

**DOCKETED**

<b>Docket Number:</b>	16-AFC-01C
<b>Project Title:</b>	Stanton Energy Reliability Center - Compliance
<b>TN #:</b>	233838
<b>Document Title:</b>	Monthly Compliance Report No 17
<b>Description:</b>	Stanton Energy Reliability Center June 2020 Monthly Compliance Report
<b>Filer:</b>	John Heiser
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	7/13/2020 9:35:27 AM
<b>Docketed Date:</b>	7/13/2020

# Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01  
Monthly Compliance Report No. 17  
Reporting Period: June 2020



Prepared by Stanton Energy Reliability Center, LLC (SERC)  
Submitted July 11, 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 1, 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 (LNTF) on January 31, 2019, allowing the start of construction activities at the power plant site. The Full Notice to Proceed (FNTF) 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: June 2020.



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

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, most of the work was placement of the remaining equipment including invertors, Mark VIe Integrated Control Systems (RCU), Uninterruptible Power Systems (UPS) and Distribution Panels. The installation and termination of power and control cables and the testing of the protection control systems. The 13.8kV cable from the Generator Step up Transformer (GSU) to the BESS switchgear was energized on June 27.

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 June 2020.

Activity	Percent Complete
<b>Engineering</b>	
Power Island	99%
CBO Support	96%
BESS Design	85%
<b>Procurement</b>	
Owner Supplied Equipment	100%
Contractor Supplied Equipment	100%
<b>Construction</b>	
Power Island	100%
BESS	77%

## 1.1 Engineering

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

Through the month of June 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 June:

- Coordinated final grade requirements on the west side with SERC and TTS
- Received anchor bolt calculations submittal from G&W and reviewed
- Responded to cable tray splice situation and support requirements
- Coordinated with TTS regarding cable tray elevation issue
- Coordinated with GE regarding open issues on its equipment and design
- Received new drawings from GE for incorporation into Power's design
- Re-issued drawings issued for construction to show deck penetrations, spacing dimensions, working clearance tables, and structural steel notes to coordinate penetrations with equipment bottom entry locations and mezzanine steel structure.
- Re-issued schematic drawings issued for construction to show new cables added by GE, missing terminations, time delay to e-stop circuit.
- Created new fire alarm drawings for OCFA per SERC markups
- Coordinated with COSCO, the plant fire alarm vendor, to integrate the BESS local fire alarm system into the plant fire alarm system

## 1.2 Procurement

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

The procurement of ARB Contractor Supplied Equipment (CSE) is currently 100% complete.

## 1.3 Construction

### ARB

During the month of June ARB returned to the site to attempt sealing the leak in the Demineralized Water Storage Tank o no avail.

### TTSC

The majority of the BESS work in June was placement of the remaining equipment including invertors, Mark VIe Remote Control Unit (RCU), Uninterruptible Power Systems (UPS) and Distribution Panels. The installation and termination of power and control cables and the testing of the protection control systems. The continued installation of the mezzanine structure, electrical work to include cable tray and supports, backfill and concrete work including the mezzanine deck, drilling, and anchoring of equipment.

The potable and fire-water connections from the Pacific Street tie-ins to the SERC house-lines are expected to be completed in mid to late July 2020. Until these connections are completed, Parcel 2 firewater and raw water for the demin system is currently being fed from the Dale Avenue connections.

Safety:

During this reporting period the contractor worked 10,250 man-hours without a lost time or recordable incident. To date, the contractor has worked 20,860 man-hours without a lost time, or recordable Incident, and no first aids.

The projects combined worked hours without a lost time or recordable incident is 234,666.

Civil:

- Forming and placement of the final sleeper pads
- Installed a majority of the permanent fence along the South portion of the project
- Layout for the upcoming U/G utility piping work

Structural:

- Pour the upper mezzanine deck
- Core drill and epoxy major equipment including the inverters and other BOP equipment
- Scaffold decking areas to create a safe work platform
- Installation of the mezzanine structure steel including sections A and B
- Torque bolting and install x-bracing
- Installed equipment on the mezzanine decking including inverters, UPS, ESPC's
- Installation of the parapet and gutters

Electrical:

- Scaffold decking areas to create safe work platform
- Pulled, tested and terminated (6) 13.8 multi-conductor 750 MCM cables from the GSU to the new switchgears
- VLF tested the above cables, started transformer cables
- Testing of equipment including switchgears and transformers
- Installed inner duct and fiber – switchgear 1 and 2 to the SPM
- Installation and testing of installed grounds
- Cable tray and conduit

## 1.4 Explanation of Significant Changes to the Schedule

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

## 2. Documents Required by Specific Conditions for MCR

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

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

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

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

### 3. Compliance Matrix

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

### 4. Conditions Satisfied During Reporting Period

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

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

**AQ-SC3:** 1) A summary of all actions taken to maintain compliance with this condition 2) Copies of any complaints filed with the South Coast Air Quality Management District (SCAQMD) in relation to project construction; and 3) other documentation deemed necessary to verify compliance with this condition are included in the AQCM'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 AQCM'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 AQCM'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 110 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,101. Documentation of worker training records for the reporting period is included in Appendix E of Attachment 4.

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

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

**CIVIL-1:** During the reporting period there were no proposed changes to the drainage structures and the grading; the erosion and sedimentation control plan; the construction Storm Water Pollution Prevention Plan (SWPPP); related calculations and specifications that have been signed and stamped by the responsible civil engineer or the soils, geotechnical or foundation investigations reports required by the 2016 CBC that have been previously submitted and approved by the CBO.

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

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

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

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

**COM-9:** The Annual Compliance Fee was paid by SERC, LLC on Jun 9<sup>th</sup>. 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 110 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,101. 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 were four (4) approvals by the DCBO as indicated in Attachment 8.

Additionally, during this reporting period, the following major electrical equipment was received:

- BESS Inverters (16)
- BESS Remote Control Unit (RCU) (2)

**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 were five (5) 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 110 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,101. 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 1,071 CF. Daily water usage is provided within Attachment 14.

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

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

**TRANS-1:** There were no deliveries requiring permits during the reporting period for vehicle sizes, weights, driver licensing and truck routes as identified in Attachment 17.

**TRANS-5:** The project contracted with a licensed hazardous materials delivery and a licensed waste hauler companies for the transportation of hazardous materials and wastes during this reporting period as identified in Attachment 23.

**TRANS-4:** During the reporting period project owner's general contractors did not apply for or receive an encroachment permit.

