.	Good (10 mi.)	Mostly clear to clear
Location(s) of Work Site Activities Monitored				
<p>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.</p> <p>SERC Site:</p> <p>Western Parcel – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure, including electrical work; trench pipe installation and fill; material fabrication; delivery and movement of materials; parking; foot/vehicle traffic.</p> <p>Eastern Parcel – Ongoing activities included control room operations; foot/vehicle traffic; parking.</p> <p>Western Laydown (SCE West parcel) – Activities included foot traffic.</p> <p>Eastern Laydown (SCE East parcel) – No SERC-related activities. Yard gate is locked and parcel is currently inaccessible.</p> <p>Gas Pipeline – No SERC-related activities.</p> <p>Church Parking Lot – No SERC-related activities.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Activities included parking; foot traffic.</p> <p>Parcel B – Activities included material inventory/movement at warehouse B and C, and parking in warehouse B; foot traffic.</p> <p>Parcel C – Activities included parking; foot traffic.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No Items requiring follow-up. Monitoring of work will continue during Project construction activities. 				

Wildlife Species Observed:

Birds: mourning dove, house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), red-tailed hawk (*Buteo jamaicensis*), European starling (*Sturnus vulgaris*), barn swallow (*Hirundo rustica*)

Photo 1



Location	SERC – Western Parcel	Description	Electrical work as part of construction activities for above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing south.
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Photo 2



Location	SERC – Western Parcel	Description	Backfilling over the newly installed water pipe in the trench northwest of the BESS in the West parcel, facing west.
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Photo 3



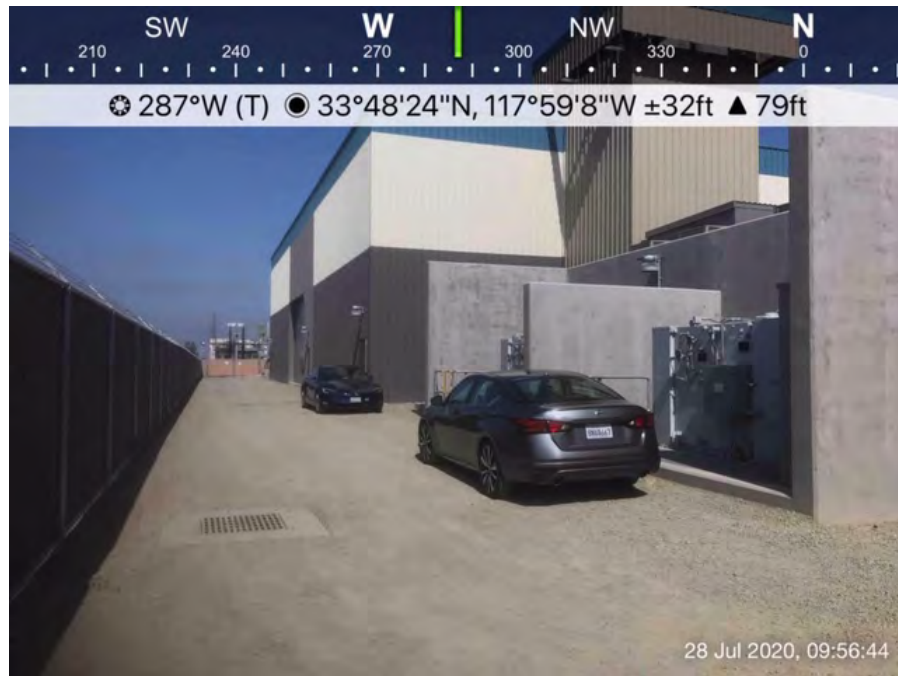
Location

SERC – Western Parcel

Description

Delivery of materials for BESS construction in the West parcel, facing southwest.

Photo 4



Location

SERC – Eastern Parcel

Description

Vehicle parking for control room personnel in the East parcel, facing west.

Photo 5



Location	SERC – Eastern Parcel	Description	Overview of the mourning dove nest buffer at the air compressor awning in the East parcel (MOD0 East #8), facing southwest. Construction activities near the nest buffer included control room operations and foot traffic.
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Photo 6



Location	SERC – Eastern Parcel	Description	An adult mourning dove was observed sitting in the nest (MOD0 East #8) located in the air compressor awning in the East parcel, facing west. The bird was not disturbed by the presence of the biologist or nearby construction activities.
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Photo 7



Location	SERC – Parcel B of the Amendment Area	Description	SERC construction activities at Parcel B included material inventory/movement in warehouse B and C of the amendment area, facing northeast. Non-SERC activities included movement of materials/equipment and foot/vehicle traffic.
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Stanton Energy Reliability Center (SERC)**BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG**

Date		Monitor		Time (Begin-End)	
July 29, 2020		Cara Snellen		1000-1100	
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment	
72-74	2-5	0.0 in.	Good (10 mi.)	Clear/sunny	
Location(s) of Work Site Activities Monitored					
<p>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. A nest is currently located in the SERC Eastern Parcel.</p> <ul style="list-style-type: none">MODO nest #8 in Eastern Parcel (air compressor awning) – Active mourning dove nest located on a beam ledge under the southwest corner of the air compressor awning in the East parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest with flagging and signage, incorporating existing infrastructure where appropriate. <p>SERC Site:</p> <p>Eastern Parcel – Ongoing activities included foot/vehicle traffic; movement of materials; work inside Unit 1 and 2; control room operations; parking.</p> <p>Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; trenching fill; material delivery/movement; clean-up and initial demobilization; foot/vehicle traffic; parking.</p> <p>West Laydown Yard – Ongoing activities included foot traffic.</p> <p>East Laydown Yard – No construction activities. Gate is locked and parcel is currently inaccessible.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Ongoing activities included parking; foot traffic.</p> <p>Parcel B –SERC construction activities during material inventory/movement, parking in warehouse B. Non-SERC activities included foot/equipment traffic; loading and movement of materials.</p> <p>Parcel C – Ongoing activities included parking; foot traffic.</p>					
Summary of Biological Resources Monitoring Observations					
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none">None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none">MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The bird was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none">None <p>Other Observations/Comments:</p> <ul style="list-style-type: none">None					
Items Requiring Action/Follow-up					
<ul style="list-style-type: none">No Items requiring follow-up. Monitoring of work will continue during Project construction activities.					

Wildlife Species Observed:

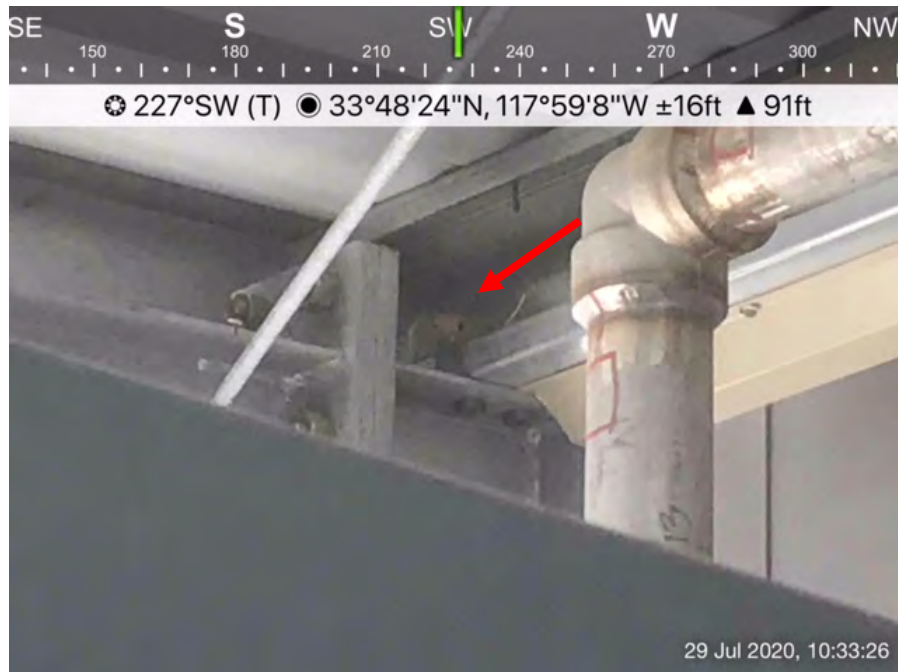
Birds: mourning dove, Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), house sparrow (*Passer domesticus*), house finch (*Haemorhous mexicanus*), European starling (*Sturnus vulgaris*), red-tailed hawk (*Buteo jamaicensis*),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