**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, the following major electrical equipment was received:

- BESS Inverters (16)
- BESS Remote Control Unit (RCU) (2)
- **VIS-3:** There were no lighting complaints for any construction activity during this reporting period.

**WASTE-4:** During this reporting period six (6) 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 November 2019.

Attachment 1 – COM-6 Project Schedule

SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE			WBS Summary					10-Jul-20 17:01																						
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020								2021								2022						
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
SERC Baseline Project Master Schedule (w/ARB Jun Sched) & CEC/SCE								927	67.2%	28-Feb-16 A	02-Dec-21	0	0																	
LM6000 RAPA Key Milestone								0	0%	01-Jul-20	01-Jul-20	287	0																	
2	Expected Initial Delivery Date	0	0%		01-Jul-20*	287	0				◆																			
Storage RAPA Key Milestone								0	0%	01-Jun-20	01-Jun-20	304	0																	
4	Expected Initial Delivery Date	0	0%		01-Jun-20*	304	0	◆	◆																					
GIA Key Milestones								66	100%	28-Feb-20 A	25-Jun-20	290	0																	
6	In-Service Date (Initial Backfeed - Liquidated Damages From S	0	100%		28-Feb-20 A		0																							
7	Initial Synchronization Date/Trial Operation (No Later Than)	0	100%		03-Mar-20 A		0																							
8	Commercial Operation Date (No Later Than)	0	0%		25-Jun-20*	166	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																	
12	Presiding Members Proposed Decision (PMPD) issued	1	100%	08-Oct-18 A	08-Oct-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																							
14	Post-Approval 30-day appeal period	30	100%	13-Nov-18 A	13-Dec-18 A		0																							
11	Application for Certification	782	100%	26-Oct-16 A	17-Dec-18 A		0																							
Pre-Construction Compliance (CEC)								47	100%	13-Nov-18 A	12-Feb-19 A		0																	
18	Limited Notice to Proceed (LNTP)	0	100%		31-Jan-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																							
20	Full Notice to Proceed (FNTP)	0	100%	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																							
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																	
24	"Issued For Bid" Engineering Package for Contractor Pricing re	174	100%	31-Oct-18 A	31-Oct-18 A		0																							
25	Further Develop Engineering to Signed and Stamped Plan Set	575	100%	31-Oct-18 A	17-Dec-18 A		0																							
26	Receive Signed and Stamped Plan Set	1	100%	17-Dec-18 A	17-Dec-18 A		0																							
27	Vehicle Bridge Engineering	45	100%	29-Oct-18 A	18-Jan-19 A		0																							
28	BESS & EGT Integration Engineering	105	100%	02-Jan-19 A	22-Feb-19 A		0																							
29	Assemble Engineering into CBO submittal packages	148	100%	11-Dec-18 A	29-Aug-19 A		0																							
Real Properties or Land Control								394	100%	06-Aug-18 A	25-Feb-19 A		0																	
31	Valov Lease Agreement Executed	0	100%		06-Aug-18 A		0																							
34	Sewer Service Connection Permit	16	100%	31-Dec-18 A	28-Jan-19 A		0																							
33	Water Service Connection Permit	16	100%	31-Dec-18 A	28-Jan-19 A		0																							
35	Orange County Public Works (OCPW) Encroachment Agreeeme	4	100%	03-Dec-18 A	01-Feb-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 Work					Critical Remaining Work																						
Actual Level of Effort			Remaining Work					◆ Milestone																						

[illegible]

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
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																						
84	Achieve Commercial Lockdown	0	100%		26-Nov-18 A		0																						
83	Short list two construction contractors and negotiate draft cont	28	100%	04-Oct-18 A	26-Nov-18 A		0																						
86	Final Bids Turned In	0	100%		14-Dec-18 A		0																						
85	Contractor Pricing Refresh	18	100%	26-Nov-18 A	14-Dec-18 A		0																						
87	Review Final Bids / Select Contractor	2	100%	14-Dec-18 A	20-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 Heilaba	0	100%	16-Oct-18 A			0																						
93	Perform Diligence	1	100%	16-Oct-18 A	14-Jan-19 A		0																						
94	Develop Loan Documentation	4	100%	16-Oct-18 A	17-Jan-19 A		0																						
95	Financial Close	0	100%	24-Jan-19 A			0																						
CEC Compliance		592	48.63%	19-Dec-18 A	02-Dec-21		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	36.47%	20-Jul-19 A	02-Dec-21		0																						
Air Quality		477	36.11%	31-Oct-19 A	14-Jul-21		113																						
AQ-1010	AQ-D1b - Initial Source Test	0	100%	31-Oct-19 A			0																						
AQ-1015	AQ-D1b - Initial Source Test	0	100%	28-Mar-20 A			0																						
AQ-1020	AQ-D2 - Operations Source Test	0	0%	28-Jun-20			418																						
AQ-1170	AQ-K1 - Source Test Results	0	0%	04-Aug-20			388																						
AQ-1100	AQ-D5 - CEMS for NOx	0	0%	04-Aug-20			388																						
AQ-1080	AQ-D4 - CEMS for CO	0	0%	04-Aug-20			388																						
AQ-1160	AQ-H1 - NOx CEMS Performance Evaluation	0	0%	25-Nov-20			298																						
AQ-1000	AQ-D1a - Initial Source Test	0	0%	25-Nov-20			298																						

SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE										WBS Summary												10-Jul-20 17:01																							
Activity ID		Activity Name		OD	% Comp	Start	Finish	TF	Fin. Var.																																				
										2020												2021												2022											
										May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb														
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%	20-Aug-20	11-Dec-20	285	-13																														
GEN-1030	GEN-8b - Plan and Specification Storage		0	0%	20-Aug-20			375	-13																																				
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%	11-Dec-20			285	-13																																				
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	0%	03-Jun-20	22-Jun-20	422	0																														
NOI-1030	NOISE-5 - Occupational Noise Survey		0	0%		03-Jun-20	437	0																																					

Remaining Level of Effort

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

Milestone

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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE										WBS Summary												10-Jul-20 17:01											
Activity ID	Activity Name			OD	% Comp	Start	Finish	TF	Fin. Var.																								
										2020						2021						2022											
						May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb						
	NOI-1010	NOISE-4a - Operational Noise Survey		0	0%	03-Jun-20		422	0																								
	NOI-1020	NOISE-4b - Noise Survey Summary Report		0	0%	22-Jun-20		422	0																								
Paleo				60	0%	20-Aug-20	03-Nov-20	315	0																								
	PAL-1000	PAL-7 - Paleontological Resources Report		0	0%	20-Aug-20		315	0																								
	PAL-1010	PAL-8 - Curation Entity/Curation Fees		0	0%	03-Nov-20		315	0																								
Structural				0	0%	05-Nov-19 A	05-Nov-19 A		0																								
	STR-1010	STRU-C-4a - Tank and HazMat Vessel Design		0	100%	05-Nov-19 A			0																								
Transmission				0	0%	28-Jan-20 A	28-Jan-20 A		0																								
	TLSN-1010	TLSN-2 - Metallic Objects Grounded		0	100%	28-Jan-20 A			0																								
Transportation				0	0%	05-Feb-21	05-Feb-21	240	0																								
	TNP-1000	TRANS-4b - Copies of Permits		0	0%	05-Feb-21		240	0																								
Switchyard				491	100%	02-Mar-20 A	02-Dec-21	0	0																								
	TSE-1060	TSE-4b - Notice to CASO		0	100%	02-Mar-20 A			0																								
	TSE-1050	TSE-4a - Notice to CASO		0	100%	06-Mar-20 A			0																								
	TSE-1090	TSE-5d - As-Built Drawings		0	100%	14-May-20 A			0																								
	TSE-1080	TSE-5c - As-Built Drawings		0	100%	14-May-20 A			0																								
	TSE-1070	TSE-5b - As-Built Drawings		0	100%	14-May-20 A			0																								
	TSE-1020	TSE-2b - Final Switchyard Design		0	0%	02-Dec-21		0	0																								
Visual				250	28.12%	03-Feb-20 A	05-Feb-21	240	0																								
	VIS-1010	VIS-2a - Screening Landscaping Plan		0	100%	03-Feb-20 A			0																								
	VIS-1020	VIS-2c - Landscape Installation Timing		0	100%	16-May-20 A			0																								
	VIS-1030	VIS-2d - Landscaping Ready for Inspection		0	100%	21-May-20 A			0																								
	VIS-1000	VIS-1c - Notification that Treatment Completed		0	0%	25-Jun-20		420	0																								
	VIS-1100	VIS-4h - Pre-COD Inspection		0	0%	05-Feb-21		240	0																								
	VIS-1080	VIS-4d - Lighting Inspection Ready, Notification		0	0%	05-Feb-21		240	0																								
Waste				200	0%	31-May-20	05-Feb-21	240	0																								
	WASTE-1020	WASTE-1b - SMP Summary		0	0%	31-May-20		440	0																								
	WASTE-1050	WASTE-8a - Operation Waste Management Plan		0	0%	05-Feb-21		240	0																								
Worker Safety				310	100%	28-Jul-19 A	18-Aug-20	377	-15																								
	WRSF-1040	WORKER SAFETY-7c - Fire Protection System Specifications		0	100%	28-Jul-19 A			0																								
	WRSF-1020	WORKER SAFETY-7a - Fire Protection System Specifications		0	100%	28-Jul-19 A			0																								
	WRSF-1010	WORKER SAFETY-2b - Operations H&S Program		0	100%	09-Mar-20 A			0																								
	WRSF-1000	WORKER SAFETY-2a - Operations H&S Program		0	100%	09-Mar-20 A			0																								
	WRSF-1060	WORKER SAFETY-8e.1 - Letter to OCFA		0	100%	16-May-20 A			0																								
	WRSF-1050	WORKER SAFETY-8e - Letter to OCFA		0	100%	16-May-20 A			0																								
	WRSF-1080	WORKER SAFETY-8f.1 - Final UL Certification of ESS		0	0%	18-Aug-20		377	-15																								
	WRSF-1070	WORKER SAFETY-8f - Final UL Certification of ESS		0	0%	18-Aug-20		377	-15																								
LM6000 Construction Schedule				367	100%	28-Feb-16 A	01-Sep-20	251	0																								

Remaining Level of Effort

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

Milestone

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TASK filter: Not Level Of Effort.

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Remaining Level of Effort

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work







SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE			WBS Summary					10-Jul-20 17:01																					
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020								2021												2022	
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE			WBS Summary						10-Jul-20 17:01																				
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020								2021								2022					
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
	00-Paymnt-048	PDM Columns	0	100%		05-Sep-19 A		0																					
	00-Paymnt-041	Fogging Water Skid U1	0	100%		16-Sep-19 A		0																					
	00-Paymnt-042	Fogging Water Skid U2	0	100%		16-Sep-19 A		0																					
	00-Paymnt-044	Spread Footings for Roofless Enclosure U1	0	100%		16-Sep-19 A		0																					
	00-Paymnt-047	Power Distribution Module (PDM) Building Spread Footings	0	100%		16-Sep-19 A		0																					
	00-Paymnt-050	Switchyard Support	0	100%		25-Sep-19 A		0																					
	00-Paymnt-051	Switchyard Substation Module Foundation	0	100%		25-Sep-19 A		0																					
	00-Paymnt-052	Fuel Gas Compressor Area Foundations	0	100%		26-Sep-19 A		0																					
	00-Paymnt-057	BESS Switchgear Foundation	0	100%		04-Oct-19 A		0																					
	00-Paymnt-055	CTG2 Miscellaneous Foundations	0	100%		16-Oct-19 A		0																					
	00-Paymnt-053	CTG1 Miscellaneous Foundations	0	100%		22-Nov-19 A		0																					
	00-Paymnt-037	Receipt of Shop Fab Rebar at Site	0	100%		23-Nov-19 A		0																					
	00-Paymnt-056	ERU2 Miscellaneous Foundations	0	100%		03-Jan-20 A		0																					
	00-Paymnt-054	ERU1 Miscellaneous Foundations	0	100%		08-Jan-20 A		0																					
	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>Remaining Level of Effort</div> <div>Actual Level of Effort</div>			<div>Actual Work</div> <div>Remaining Work</div> <div>◆ Milestone</div>			<div>Critical Remaining Work</div> <div>◆ Milestone</div>			Page 8 of 17						TASK filter: Not Level Of Effort.						© Oracle Corporation								