Photo 1



Location	SERC – Eastern Parcel	Description	Overview of the nest located in the air compressor awning in the East parcel (MOD0 East #8), facing southwest. Construction activities near the nest included foot traffic and control room operations.
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Photo 2



Location	SERC – Eastern Parcel	Description	Closeup of active mourning dove nest (MOD0 East #8) located in the air compressor awning in the East parcel, facing southwest. An adult mourning dove was observed sitting low on the nest in incubation position and showed no signs of disturbance.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 30, 2020		Cara Snellen		0830-1030
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64-69	2-5	0.0 in.	Good (10 mi.)	Cloudy/overcast to clear
Location(s) of Work Site Activities Monitored				
<p>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.</p> <p>SERC Site:</p> <p>Western Parcel – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure, including electrical work; excavation and pipe work at Fern Avenue entrance; movement of materials/equipment; dust control; general clean-up; foot/vehicle traffic.</p> <p>Eastern Parcel – Ongoing activities included control room operations; work inside Unit 1 and 2; foot/vehicle traffic; parking.</p> <p>Western Laydown (SCE West parcel) – Activities included foot traffic.</p> <p>Eastern Laydown (SCE East parcel) – No SERC-related activities. Yard gate is locked and parcel is currently inaccessible.</p> <p>Gas Pipeline – No SERC-related activities.</p> <p>Church Parking Lot – No SERC-related activities.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Activities included parking; foot traffic.</p> <p>Parcel B – Activities included material inventory/movement at warehouse B and C, and parking in warehouse B; foot traffic.</p> <p>Parcel C – Activities included parking; foot traffic.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> No Items requiring follow-up. Monitoring of work will continue during Project construction activities. 				

Wildlife Species Observed:

Birds: mourning dove, house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), red-tailed hawk (*Buteo jamaicensis*), European starling (*Sturnus vulgaris*), Allen's hummingbird (*Selasphorus sasin*), California gull (*Larus californicus*), American kestrel (*Falco sparverius*), killdeer (*Charadrius vociferus*), Cassin's kingbird (*Tyrannus vociferans*)

Photo 1



Location	SERC – Western Parcel	Description	Overview of construction activities for above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing southwest.
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Photo 2



Location	SERC – Western Parcel	Description	Excavation and pipe work at the Fern Avenue entrance in the West parcel, facing west.
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Photo 3



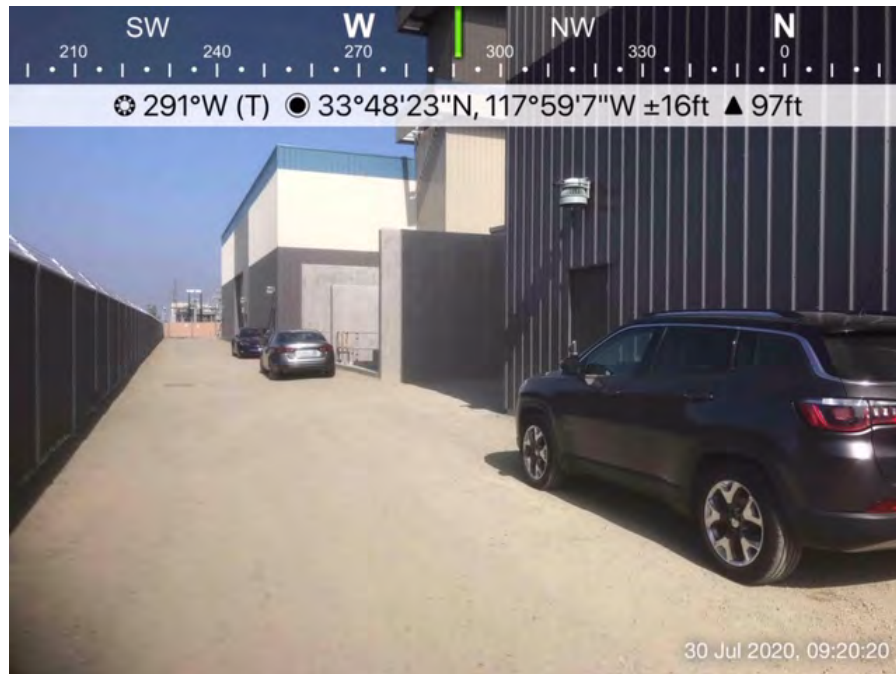
Location

SERC – Western Parcel

Description

Movement of materials (generator) in the West parcel, facing northeast.

Photo 4



Location

SERC – Eastern Parcel

Description

Vehicle parking for control room personnel in the East parcel, facing west.

Photo 5



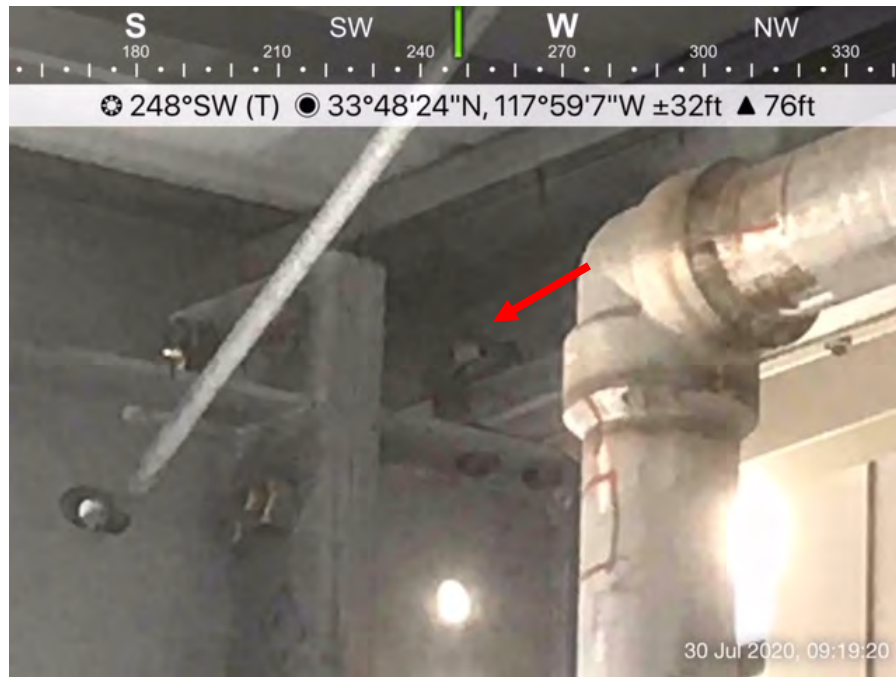
Location	SERC – Eastern Parcel	Description	Overview of Unit 2 with equipment access doors open in the East parcel. Miscellaneous construction activities were occurring inside both Unit 1 and 2.
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Photo 6



Location	SERC – Eastern Parcel	Description	Overview of the mourning dove nest buffer at the air compressor awning in the East parcel (MOD0 East #8), facing west. Construction activities near the nest buffer included control room operations and foot traffic.
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Photo 7



Location	SERC – Eastern Parcel	Description	An adult mourning dove was observed sitting in the nest (MODO East #8) located in the air compressor awning in the East parcel, facing southwest. The bird was not disturbed by the presence of the biologist or nearby construction activities.
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Photo 8