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Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020								2021												2022				
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb			
	00-Paymnt-077	GSU Dress Out Complete	0	100%		11-Sep-19 A		0																								
	00-Paymnt-078	GSU Auxiliary Connections Complete	0	100%		30-Oct-19 A		0																								
	00-Paymnt-079	All other 66 kV Apparatus Installed and Conductors Connected	0	100%		22-Nov-19 A		0																								
	00-Paymnt-081	High Voltage Protective Relay Testing Complete	0	100%		06-Dec-19 A		0																								
	CTG1 Components Setting and Installation Milestones		120	100%	19-Sep-19 A	27-Apr-20 A		0																								
	00-Paymnt-083	CTG1 - Install Base Plates	0	100%		19-Sep-19 A		0																								
	00-Paymnt-084	CTG1 - Level CTG Frame	0	100%		27-Sep-19 A		0																								
	00-Paymnt-082	CTG1 - Shake Out CTG Parts	0	100%		28-Sep-19 A		0																								
	00-Paymnt-088	CTG1 - Install VBV Ducting	0	100%		14-Oct-19 A		0																								
	00-Paymnt-089	CTG1 - Install Air Filter Housing	0	100%		18-Oct-19 A		0																								
	00-Paymnt-086	CTG1 - Install Air Intake Trans Ducting	0	100%		18-Oct-19 A		0																								
	00-Paymnt-087	CTG1 - Install Generator Vent Ducting	0	100%		29-Oct-19 A		0																								
	00-Paymnt-090	CTG1 - Air Housing Internals	0	100%		28-Jan-20 A		0																								
	00-Paymnt-092	CTG1 - Final Wipe Down Air Inlet	0	100%		15-Feb-20 A		0																								
	00-Paymnt-091	CTG1 - Final Check and Grout	0	100%		22-Feb-20 A		0																								
	00-Paymnt-085	CTG1 - Internal Final Alignment Checks	0	100%		28-Feb-20 A		0																								
	00-Paymnt-093	CTG1 - GE Signoff	0	100%		27-Apr-20 A		0																								
	CTG2 Components Setting and Installation Milestones		120	100%	27-Sep-19 A	27-Apr-20 A		0																								
	00-Paymnt-094	CTG2 - Shake Out CTG Parts	0	100%		27-Sep-19 A		0																								
	00-Paymnt-095	CTG2 - Install Base Plates	0	100%		27-Sep-19 A		0																								
	00-Paymnt-096	CTG2 - Level CTG Frame	0	100%		27-Sep-19 A		0																								
	00-Paymnt-101	CTG2 - Install Air Filter Housing	0	100%		22-Nov-19 A		0																								
	00-Paymnt-098	CTG2 - Install Air Intake Trans Ducting	0	100%		22-Nov-19 A		0																								
	00-Paymnt-100	CTG2 - Install VBV Ducting	0	100%		12-Dec-19 A		0																								
	00-Paymnt-097	CTG2 - Internal Final Alignment Checks	0	100%		13-Dec-19 A		0																								
	00-Paymnt-103	CTG2 - Final Check and Grout	0	100%		17-Jan-20 A		0																								
	00-Paymnt-102	CTG2 - Air Housing Internals	0	100%		30-Jan-20 A		0																								
	00-Paymnt-104	CTG2 - Final Wipe Down Air Inlet	0	100%		01-Feb-20 A		0																								
	00-Paymnt-099	CTG2 - Install Generator Vent Ducting	0	100%		22-Feb-20 A		0																								
	00-Paymnt-105	CTG2 - GE Signoff	0	100%		27-Apr-20 A		0																								
	ERU1 Components Setting and Installation Milestones		63	100%	26-Nov-19 A	23-Apr-20 A		0																								
	00-Paymnt-106	ERU1 - Complete Field Bolt Up and all Sections Set	0	100%		26-Nov-19 A		0																								
	00-Paymnt-107	ERU1 - Insulation and Liner Plates	0	100%		28-Feb-20 A		0																								
00-Paymnt-108	ERU1 - Field Load Catalyst	0	100%		23-Apr-20 A		0																									
ERU2 Components Setting and Installation Milestones		108	100%	06-Sep-19 A	20-Apr-20 A		0																									
00-Paymnt-112	Set Fuel Gas Compressor Equipment	0	100%		06-Sep-19 A		0																									
00-Paymnt-113	Set Demin Area Equipment	0	100%		13-Sep-19 A		0																									
00-Paymnt-118	Set Ammonia Forwarding Skid	0	100%		16-Sep-19 A		0																									
<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 9 of 17						TASK filter: Not Level Of Effort.												© Oracle Corporation					



SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE			WBS Summary						10-Jul-20 17:01																				
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020								2021												2022	
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
	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 XI	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 XI	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>Remaining Level of Effort</div><div>Actual Level of Effort</div></div>			<div><div>Actual Work</div><div>Remaining Work</div></div>			<div><div>Critical Remaining Work</div><div>Milestone</div></div>			Page 10 of 17						TASK filter: Not Level Of Effort.						© Oracle Corporation								

SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE			WBS Summary						10-Jul-20 17:01																				
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020								2021												2022	
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
	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 Xl	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 Xl	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 V	0	100%		01-Feb-20 A	0																						
	00-Paymnt-173	U1 480 V System - Termination of 480 Volt Cables to all 480 Vol	0	100%		14-Mar-20 A	0																						
	U2 480 Volt System Milestones		42	100%	28-Dec-19 A	30-Jan-20 A	0																						
	00-Paymnt-175	U2 480 V System - 480 Volt Feeder Cables from PDM 2 to the V	0	100%		28-Dec-19 A	0																						
	00-Paymnt-177	U2 480 V System - Termination of 480 Volt Cables to all 480 Vol	0	100%		09-Jan-20 A	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 all 480 Volt Loads Co	0	100%		30-Jan-20 A	0																						
	Start-Up and Commissioning Milestones		16	100%	16-Jan-20 A	24-Apr-20 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 11 of 17								TASK filter: Not Level Of Effort.								© Oracle Corporation				





SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE				WBS Summary					10-Jul-20 17:01																						
Activity ID		Activity Name		OD	% Comp	Start	Finish	TF	Fin. Var.	2020							2021							2022							
										May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
		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																						
	00-Landsc-110	Landscaping (De-Scoped)		19	100%	30-Apr-20 A	30-Apr-20 A		0																						
	00-Paving-110	Grading & Paving		15	100%	24-Feb-20 A	01-May-20 A		0																						
	00-Mobili-910	Demobilization / Cleanup		23	100%	30-Mar-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				470	100%	07-Apr-17 A	20-Aug-20	259	0																						
Stanton Energy Reliability Center Integrated Schedule (PIN# 8016) - Update				470	100%	07-Apr-17 A	20-Aug-20	259	0																						
Project Management				390	100%	07-Apr-17 A	03-Mar-20 A		0																						
	0110	PMWIF Issuance		0	100%		07-Apr-17 A		0																						
	0115	PMWIF Acceptance		0	100%		14-Apr-17 A		0																						
	0100	Issue ATP		0	100%		20-Mar-18 A		0																						
	0120	Customer Final Design		10	100%	02-Jul-18 A	14-Dec-18 A		0																						
	0130	Substation Designs Complete		0	100%		05-Feb-19 A		0																						
	0125	Issued Drawings to CDM		0	100%		10-Apr-19 A		0																						
	0105	Approved OD		0	100%		03-Mar-20 A		0																						
Customer Milestones				230	100%	14-Dec-18 A	01-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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SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE				WBS Summary				10-Jul-20 17:01																													
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020								2021												2022									
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb								
	01205		Design Drawings Final	0	100%		14-Dec-18 A		0																												
	01210		UG 66kV Duck Construction Complete	0	100%		01-May-19 A		0																												
	01215		66kV Dead-End Rack Construction Complete	0	100%		01-Jul-19 A		0																												
	01220		Diverse Fiber Duct Construction Complete	0	100%		15-Aug-19 A		0																												
	01225		Control House Ready for SCE Telecom Cabinets	0	100%		01-Oct-19 A		0																												
	01230		Ready for In-Service Testing	0	100%		01-Nov-19 A		0																												
	Environmental			150	100%	01-Aug-18 A	31-May-19 A		0																												
	0355		Environmental Process	150	100%	01-Aug-18 A	31-May-19 A		0																												
	Substation			434	100%	25-Jan-18 A	03-Mar-20 A		0																												
	Mirage Substation			227	100%	14-May-18 A	13-Jun-19 A		0																												
	Engineering			130	100%	14-May-18 A	15-Apr-19 A		0																												
	01005		Preliminary Engineering	50	100%	14-May-18 A	30-May-18 A		0																												
	01170		Final Engineering	80	100%	07-Aug-18 A	15-Apr-19 A		0																												
	Construction			34	100%	16-Apr-19 A	31-May-19 A		0																												
	01015		UFLS Work Start	0	100%	16-Apr-19 A			0																												
	01025		UFLS Work Finish	0	100%		31-May-19 A		0																												
	01020		UFLS Work	34	100%	16-Apr-19 A	31-May-19 A		0																												
	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																												
	01050		Final Engineering / Designs	34	100%	17-Dec-18 A	05-Feb-19 A		0																												
	01045		Structural Engineering / Design	100	100%	04-Sep-18 A	05-Feb-19 A		0																												
	01040		Civil Engineering / Design	47	100%	03-Dec-18 A	05-Feb-19 A		0																												
	01035		Electrical Engineering / Design	66	100%	18-Sep-18 A	05-Feb-19 A		0																												
	01060		Qualitiy Assurance Review	23	100%	06-Feb-19 A	08-Mar-19 A		0																												
	01255		Issue Structural Steel Package to CDM (SAP# 902306533)	0	100%		28-Mar-19 A		0																												
	01070		QACorrections	25	100%	11-Mar-19 A	10-Apr-19 A		0																												
	01065		Issue Completed Package to CDM	0	100%		10-Apr-19 A		0																												
	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																												
	01085		Issue PO for Circuit Breaker	0	100%		03-Dec-18 A		0																												
	01115		CB Delivered	0	100%		30-Aug-19 A		0																												
	01110		Procurement / Material Delivery	125	100%	03-Dec-18 A	30-Aug-19 A		0																												
	Construction			177	100%	03-Jun-19 A	17-Jan-20 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 14 of 17														TASK filter: Not Level Of Effort.										© Oracle Corporation	

SERC Baseline Project Master Schedule (w/ARB Jun Sched) CEC/SCE				WBS Summary					10-Jul-20 17:01																			
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020								2021								2022				
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
01270	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																				
	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																				
	01075	Built and Test Position 11	45	100%	19-Nov-19 A	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																				
	01125	Issue Completed Package to CDM	0	100%		10-Apr-19 A		0																				
	01120	Quality Assurance & QA Corrections	51	100%	06-Feb-19 A	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																				
	01140	Construction Start	0	100%	29-Oct-19 A			0																				
	01145	Construction Duration	60	100%	29-Oct-19 A	24-Feb-20 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																					

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-Jul-20 17:01																									
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	2020												2021												2022	
								May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb				
BESS-2000	Underground Utilities	4	100%	01-Apr-20 A	28-Apr-20 A		0																										
BESS-2005	Transformer Pad - Ground Floor	6	100%	30-Apr-20 A	12-May-20 A		0																										
BESS-2006	HPSU Pad	10	100%	29-Apr-20 A	12-May-20 A		0																										
BESS-2121	Sleeper Pads	6	100%	12-May-20 A	22-May-20 A		0																										
BESS-2122	Switchgear Pads	8	100%	12-May-20 A	22-May-20 A		0																										
BESS-2030	BESS Equipment Delivered To Site	8	87.5%	12-May-20 A	02-Jun-20	201	0																										
BESS-2020	Equipment Installation (Ground Floor)	12	91.67%	12-May-20 A	02-Jun-20	200	0																										
BESS-2123	Transformer Pad - Containment Curb	5	0%	31-May-20	04-Jun-20	358	-24																										
BESS-2125	Deliver & Assemble Equipment (Top Floor)	2	0%	05-Jun-20	15-Jun-20	296	3																										
BESS-2025	13.8KV Cable Tray To Main GSU	3	0%	03-Jun-20	30-Jun-20	199	-1																										
BESS-2035	Electrical Wiring (Ground Floor)	16	0%	03-Jun-20	01-Jul-20	199	-1																										
BESS-2124	Above Ground Electrical	10	0%	20-May-20 A	08-Jul-20	197	-14																										
BESS-2015	Second Floor Construction	8	0%	19-May-20 A	17-Jul-20	277	-18																										
BESS-2040	BESS Testing & Commissioning	16	0%	07-Jul-20	29-Jul-20	197	-2																										
BESS-2050	EGT Testing & Commissioning	10	0%	29-Jul-20	17-Aug-20	197	-10																										
BESS-2060	BESS COD (For RAPA)	0	0%	18-Aug-20		197	-10																										
BESS-2080	EGT Comissioning and Trial Test Runs	4	0%	18-Aug-20	20-Aug-20	197	-10																										
BESS-2090	EGT Substantial Completion Target (COD)	0	0%	20-Aug-20		197	-10																										
BESS-2100	O&M Staff Training By GE	4	0%	20-Aug-20	28-Aug-20	223	-10																										
BESS-2110	As Builts	4	0%	20-Aug-20	22-Oct-20	223	-32																										
BESS-2120	Final Completion Target	0	0%	22-Oct-20		223	-32																										
<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></div> Milestone</div>			Page 17 of 17					TASK filter: Not Level Of Effort.																									
								© Oracle Corporation																									