Location	SERC – Parcel B of the Amendment Area	Description	SERC construction activities at Parcel B included material inventory/movement in warehouse B and C of the amendment area, facing southeast. Non-SERC activities included movement of materials/equipment and foot/vehicle traffic.
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Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
July 31, 2020		Cara Snellen		0915-1015
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
77-81	2-5	0.0 in.	Good (10 mi.)	Clear/sunny
Location(s) of Work Site Activities Monitored				
<p>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. A nest is currently located in the SERC Eastern Parcel.</p> <ul style="list-style-type: none"> MODO nest #8 in Eastern Parcel (air compressor awning) – Active mourning dove nest located on a beam ledge under the southwest corner of the air compressor awning in the East parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest with flagging and signage, incorporating existing infrastructure where appropriate. <p>SERC Site:</p> <p>Eastern Parcel – Ongoing activities included foot/vehicle traffic; dust control; control room operations; parking.</p> <p>Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; trenching fill; dust control; clean-up and initial demobilization; foot/vehicle traffic; parking.</p> <p>West Laydown Yard – Ongoing activities included foot traffic.</p> <p>East Laydown Yard – No construction activities. Gate is locked and parcel is currently inaccessible.</p> <p>SERC Amendment Area:</p> <p>Parcel A – Ongoing activities included parking; foot traffic.</p> <p>Parcel B –SERC construction activities during material inventory/movement, parking in warehouse B. Non-SERC activities included foot/equipment traffic; loading and movement of materials.</p> <p>Parcel C – Ongoing activities included parking; foot traffic.</p>				
Summary of Biological Resources Monitoring Observations				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p>Special-Status Species Observed:</p> <ul style="list-style-type: none"> None <p>Nesting Bird Observations:</p> <ul style="list-style-type: none"> MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The bird was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations. <p>Other Biological Resources Observations:</p> <ul style="list-style-type: none"> None <p>Other Observations/Comments:</p> <ul style="list-style-type: none"> None 				
Items Requiring Action/Follow-up				
<ul style="list-style-type: none"> 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*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), house sparrow (*Passer domesticus*), house finch (*Haemorhous mexicanus*), European starling (*Sturnus vulgaris*), Cassin's kingbird (*Tyrannus vociferans*), Western gull (*Larus occidentalis*), lesser goldfinch (*Spinus psaltria*)

Photo 1



Location	SERC – Eastern Parcel	Description	Overview of the nest located in the air compressor awning in the East parcel (MODO East #8), facing west. Construction activities near the nest included foot traffic and control room operations.
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Photo 2



Location	SERC – Eastern Parcel	Description	Closeup of active mourning dove nest (MODO East #8) located in the air compressor awning in the East parcel, facing southwest. An adult mourning dove was observed sitting low on the nest in incubation position and showed no signs of disturbance.
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Appendix C

Wildlife Species List

Observed Wildlife Species List July 1 – July 31, 2020 Stanton Energy Reliability Center		
Common Name	Scientific Name	Status Federal/State/Other
Birds		
Allen's hummingbird	<i>Selasphorus sasin</i>	--/--/--
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
American kestrel	<i>Falco sparverius</i>	--/--/--
Barn swallow	<i>Hirundo rustica</i>	--/--/--
Black phoebe	<i>Sayornis nigricans</i>	--/--/--
California gull	<i>Larus californicus</i>	--/--/--
Cassin's kingbird	<i>Tyrannus vociferans</i>	--/--/--
Common raven	<i>Corvus corax</i>	--/--/--
Cooper's hawk	<i>Accipiter cooperii</i>	--/WL/--
Eurasian collared dove	<i>Streptopelia decaocto</i>	--/--/NP
European starling	<i>Sturnus vulgaris</i>	--/--/NP
House finch	<i>Haemorhous mexicanus</i>	--/--/--
House sparrow	<i>Passer domesticus</i>	--/--/NP
Killdeer	<i>Charadrius vociferus</i>	--/--/--
Lesser goldfinch	<i>Spinus psaltria</i>	--/--/--
Mourning dove	<i>Zenaida macroura</i>	--/--/--
Northern mockingbird	<i>Mimus polyglottos</i>	--/--/--
Red-tailed hawk	<i>Buteo jamaicensis</i>	--/--/--
Rock pigeon	<i>Columba livia</i>	--/--/NP
Western gull	<i>Larus occidentalis</i>	--/--/--

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

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.

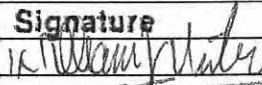
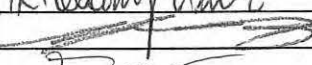
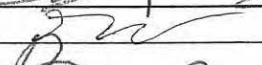
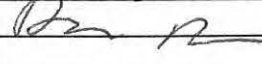
No.	Employee Name	Company	Signature	Date
1.	Edgar Ruiz	Bransel/Seaway	[Signature]	7/2/20
2.	Isidro Rodriguez	Seaway	[Signature]	7-2-20
3.	JESUS MADRIGAL	AICORN	[Signature]	7-2-20
4.	JOSE FERRERA	ALCORU	[Signature]	7-2-20
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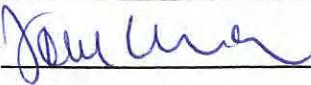
Trainer: George De la Cruz Signature: [Signature] Date: 07/02/2020

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.	WILLIAM URBIE	M.B. H2206		7-6-20
2.	MAXIM MARQUEZ	GE		6-21-20
3.	Sal Padilla	GE		7/6/2020
4.	Ben Baeder	FUSCOE		7-6-20
5.				
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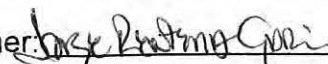
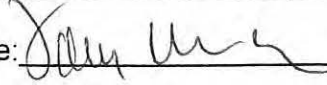
Trainer: Jorge Rodriguez Giron Signature:  Date: 27 / 06 / 2020

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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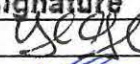



No.	Employee Name	Company	Signature	Date
1.	Dustin Gregory	AEC		7-7-20
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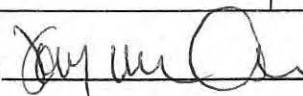
Trainer:  Signature:  Date: 07/07/2020

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

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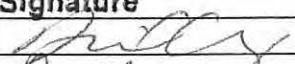
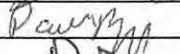
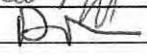
No.	Employee Name	Company	Signature	Date
1.	FRANK GONZALES	MURRAY CO.		7-8-20
2.	KEVIN CASTANEDA	MURRAY CO		7-8-2020
3.	RICHARD VENTURA	Southern		7/8/20
4.	Kyle Story	Southern		7/8/20
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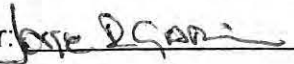
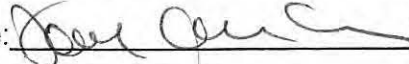
Trainer: Jorge Pantoja-Garcia Signature:  Date: 07 / 08 / 2020

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No.	Employee Name	Company	Signature	Date
1.	Daniel Cruz	Brand Safety		7-10-2020
2.	Paula Byrd	Southern		7-10-2020
3.	DANIEL PEREZ	SOUTHERN		7-10-20
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Trainer:  Signature:  Date: 07/10/2020

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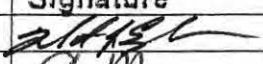
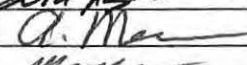
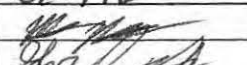

No.	Employee Name	Company	Signature	Date
1.	Justin Cerveney	FieldCore	Justin Cerveney	07/11/2020
2.	Myke Colmstock	Southern	Myke Colmstock	7/11/2020
3.	DONNY EBERH	SO-thern	Donny Eberh	7-11-20
4.	ERIC R VILLAFANA	SOUTHERN	Eric R Villafana	7-11-20
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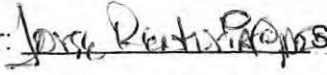
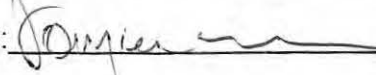
Trainer: Jose Roberto Garcia Signature: [Signature] Date: 7/11/2020

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No.	Employee Name	Company	Signature	Date
1.	Martin J. Engelmann	Landmark Services		7-13-2020
2.	A. Malen	Southern		7-13-20
3.	Matt Northrop	Southern		7/13/20
4.	Gregory J. Benedict	Southern		7/13/2020
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Trainer:  Signature:  Date: 7/13/2020

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No.	Employee Name	Company	Signature	Date
1.	Mark A. Marquez	Murray Co	[Signature]	7-16-2020
2.	Fernando Verduzco	Murray Co	[Signature]	7-15-20
3.	Mike Nitz	MURRAY	[Signature]	7-16-20
4.	Anthony Magana	Murray	[Signature]	7-16-20
5.	AARON MOORE	DSPM	[Signature]	7-16-20
6.	Bryan Smith	GE	[Signature]	7-16-20
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Trainer: Jose R. Cordero Signature: Jay W. C. Date: 7/16/2020

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No.	Employee Name	Company	Signature	Date
1.	Francisco Nunez	GranHoy	[Signature]	7.7.2020
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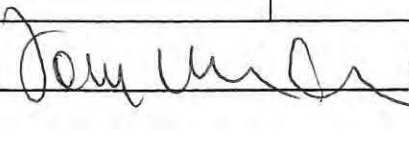
Trainer: Jose L. Garcia Signature: [Signature] Date: 7/17/2020

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No.	Employee Name	Company	Signature	Date
1.	Jorge Zamora	Murray CU		7-22-20
2.	Marc Hernandez	Murray		7-22-20
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Trainer: Jorge Zamora Signature:  Date: 07/22/2020

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No.	Employee Name	Company	Signature	Date
1.	Raul Rodriguez	Murray.CO.	Raul Rodriguez	7-23-20
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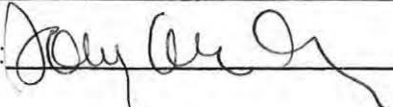
Trainer: Jose R. Garcia Signature: [Signature] Date: 7/23/2020

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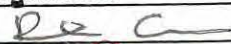
No.	Employee Name	Company	Signature	Date
1.	LEO ARAGONER	MB HERZOG		7/23/20
2.	Abraham Lopez	Orinix		7/24
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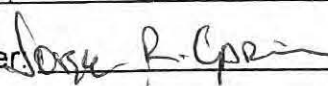
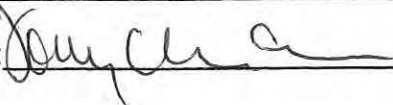
Trainer: Jose R. Lopez Signature:  Date: 7/24/2020

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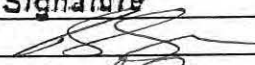


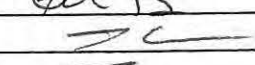

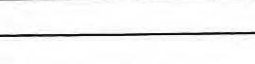
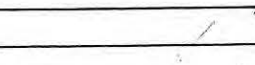
No.	Employee Name	Company	Signature	Date
1.	Denise Calderon	GE		7/27/20
2.	TRAVIS BROGUIERE	NVS		7/27/20
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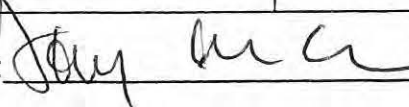
Trainer:  Signature:  Date: 07/27/2020

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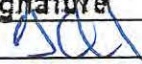
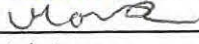
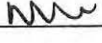
No.	Employee Name	Company	Signature	Date
1.	ANTONIO CORTER	Murray Co.		7/28/2020
2.	JOSHUA REASONER	HERZOG ELEC		7/28/2020
3.	MICHAEL FRANK	HERZOG		7-28-20
4.	Greg Soderman	Herzog		7-28-20
5.	FRANK BOZZO	HERZOG		7.28.20
6.	JESUS CORREA	HERZOG		7/28/20
7.	TIM MULLEN	HERZOG		7/28/20
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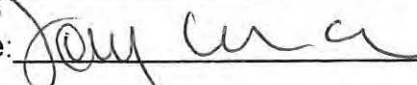
Trainer: JOSE R. GARCIA Signature:  Date: 07/28/2020

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No.	Employee Name	Company	Signature	Date
1.	SOAQUIN CONTRERAS	HERZOG		07/29/20
2.	Mark PATE	Herzog		7-29-20
3.	Nick Gualtieri	Herzog		7-29-20
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Trainer:  Signature:  Date: 07/29/2020

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) July 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: July 2020

This July 2020 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from July 1 through July 31, 2020 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. Excavations in July were limited to excavations for utility connections on Parcel 2 for the BESS and augering for gate posts. 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

PaleoWest Alternate Cultural Resources Specialist (CRS) Natalie Lawson and Cultural Resources Monitors (CRM) Jennifer (McElhoes) Moritz and John McDermott monitored during this reporting period.

The Native American Monitor (NAM) for this reporting period was Robert Dorame.

TABLE 1

Number of CRMs and NAMs Present, by Date

Date	CRMs	NAMs
07/06/2020	1	1
07/07/2020	1	1
07/08/2020	1	1
07/09/2020	1	1
07/10/2020	1	1

TABLE 1

Number of CRMs and NAMs Present, by Date

Date	CRMs	NAMs
07/13/2020	1	1
07/14/2020	1	1
07/20/2020	1	1
07/30/2020	1	1
Total CRM/NAM-Days	9	9

Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Monday, July 6, 2020. Activities monitored on the SERC plant included trench excavations for utility connections for the BESS and augering for a gate post on the west end of the BESS on Parcel 2. Excavations for the utility connections reached up to 7 feet below the current surface. Augering for the light posts extended up to 10 feet below the current surface.

Native sediments were observed in all excavations in July. Native sediments observed on Parcel 2 began approximately 1 1/2 feet to 3 feet below the current surface. Within the trenches, sediment was a moderately compacted medium brown sandy loam directly under the disturbed level. At approximately 4 feet below the surface, observed soils were a light brown, loosely compacted ‘sugar’ sand which tended to collapse. Shoring was used along all the trenches deeper than 4 feet below the surface in July. Native soils in the auger hole were loose to moderately compacted medium brown sands from approximately 2 to 3 ft below the surface, all the way to the bottom of the hole.

Cultural Resources Discoveries This Period

One isolated find was discovered during construction monitoring of the SERC plant in July. The onsite cultural resource monitor identified the remains of a blue and yellow California license plate. The top portion of the license plate frame has rusted away and a specific year was not obtainable. The plate reads, “189 CBR”. Blue and yellow license plates were used in California between 1969 and 1980. The item was found in the spoils pile from utility tie-in excavations. Trench depth was 4 feet below the current surface; however, the plate likely originated between 1 ft and 3 ft below current surface near the interface between disturbed and native sediments. Disturbed sediments are medium brown silty sands with gravel. Native sediments consisted of medium brown sandy loam. This find was treated proscriptionally and Department of Parks and Recreation forms were completed and are attached to this MCR.