Attachment 2 – COM-5 Compliance Matrix

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)																				
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	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager			
6	AQ	AQ-A1.a		Monthly Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOx). See Decision AQ-A1 also for rules regarding the for commencement of operation. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.	The turbine shall not commence with normal operation until the commissioning process has been completed. Normal operation commences when the turbine is able to supply electrical energy to the power grid as required under contract with the relevant entities. The SCAQMD shall be notified in writing once the commissioning process for each turbine is completed.	The SCAQMD shall be notified in writing once the commissioning process for each turbine is completed.	When commissioning is complete	7/2/2020	NA	In Progress				SCAQMD	5/25/20 (Unit 2)			SERC	DSR		
7	AQ	AQ-A1.b	COM/OPS	Monthly Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOx). See Decision AQ-A1 also for rules regarding the for commencement of operation. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.	The project owner shall provide emissions summary data in compliance with his condition as part of the Quarterly Operation Reports (AQ-SC7).	The project owner shall provide emissions summary data in compliance with his condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days following the end of each calendar quarter	Quarterly		Not Started				SCAQMD				SERC	DSR		
8	AQ	AQ-A2	OPS	Annual Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOx). See Decision AQ-A1 also for rules regarding the for commencement of operation. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.	The project owner shall maintain records to demonstrate compliance with this condition and shall make such records available to the SCAQMD Executive Officer upon request. The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD. The records shall include, but not be limited to, natural gas usage in a calendar month and automated monthly and annual calculated emissions. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002] [Devices subject to this condition: D1, D7]	Quarterly Operation Reports (AQ-SC7)	Annually, no later than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Not Started								SERC	DSR		
9	AQ	AQ-A2.a		Annual Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOx). See Decision AQ-A1 also for rules regarding the for commencement of operation. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.	The project owner shall maintain records to demonstrate compliance with this condition and shall make such records available to the SCAQMD Executive Officer upon request. The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD. The records shall include, but not be limited to, natural gas usage in a calendar month and automated monthly and annual calculated emissions. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002] [Devices subject to this condition: D1, D7]	N/A	N/A	N/A	NA	Not Started								SERC	DSR		
10	AQ	AQ-A3	COM/OPS	2.5 PPMV NOx Limit Averging -The 2.5 PPMV NOx emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen.  This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] [Devices subject to this condition: D1, D7]	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started								SERC	DSR		



	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)																				
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													
									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
6		AQ	AQ-A4	COM/OPS	4.0 PPMV CO Limit Averaging - The 4.0 PPMV CO emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen.  This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] [Devices subject to this condition: D1, D7]	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										
7																					
8		AQ	AQ-A5	COM/OPS	2.0 PPMV VOC Limit Averaging - The 2.0 PPMV VOC emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen.  This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] [Devices subject to this condition: D1, D7]	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started									SERC	DSR
9																					
10		AQ	AQ-A6	COM/OPS	25 PPMV Nox Limit Averaging - The 25 PPMV NOx emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen.  This limit shall not apply to turbine commissioning, startup, and shutdown periods. [40 CFR 60 Subpart KKKK, 7-6-2006] [Devices subject to this condition: D1, D7]	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started									SERC	DSR
11																					
12		AQ	AQ-A7	COM/OPS	Combustion Contaminant Emissions - For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time. [RULE 475, 10-8-1976; RULE 475, 8-7-1978] [Devices subject to this condition: D1, D7]	The project owner shall submit records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started									SERC	DSR
13																					
14		AQ	AQ-A8	COM/OPS	NH <sub>3</sub> Limit Averaging - The 5.0 PPMV NH <sub>3</sub> emission limit is averaged over one hour, dry basis, at 15 percent oxygen.  The project owner shall calculate and continuously record the NH <sub>3</sub> slip concentration  (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH <sub>3</sub> calculation equation.	The project owner shall install, calibrate, maintain, and the monitoring system according to a District-approved monitoring plan.	Monitoring Plan	Prior to the installation the project owner shall submit a monitoring plan to the CPM for review and approval.	4/16/2020	3/9/2020	Completed		4/29/2020							SERC	DSR
15																					
16		AQ	AQ-A8.a	COM/OPS	NH <sub>3</sub> Limit Averaging - The 5.0 PPMV NH <sub>3</sub> emission limit is averaged over one hour, dry basis, at 15 percent oxygen.  The project owner shall calculate and continuously record the NH <sub>3</sub> slip concentration  (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH <sub>3</sub> calculation equation.	Install, calibrate, maintain, and the monitoring system according to a District-approved monitoring plan.  The project owner shall include exceedances of the hourly ammonia slip limit and calibration reports as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started									SERC	DSR
17																					
18		AQ	AQ-A8.b	COM/OPS	NH <sub>3</sub> Limit Averaging - The 5.0 PPMV NH <sub>3</sub> emission limit is averaged over one hour, dry basis, at 15 percent oxygen.  The project owner shall calculate and continuously record the NH <sub>3</sub> slip concentration  (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH <sub>3</sub> calculation equation.	The project owner shall install and maintain a NOx analyzer to measure the SCR inlet NOx ppmv accurate to within plus or minus 5 percent calibrated at least once every 12 months. The project owner shall use the method described above or another alternative method approved by the Executive Officer.	Calibrate SCR inlet Nox analyzer	Once every 12 months	Annually		Not Started									SERC	DSR
19																					
20		AQ	AQ-A8.c	COM/OPS	NH <sub>3</sub> Limit Averaging - The 5.0 PPMV NH <sub>3</sub> emission limit is averaged over one hour, dry basis, at 15 percent oxygen.  The project owner shall calculate and continuously record the NH <sub>3</sub> slip concentration  (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH <sub>3</sub> calculation equation.	The ammonia slip calculation procedure shall be in effect no later than 90 days after initial startup of the turbine.	No Submittal requirement identified, Report in Quarterly report	The ammonia slip calculation procedure shall be in effect no later than 90 days after initial startup of the turbine	7/15/2020		Not Started									SERC	DSR
21																					
22		AQ	AQ-B1	COM/OPS	H <sub>2</sub> S Limit Averaging - Concentration limit is an annual average based on monthly samples of natural gas composition or gas supplier documentation.  The project owner shall not use natural gas containing the following specified compounds:  H <sub>2</sub> S > 0.25 Grains per 100 SCF	The project owner shall include documentation demonstrating compliance as part of the Quarterly Operation Reports (AQ-SC7).  The project owner shall make the site available for inspection of records by representatives of the District, AHS, and the Energy Commission.	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started									SERC	DSR
23																					