Fulfillment Requirements of Each Cultural Resource Mitigation Measure

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

TABLE 2

Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
CUL-1: Appointment and Qualifications of Cultural Resources Personnel	<ul style="list-style-type: none"> 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. 	<p>In compliance</p> <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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. 	<p>In compliance</p> <ul style="list-style-type: none"> Owner has provided CRS with project information and maps Owner provides three-week lookahead schedule weekly There have been no changes to the construction phases.
CUL-3: Cultural Resources Mitigation and Monitoring Plan (CRMMP)	<ul style="list-style-type: none"> 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. 	<p>In compliance</p> <ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> 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 	<p>In compliance</p> <ul style="list-style-type: none"> All workers on site have viewed the video/PowerPoint training and signed the documentation sheet (found in the Biological Resources Compliance report).
CUL-6: Cultural Resources Monitoring	<ul style="list-style-type: none"> 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 	<p>In compliance</p> <ul style="list-style-type: none"> 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

TABLE 2

Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
	LORS	<ul style="list-style-type: none"> There have been no incidents of non-compliance with LORS
CUL-7: Powers of CRS/Cultural Resources Discovery Protocol	<ul style="list-style-type: none"> 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. 	<p>In compliance</p> <ul style="list-style-type: none"> One isolated find was discovered this month. The find could be treated prescriptively and was collected and recorded on DPR forms. 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.	<p>In compliance</p> <ul style="list-style-type: none"> No new sources of non-commercial fill or disposal were identified for use this month.

WEAP Training This Period

All on-site staff received cultural resources Worker Environmental Awareness Program (WEAP) training prior to starting work on site this month. From July 1 to 31, 2020, a total of 48 persons completed the SERC WEAP training. The hard copy training logs for the July 2020 reporting period are included in the Biological Resources Monthly Compliance Report.

Anticipated Changes in the Next Period

Miscellaneous excavations are expected to occur in August 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
July 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 July 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. Excavations during the month of July focused on excavations for utility connections (sewer, fire water, water, electrical) on Parcel 2 and augering for a gate post on the east side of the BESS. All excavations were 10 feet or less 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 July 2020.

Anticipated Work and/or Changes in the Next Period

Miscellaneous activities will take place during the month of August 2020 but it is unlikely that these excavations will require paleontological monitoring.

Comments, Issues or Concerns

None to report.

Attachment 8 – ELEC-1

MEMORANDUM – DCBO APPROVAL

DATE: July 30, 2020

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

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

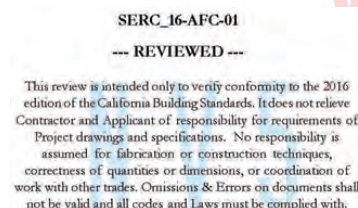
CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-7.0_X1_LIGHTING & SITE SEC SYS PLANS_200715_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: 2020.07.30
06:49:58 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: March 17, 2020

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

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

CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-23.0_BEES SWGR AC/DC SCHEMATICS_200303_PCF

MEMORANDUM:

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

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

SERC_16-AFC-01
--- REVIEWED ---
This review is intended only to verify conformity to the 2016 edition of the California Building Standards. It does not relieve Contractor and Applicant of responsibility for requirements of Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, correctness of quantities or dimensions, or coordination of work with other trades. Omissions & Errors on documents shall not be valid and all codes and Laws must be complied with.

Digitally signed by
Alan Vallow, PE
Reason: Reviewed for
Code Compliance
Date: 2020.03.17
09:28:30 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: May 6, 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

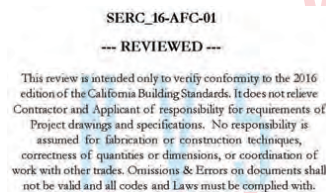
CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-24.0_X1_EXP_BESS UG RCWY PLANS_200504_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: 2020.05.06
11:08:26 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: June 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

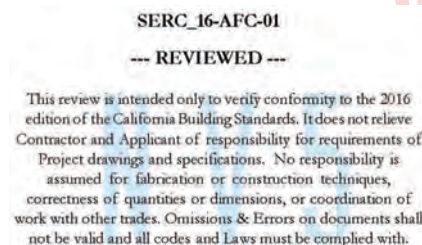
CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-25.0_X1_BESS AREA LGT & SECURITY PLNS_200601_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: 2020.06.16
07:41:08 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: May 11, 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-1-31.0_RELAY PANEL WIRING DIAGRAMS_200424_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: 2020.05.11
07:50:43 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: June 11, 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-1-35.0_X2_BESS 1LINE, EQUIP PLN & WIRING_200527_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: 2020.06.11
07:32:12 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: July 17, 2020

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

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

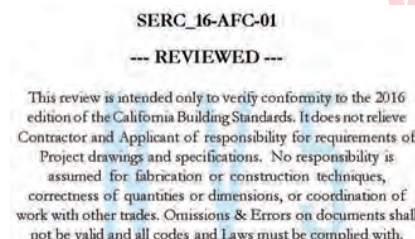
CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-37.1_Bess Elec Const Obs_200622-25_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: 2020.07.17
10:50:06 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: August 10, 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-1-39.0_BESS_RELAY TESTING_200727_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: 2020.08.10
11:16:41 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: June 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

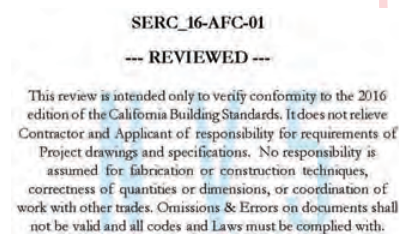
CC: Eric Rodriguez, Lead Engineer
NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-SI-0101-PEI BESS E-Stop Updates & Volt Rly Card_200605_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: 2020.06.22
12:35:02 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: June 14, 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_ELEC-1-27.0_X1_BESS AG RACEWAY PLANS_200602_PCF

MEMORANDUM:

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

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

SERC_16-AFC-01

--- REVIEWED ---

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Digitally signed by
Alan Ho
Reason: Reviewed for
Code Compliance.
Date: 2020.06.14
09:14:19 -07'00'

MEMORANDUM – DCBO APPROVAL

DATE: June 4, 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_ELEC-1-36.0_EXP_BESS_CABLE TRAY SUPPORTS_200527_PCF

MEMORANDUM:

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

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

SERC_16-AFC-01

--- REVIEWED ---

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Digitally signed by
Alan Ho

Reason: Reviewed for
Code Compliance.

Date: 2020.06.04
07:25:22 -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

[Home](#) [Accounts](#) [Payments](#) [Transfers](#) [Check Services](#) [Tools](#)

Timeout: 0:14:56

View US Wire

Use this page to view a US Wire

[Help](#)[View Payment History](#)

Payment Information

Status	Confirmed
Confirmation Number	IMAD:0721L4874B1CD00114
Payment Number	52716794
Debit Account	SERC OP - *****6538
Debit Amount	159,105.00 USD
Value Date	07/21/2020
Send Date	07/21/2020
Frequency	One-Time Only
Reference for Recipient	168138
Details of Payment	Stanton Energy Reliability Center Project No 550818-000020.00 Invoice 168138
Ordering Customer	

Recipient Information

Recipient	NVS Inc. Account Number XXXXXXXXXX 200 S Park Road STE 350 Hollywood, FL 33021-8798
Recipient Bank	BANK OF AMERICA, N.A., NY XXXXXXXXXX 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

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

Attachment 13 – GEN-8 Final Inspections

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 200521

INSPECTION NUMBER (File Name): SERC_16-AFC-01_BESS AREA_Sleeper Foundation (2) SWGR & HPSU Flatwork 200521 

CONTRACTOR: TTS CONSTRUCTION CORPORATION

CONTACT PERSON: RUDGE WYNN

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

Sleeper type No. 1 Foundation (2), SWGR No. 1 and HPSU Flatwork

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

COMMENTS (ATTACH ADDITIONAL PAGES IF NEEDED):

PLEASE SEE DWG SF01-108, SF07-102 & SF07-103-1

REQUESTOR SIGNATURE: _____ DATE: _____

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_BESS AREA_Sleeper Foundation (2) SWGR & HPSU Flatwork_200521

DATE / TIME: 5/21 1:30 pm **INSPECTOR:** E. Puccetti

☒ **APPROVED**

☐ **DISAPPROVED**

☐ **REINSPECTION REQUIRED**

☐ **AT RISK**

☐ **PHASE PASS**

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2020.06.03
07:47:16 -07'00'

DATE: 6/03/20

COMMENTS:

Approved with no exceptions taken

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 200518

INSPECTION NUMBER (File Name): SERC_16-AFC-01_BESS AREA_Sleeper Foundation_200518

CONTRACTOR: TTS CONSTRUCTION CORPORATION

CONTACT PERSON: RUDGE WYNN

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

Sleeper type No. 1 Foundation

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

COMMENTS (ATTACH ADDITIONAL PAGES IF NEEDED):

PLEASE SEE DWG SF01-108

REQUESTOR SIGNATURE: _____ DATE: _____

INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_BESS AREA_Sleeper Foundation_200518

DATE / TIME: 5/18 1:30 pm INSPECTOR: E. Puccetti

☒ APPROVED

☐ AT RISK

☐ DISAPPROVED

☐ PHASE PASS

☐ REINSPECTION REQUIRED

SIGNATURE:



Digitally signed by
Edward Puccetti
Date: 2020.06.03
07:37:46 -07'00'

DATE: 6/03/20

COMMENTS:

Approved with no exceptions taken

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME:

INSPECTION NUMBER (File Name):

CONTRACTOR:

CONTACT PERSON:

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

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

COMMENTS (ATTACH ADDITIONAL PAGES IF NEEDED):

REQUESTOR SIGNATURE: _____ DATE: _____

INSPECTION RESULT

INSPECTION MADE:

DATE / TIME: _____ INSPECTOR: _____

☐ APPROVED

☐ AT RISK

☐ DISAPPROVED

☐ PHASE PASS

☐ REINSPECTION REQUIRED

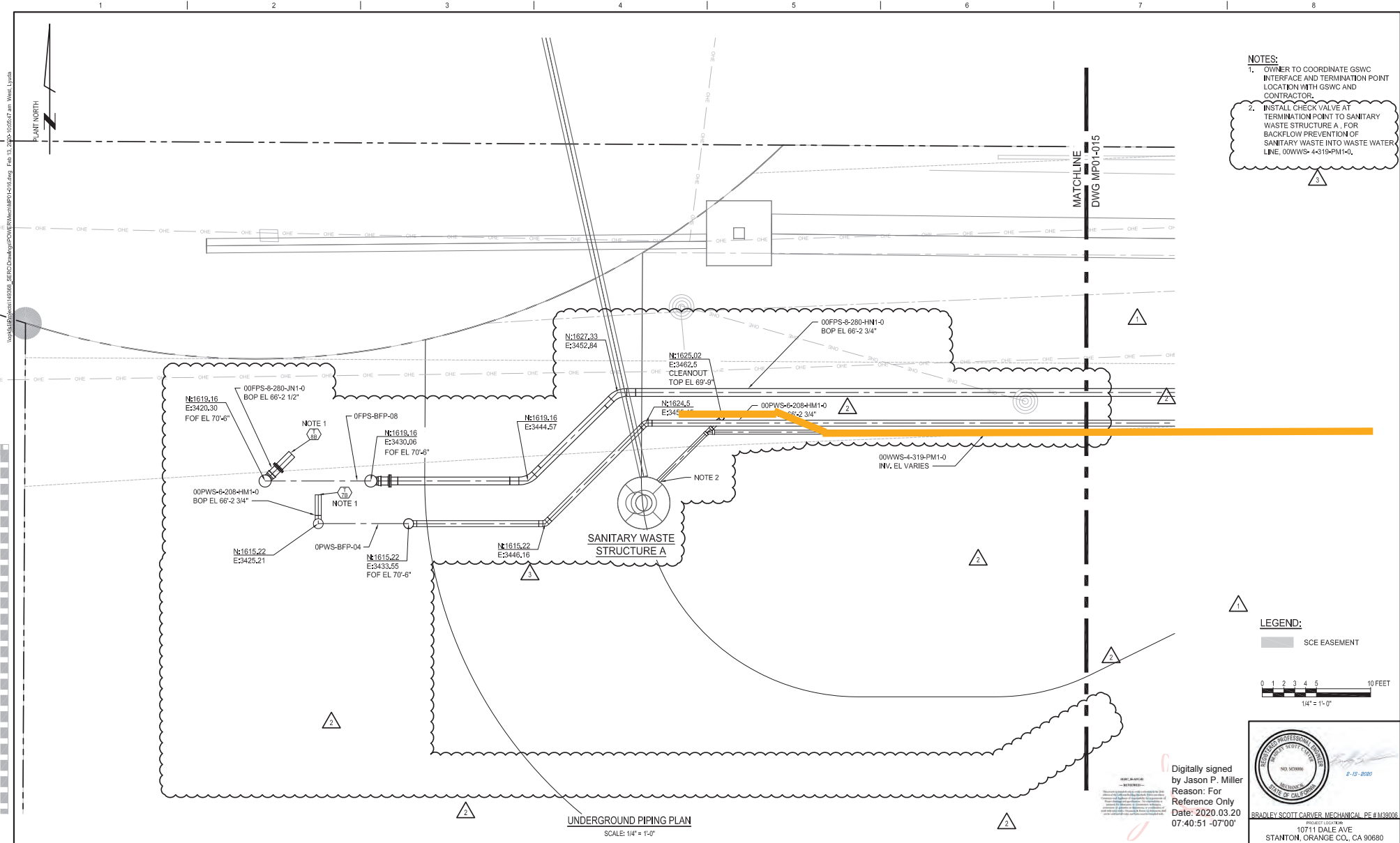
SIGNATURE:

DATE:

COMMENTS:



OFFICES NATIONWIDE



- NOTES:**
1. OWNER TO COORDINATE GSWC INTERFACE AND TERMINATION POINT LOCATION WITH GSWC AND CONTRACTOR.
 2. INSTALL CHECK VALVE AT TERMINATION POINT TO SANITARY WASTE STRUCTURE A, FOR BACKFLOW PREVENTION OF SANITARY WASTE INTO WASTE WATER LINE, 00WWS-4-319-PM1-0.

LEGEND:

— SCE EASEMENT

0 1 2 3 4 5 10 FEET
1/4" = 1'-0"

Digitally signed by Jason P. Miller
Reason: For Reference Only
Date: 2020.03.20 07:40:51 -07'00'

BRANDY SCOTT CARVER MECHANICAL PE #M39006
PROFESSIONAL SEAL
10711 DALE AVE
STANTON, ORANGE CO., CA 92680

UNDERGROUND PIPING PLAN
SCALE: 1/4" = 1'-0"

THIS DRAWING WAS PREPARED BY POWER ENGINEERS INC. FOR A SPECIFIC PROJECT. IT IS THE PROPERTY OF POWER ENGINEERS INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF POWER ENGINEERS INC.									
INTER-DISCIPLINE REVIEW									
DISC	ARCH	CIVIL	ELECT	I&C	MECH	STRUCT	3	ISSUED FOR CONSTRUCTION	02-13-2020
DATE	*	12-13-2018	12-13-2018	*	12-13-2018	12-13-2018	2	ISSUED FOR CONSTRUCTION	07-22-2019
INT	*	WHR	CMS	*	BSC	SPC	1	ISSUED FOR CONSTRUCTION	02-07-2019
							0	ISSUED FOR CONSTRUCTION	12-17-2018
							REV	REVISIONS	DATE
								DRN	DSGN
								CKD	APPD
								SCALE:	AS NOTED
								FOR 22x34 DWG ONLY	
								STANTON ENERGY RELIABILITY CENTER, LLC	10-29-2018
								600 Bercut Dr, Suite A - Sacramento, CA 95811	10-29-2018
								Phone: 916-492-9486 Fax: 916-589-5318	07-22-2019
								POWER ENGINEERS	
								10041 FOSTER, P.O. BOX 1000	
								OVERLAND PARK, KANSAS 66085-1000	
								(913) 681-2881 www.powereng.com	
								STANTON ENERGY RELIABILITY CENTER	JOB NUMBER
								OVERALL SITE	149368
								UNDERGROUND PIPING PLAN	DRAWING NUMBER
									MP01-016

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 04/10/2020 @ 1:30 am

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Site Pavement East Entrance First Pour_200410

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

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

Co1-070

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

COMMENTS (ATTACH ADDITIONAL PAGES IF NEEDED):

Rebar
Cleanliness
Forms

REQUESTOR SIGNATURE: _____ DATE: 04/07/2020

INSPECTION RESULT

INSPECTION MADE: Approach (driveway) concrete pour

DATE / TIME: 200530 INSPECTOR: V.Gruber

☒ APPROVED

☐ AT RISK

☐ DISAPPROVED

☐ PHASE PASS

☐ REINSPECTION REQUIRED

SIGNATURE:

SERC, SAC-048
--- REVIEWED ---
This review is limited solely to the construction of the 2016
California Building Code (CBC) and does not constitute a
guarantee or approval of the project. The responsibility for
proper design and construction, the responsibility to
inspect for compliance with the CBC, and the responsibility to
correct any violations or deficiencies, is the responsibility of
the contractor. The contractor shall be held responsible for
any violations of the CBC and for any unsafe conditions.

Digitally signed by Victor
Gruber
Date: 2020.05.30
14:09:18 -07'00'

DATE:

COMMENTS:

Reviewed rebar and electrical conduit, installed per plan Approved

OFFICES NATIONWIDE

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 04/15/2020 @ 1:30 am

INSPECTION NUMBER (File Name): SERC_16-AFC-01_Site Pavement East Entrance Second
Pour 200415



CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.):
Co1-070

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

COMMENTS (ATTACH ADDITIONAL PAGES IF NEEDED):

Rebar
Cleanliness
Forms

REQUESTOR SIGNATURE: Joseph Bates

Digitally signed by Joseph Bates
DN: C=US, E=j.bates@prim.com,
O=ARB Inc., CN=Joseph Bates
Date: 2020.04.07 08:51:55-0700'

DATE: 04/07/2020

OFFICES NATIONWIDE

Attachment 14 – SOIL&WATER-4 Water Use

MONTHLY WATER USAGE LOG

JULY 2020

	Meter # 19333855		Hydrant Meter on Pacific		Pacific Street 3/4" (CBO)	
	8320 Pacific St. Stanton, CA 90680		8320 Pacific St. Stanton, CA90680		8230 Pacific Street Stanton, CA 90680	
Date	Meter Read	CuFt	Meter Read	CuFt		
6/30/2020	3832.1		N/A			
7/1/2020	3832.1	0	N/A		107760	4
7/2/2020	3832.1	0	N/A		107764	3
7/3/2020	3832.1	0	N/A		107767	2
7/4/2020	3832.1	0	N/A			
7/5/2020	3832.1	0	N/A			
7/6/2020	3832.1	0	3740.4	1.6	107769	42
7/7/2020	3832.1	0	3742	0	107811	10
7/8/2020	3832.1	0	3742	2	107821	0
7/9/2020	3832.1	0	3744	2.5	107821	0
7/10/2020	3832.1	0	3746.5	1.8	107821	4
7/11/2020	3832.1	0	3748.3	0		
7/12/2020	3832.1	0	N/A			
7/13/2020	3832.1	0	3748.3	0	107825	2
7/14/2020	3832.1	0	3748.3	1.7	107827	2
7/15/2020	3832.1	0	3750	2	107829	0
7/16/2020	3832.1	0	3752	2.7	107829	14
7/17/2020	3832.1	0	3754.7	1.9	107843	4
7/18/2020	3832.1	0	3756.6	1.4		
7/19/2020	3832.1	0	N/A			
7/20/2020	3832.1	0	3758	1.6	107847	1
7/21/2020	3832.1	0	3759.6	0	107848	1
7/22/2020	3832.1	0	3759.6	2.4	107849	104
7/23/2020	3832.1	0	3762	0	107953	0
7/24/2020	3832.1	0	3762	2.4	107953	-99
7/25/2020	3832.1	0	3764.4	2.1		
7/26/2020	3832.1	0	N/A			
7/27/2020	3832.1	0	3766.5	0	107854	6
7/28/2020	3832.1	0	3766.5	1.7	107860	8
7/29/2020	3832.1	0	3768.2	0	107868	11
7/30/2020	3832.1	0	3768.2	2.7	107879	21
7/31/2020	3832.1	0	3770.9	2.3	107900	2
8/1/2020			3773.2		107902	
CuFt Sub Total		0		33		142
CuFt Total		175				

Attachment 15 – SOIL&WATER-8 Encroachment Permit

CITY OF STANTON
Department of Public Works

Project Start Date: 8/10/2020
 Project End Date: 8/20/2020

PERMIT NO. 20-69

JUL 29 2020

APPLICATION FOR:

- ☐ EXCAVATION PERMIT
- ☒ STREETS AND SIDEWALKS PERMIT
- ☐ STRUCTURES IN STREETS PERMIT
- ☐ STREET LIGHTS AND POLES PERMIT

AUTHORIZATION#

Check #51328
ag #455

**ANY/ALL SUBCONTRACTORS MUST HAVE A VALID CITY OF STANTON BUSINESS LICENSE **

WHEN CALLING FOR INSPECTION, PLEASE GIVE PERMIT NUMBER

SUBCONTRACTOR:
 BUSINESS LICENSE: YES X NO _____

LICENSE NUMBER: _____

LOCATION/DESCRIPTION OF WORK: 10711 Dale Ave. Stanton

NAME Bob Hawes Granitex Construction Company Inc.

(PLEASE PRINT (Name of Person, Firm, or Corporation for whom Application is made))

CITY BUSINESS LICENSE NO. _____

Hereby makes application to perform the following described work.

NO SKETCH, PICTURE OR PLAN IS SUBMITTED: ☐

SEE ATTACHED SKETCH PLANS CONSISTING OF _____ SHEETS

*NOTE: ALL UTILITY MARKINGS MUST BE DONE WITH CHALK PAINT ONLY. THE PERMITTEE WILL BE REQUIRED TO PRESSURE WASH OFF ALL UTILITY MARKINGS AT THE COMPLETION OF THE PROJECT IN A MANNER ACCEPTABLE TO THE CITY. BLACK PAINT IS NOT ACCEPTABLE.

INSTALLATION	LENGTH	WIDTH	DESCRIPTION (TYPE OF SURFACE, DEPTH)	FEES	INSPECTION DATE	APV.
DRIVEWAY (RESIDENTIAL / COMMERCIAL)			See plan <u>New D/W (2)</u>			
CURB ONLY			See plan			
CURB AND GUTTER			see plan			
CROSS GUTTER						
STORM DRAIN						
SIDE WALK			See plan <u>NEW S/W</u>			
PAVEMENT						
EXCAVATION						

Total: \$455.00

CITY STAFF USE ONLY

ADDITIONAL COMMENTS: <u>Contact city prior start of work.</u>	
APPROVED <u>[Signature]</u>	<u>7/29/20</u>
Department of Public Works - Engineering Division	Date

In consideration of the granting of this permit it is further agreed by the applicant that the City of Stanton and any Officer or Employee here of shall be saved harmless by the Applicant from any liability or responsibility for any accident, loss or damage to persons or property, happening or occurring as the proximate result of any of the work undertaken under the terms of this application and the permit or permits which may be granted in response, thereto, and that all of said liabilities are hereby assumed by the Applicant. I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction. I hereby certify that I am properly registered with and/or licensed as required by the City of Stanton and/or State of California or that I am the legal owner of the above described property, and I certify that in the performance of the work for which this permit is issued shall not employ any person in violation of the workmen's compensation laws of the State of California. "I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workmen's compensation laws of California."

SIGNED [Signature]

PHONE NO. 714-424-0622

MAILING ADDRESS 185 Parkway Ave Ste D C.M. 92626

CITY _____

THIS APPLICATION BECOMES A PERMIT
 WHEN APPROVED

NOTE: The application shall make all necessary arrangements and be responsible for the moving of poles, fire hydrants, and other surface and subsurface objects.