	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	AQ	AQ-C1	COM/OPS	Start-up Limitations - Owner shall limit the number of start-ups to no more than 124 in any one calendar month.	Provide records including a table documenting the type of startup, duration and date of occurrence.  Monthly Reports to be included in the Quarterly Operations Reports (AQ-SC7)	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started											
20	AQ	AQ-C2	COM/OPS	Shutdown Limitations - Owner shall limit the number of shutdowns to no more than 124 in any one calendar month.	Provide records including a table documenting each shutdown, and indicating the duration and date of occurrence.  Monthly reports to be included in Quarterly Operation Reports. (AQ-SC7)	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started									SERC	DSR	
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	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.	Submit test protocol to CPM for approval.	Notification to the CPM of the date and time of the test at least 10 days prior to the test.	Notify CPM of proposed date and time 10 days prior to test date.	10/3/2020		Not Started									SERC	DSR	
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.	10/3/2020	NA	Not Started					SCAQMD				SERC	DSR	
26	AQ	AQ-D2a	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SO <sub>x</sub> , VOC, and PM <sub>10</sub> at least once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	Revised protocol for the source tests	Submit revised protocol no later than 45 days before test date to the CPM	4/16/2023		Not Started									SERC	DSR	
27	AQ	AQ-D2b	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SO <sub>x</sub> , VOC, and PM <sub>10</sub> once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	Revised protocol for the source tests	Submit revised protocol no later than 45 days before test date to the District	4/16/2023	NA	Not Started					SCAQMD				SERC	DSR	
28	AQ	AQ-D2b	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SO <sub>x</sub> , VOC, and PM <sub>10</sub> once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	Revised protocol for the source tests	Submit revised protocol no later than 45 days before test date to the District	4/16/2023	NA	Not Started					SCAQMD				SERC	DSR	

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>											Pre-Construction						
2	<b>All Phases</b>							6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019			Based on Final Staff Assessment					Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager DSR
29	AQ	AQ-D2c	COM/OPS	<b>Operations Source Test</b> - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of date and time of test. See <b>Decision</b> for further test specifications.	Submit the source test results no later than 60 days following the source test date to both the District and CPM.	Source test results	No later than 60 days following the source test date.	6/15/2023		Not Started	NA							
30	AQ	AQ-D2d	COM/OPS	<b>Operations Source Test</b> - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of date and time of test. See <b>Decision</b> for further test specifications.	Submit the source test results no later than 60 days following the source test date to both the District and CPM.	Source test results	No later than 60 days following the source test date.	6/15/2023	NA	Not Started				SCAQMD				
31	AQ	AQ-D2e	COM/OPS	<b>Operations Source Test</b> - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of date and time of test. See <b>Decision</b> for further test specifications.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	<b>Notification to the CPM</b> of the date and time of the test at least 10 days prior to the test.	Notify CPM of proposed date and time <b>10 days prior to test date.</b>	10/3/2023		Not Started	NA						SERC	DSR
32	AQ	AQ-D2f	COM/OPS	<b>Operations Source Test</b> - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of date and time of test. See <b>Decision</b> for further test specifications.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	<b>Notification to the District</b> of the date and time of the test at least 10 days prior to the test.	Notify Air District of proposed date and time <b>10 days prior to test date.</b>	10/3/2023	NA	Not Started				SCAQMD			SERC	DSR
33	AQ	AQ-D3a	COM/OPS	<b>NH3 Source Test</b> - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of date and time of test. See <b>Decision</b> for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to CPM	8/29/2021		Not Started							SERC	DSR
34	AQ	AQ-D3b	COM/OPS	<b>NH3 Source Test</b> - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of date and time of test. See <b>Decision</b> for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to District	8/29/2021	NA	Not Started				SCAQMD			SERC	DSR
35	AQ	AQ-D3c	COM/OPS	<b>NH3 Source Test</b> - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of date and time of test. See <b>Decision</b> for further test specifications.	The project owner shall submit the source test results no later than 60 days following the source test date to both the District and CPM.	NH3 Slip test results	Submit results 60 days after the test to CPM	12/12/2021		Not Started	NA						SERC	DSR
36	AQ	AQ-D3d	COM/OPS	<b>NH3 Source Test</b> - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of date and time of test. See <b>Decision</b> for further test specifications.	The project owner shall submit the source test results no later than 60 days following the source test date to both the District and CPM.	NH3 Slip test results	Submit results 60 days after the test to District	12/12/2021	NA	Not Started				SCAQMD			SERC	DSR
37	AQ	AQ-D3e	COM/OPS	<b>NH3 Source Test</b> - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of date and time of test. See <b>Decision</b> for further test specifications.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	The SCAQMD shall be notified of the date and time of the test at least 10 days prior to the test.	The project owner shall notify the CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	10/3/2020		Not Started	NA						SERC	DSR
38	AQ	AQ-D3f	COM/OPS	<b>NH3 Source Test</b> - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of date and time of test. See <b>Decision</b> for further test specifications.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	The SCAQMD shall be notified of the date and time of the test at least 10 days prior to the test.	The project owner shall notify the District no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	10/3/2020	NA	Not Started				SCAQMD			SERC	DSR