INSPECTION IS REQUIRED

Call the Department of Public Works - Division of Engineering not later than noon on the day prior to the day on which you plan to do the work at (714) 890-4205. No faxes will be accepted. This permit must be on the job at all times.

Attachment 16 – STRUC-1 CBO Approvals

< Attachment 16 has been deliberately left blank in this reporting period >

Attachment 17 – TRANS-1 Permits

Attachment 17 has been deliberately left blank in this reporting period

Attachment 18 – Safety Inspection Report



JULY 2020
MONTHLY SAFETY INSPECTION COMPLIANCE REPOT
SERC / BESS = Battery Energy Storage System
Stanton, CA

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. This includes daily reminders of hand washing and social distancing. Site entry requirements changed for entry including hand sanitizing, filling out a COVID-19 questionnaire - DAILY noting any changes in health as well as a temperature check of each team. Hand sanitizer has been placed around the jobsite in multiple locations.

Major site activities for the month of July included:

- Cable tray and conduit installation
- Wire Pulling and terminating
- Battery Installation and terminations
- Begin commissioning of the individual systems.

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

- Inform site personnel of client LOTO requirements
- Confirm back up alarms work on the equipment
- Verify distances for working around energized equipment
- Perform weekly all hands safety meetings on: Electrical Safety, Lockout / Tagout, Electrical
- Equipment Hazards, Heat Stress, Hot Weather,
- Excavation and Trench Safety, and Walking Working Surfaces.
- Working on ladders, scaffolding, Scissor Lifts, and Boom Lifts.

For the month of June we note the following:

- No First Aid
- 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

EMLCFM 01451B USAS 07/22/20 11:45:15 B202040385-00B NEW NORM POLY LREQ

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

For your safety please excavate carefully around the marked utility lines.

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

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

This is not a certified copy of the ticket.

Ticket: B202040385 Rev: 00B Created: 07/22/20 11:44 User: DIRECT Chan: WEB

Work Start: 07/27/20 06:01 Legal Start: 07/27/20 06:01 Expires: 08/19/20 23:59
Response required: Y Priority: 2

Excavator Information

Company: BOER BACKHOE, INC

Co Addr: 7128 E PARKCREST ST

City : LONG BEACH

State: CA Zip: 90808

Created By: SHERRY BOER

Language: ENGLISH

Office Phone: 562-355-8675

SMS/Cell: 562-355-8675

Office Email: SHERRY@BOERBACKHOE.COM

Site Contact: RUDGE WYNN

Site Phone: 916-240-8432

Site SMS/Cell:

Site Email

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

Delineated Method: WHITEPAINT
Work Type: FOOTINGS FOR BATTERY BACK-UP SYSTEM
Work For : TTS CONST CORP
Permit: Job/Work order: SERCBESSCN301
1 Year: N Boring: N Street/Sidewalk: N Vacuum: N Explosives: N

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

Excavator Provided:

Map link:
https://newtin.digalert.org/newtinweb/map_tkt.nap?TRG=1AjLgIdPYJk6j8m-x

Members:

ATTD SOUTH AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
MWD05 METROPOLITAN WATER	OPERATIONS CONTROL CENTE	626-844-5610
SCG28T SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-7073 xCELL
UCHTRW_C5 UTIL/SPECTRUM GG - CATV	SPECTRUM DAMAGE ONLY	844-780-6054
USCEOR UTILIQUEST FOR SCE- ORANGE RE	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELECOM-FIB TCC		800-655-8844

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Newtin - B

Mapping

Ticket: B202040385 **Revision:** 00B

State: CA **County:** ORANGE **Place:** STANTON

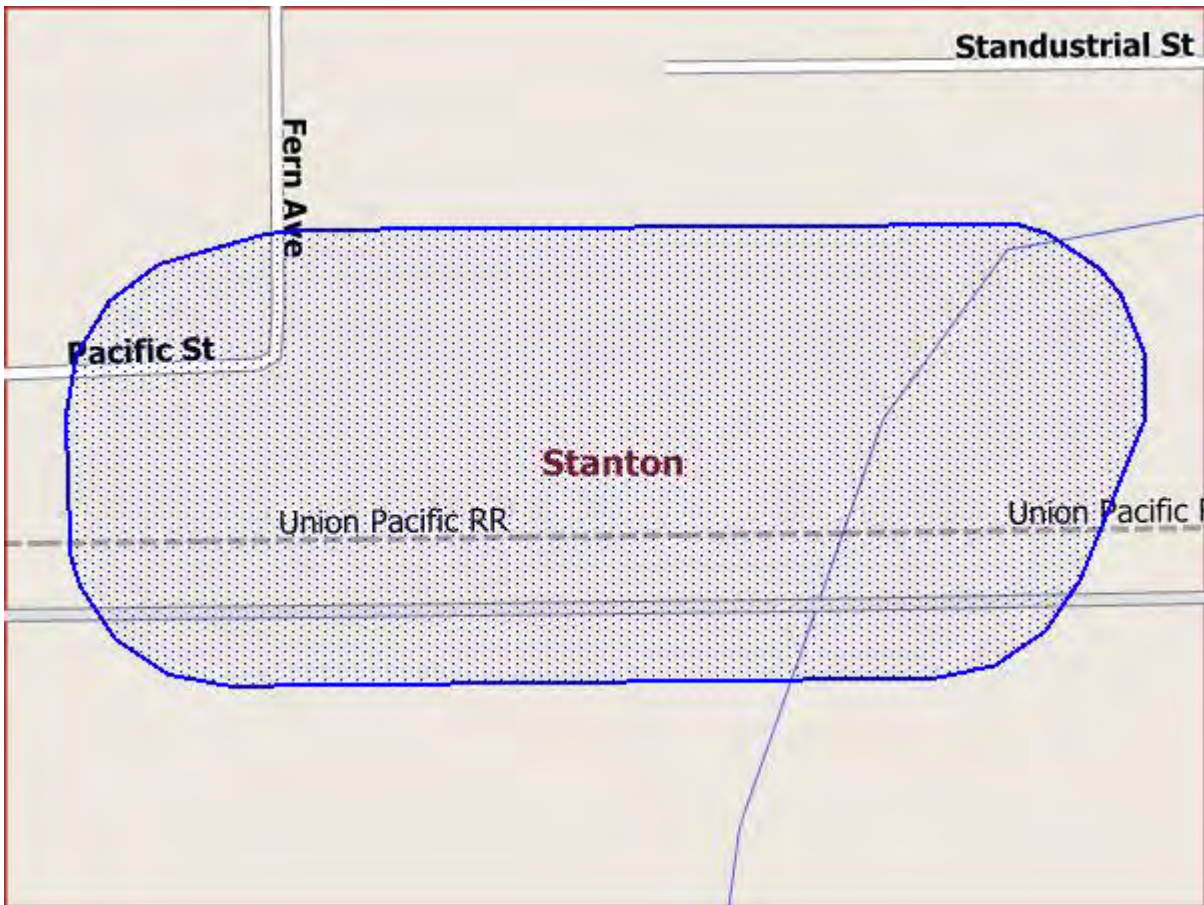
Address: 8230 **Street:** PACIFIC ST

Location:

Map view for ticket B202040385-00B



Work area view for ticket B202040385-00B



Ortho view for ticket B202040385-00B



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.	<p>All construction equipment vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering Dale Ave.</p> <ol style="list-style-type: none"> 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	<p>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.</p> <p>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.</p>	

Attachment 22 – MECH-1 CBO Inspection Approvals

<Attachment 22 has been deliberately left blank in this reporting period>

Attachment 23 – TRANS-5 Hazardous Materials Delivery & Waste Licensing

<Attachment 23 has been deliberately left blank in this reporting period>

End Report