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	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>											Pre-Construction						
2	<b>All Phases</b>							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 DSR
64	AQ	AQ-H2	COM/OPS	Nox CEMS requirements - The Nox CEMS shall comply with the requirements of conditions D82.2 (AQDS), H23.1 (AQ-H1), and H23.2 (AQ-H2). The project owner shall measure and record SO2 emissions by using the applicable procedures specified in appendix D to Part 75 for estimating hourly SO2 mass emissions, pursuant to §75.11(d)(2). The project owner shall measure and record CO2 emissions by following the procedures in appendix G to Part 75 for estimating daily CO2 mass emissions, pursuant to §75.10(a)(3)(i) and §75.13(b). [40 CFR 75-Acid Rain CEM, 3-18-2012] [Devices subject to this condition: D1, D7]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing	NA	Not Started								
65	AQ	AQ-H3	COM/OPS	See Decision for rules for additional requirements Refrigerants Requirements - The equipment is subject to the applicable requirements of District Rule 1415. [Devices subject to this condition: E15]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing	NA	Not Started							SERC	DSR
66	AQ	AQ-H4	COM/OPS	Refrigerants Requirements - This equipment is subject to Rule 40 CFR 82, Subpart F. [Devices subject to this condition: E15]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing	NA	Not Started							SERC	DSR
67	AQ	AQ-K1	COM/OPS	Source Test Results - The owner must provide source test results to the District 90 days after testing. See the Decision for detailed requirements.	The project owner shall submit the source test results no later than 90 days following the source test date to both the District and CPM.	Source test results to CPM	No later than 90 days following the source test date	1/11/2021		Not Started	NA						SERC	DSR
68	AQ	AQ-K1a	COM/OPS	Source Test Results - The owner must provide source test results to the District 90 days after testing. See the Decision for detailed requirements.	The project owner shall submit the source test results no later than 90 days following the source test date to both the District and CPM.	Source test results to District	No later than 90 days following the source test date	1/11/2021	NA	Not Started				SCAQMD			SERC	DSR
69	AQ	AQ-K2	CONS/COM/OPS	The project owner shall keep records, in a manner approved by the district, for the following parameter(s) or item(s):  For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.  For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings. [RULE 3004(a)(4) - Periodic Monitoring, 12-12-1997] [Devices subject to this condition: E14]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing	NA	Not Started							SERC	TLB
70	AQ	AQ-SC1	PC	Air Quality Construction/Demolition Mitigation Manager (AQMMM) - The project owner shall designate and retain an on-site AQMMM who shall be responsible for directing and documenting compliance with AQ-SC3, AQ-SC4, and AQ-SC5 for the entire project site and linear facility construction.	Project owner shall submit to the CPM for approval, the name, resume, qualifications, and contact information for the on-site AQMMM and all AQMMM Delegates. The AQMMM and all delegates must be approved by the CPM and all AQMMM Delegates before the start of ground disturbance.	Resume of AQMMM & AQMMM Delegates	At least 60 days prior to ground disturbance	11/3/2018	11/1/2018 03/27/2019	Completed	11/6/2018 04/03/2019						SERC	GAL
71	AQ	AQ-SC2	PC	Air Quality Construction Mitigation Plan - The project owner shall provide an AQCMP for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with AQSC3, AQ-SC4, and AQ-SC5.	Submit the AQCMP to the CPM for approval and the South Coast Air Quality Management District (District). The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.	AQCMP	At least 60 days prior to ground disturbance, the project owner shall submit the AQCMP to the CPM	11/3/2018	11/1/2018	Completed	11/19/2018						SERC	GAL

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	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>											Pre-Construction						
2	<b>All Phases</b>							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
95	BIO	BIO-6c	PC/CONS	<b>Modifying the BRMIMP</b> - 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								
96	BIO	BIO-6d	CONS	<b>BRMIMP Monthly Compliance Report</b> - See BIO-6a. Implementation of BRMIMP measures shall be reported in the monthly compliance reports by the Designated Biologist (i.e., survey results, construction activities that were monitored, species observed).	Document compliance in MCR	MCR	Monthly	Monthly		In Progress							SERC	GAL
97	BIO	BIO-6e	CONS	<b>BRMIMP Construction Closure Report</b> - See BIO-6a. Provide a written Construction Closure Report identifying which items of the BRMIMP have been completed, a summary of all modifications to the mitigation measure made during the project's site mobilization, and ground disturbance, grading, and construction phases, and which mitigation and monitoring items are still outstanding.	Submit Construction Closure Report to CPM	Construction Closure Report	Within 30 days of construction completion	8/1/2020		Not Started							JACOBS	GAL
98	BIO	BIO-7a	CONS	<b>General Impact Avoidance and Mitigation Measures</b> - Implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See <b>Decision</b> for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.	MCR	Monthly	Monthly		In Progress							SERC	GAL
99	BIO	BIO-7b	CONS	<b>General Impact Avoidance and Mitigation Measures</b> - Implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See <b>Decision</b> for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.	Construction Closure Report (See BIO-6c)	Within 30 days of the completion of construction (CCR), implementation of measures ongoing during construction.	8/1/2020		Not Started							JACOBS	GAL
100	BIO	BIO-8a1	PC/CONS	<b>Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds - Field Notes</b> - Pre-construction nest surveys shall be conducted if construction work will occur from February 15 through August 31. The term "work" shall be defined as all site assessment, pre-construction activities, site mobilization, and ground disturbing construction activities. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following guidelines: (See <b>Decision</b> for 8 specific guideline items - the following is a brief summary). These include survey within 500 feet of the project boundary. Two pre-construction surveys, separated by a 10-day interval. Conduct surveys no more than 14 days before construction start. One survey within 3 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.	Notify to the CPM, CDFW, and USFWS at least 2 weeks prior to initiating surveys; notification shall include the name and resume of the biologist(s) conducting the surveys and the timing of the surveys.	Provide field notes to CPM and CDFW within 24 hours of survey.	Notify CPM, CDFW, and USFWS 2 weeks before survey.	2/1/2019 or 2/4/2019 5/8/2019 5/22/2019 For Gas Line: 7/31/19	1/22/2019 2/4/2019 7/3/2019 7/3/2019 7/9/2019 8/7/2019 8/21/2019	In Progress	7/3/2019 7/11/2019 8/23/2019			CDFW, USFWS	1/22/2019		JACOBS	GAL
101	BIO	BIO-8a2	CONS	<b>Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds - Field Notes</b> - Pre-construction nest surveys shall be conducted if construction work will occur from February 15 through August 31. The term "work" shall be defined as all site assessment, pre-construction activities, site mobilization, and ground disturbing construction activities. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following guidelines: (See <b>Decision</b> for 8 specific guideline items - the following is a brief summary). These include survey within 500 feet of the project boundary. Two pre-construction surveys, separated by a 10-day interval. Conduct surveys no more than 14 days before construction start. Once survey within 3 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.	Notify to the CPM, CDFW, and USFWS at least 2 weeks prior to initiating surveys; notification shall include the name and resume of the biologist(s) conducting the surveys and the timing of the surveys.	Provide field notes to CPM and CDFW within 24 hours of survey.	Provide field notes within 24 hours of survey	1/21/2019 2/3/2019 2/4/2019 2/11/2019 For Gas Line: 8/19/19	1/22/2019 2/1/2019 5/7/19	Completed	NA			CDFW, USFWS			JACOBS	GAL
102	BIO	BIO-8b	CONS	<b>Preconstruction Nest Survey Letter Report</b> - (See <b>Decision</b> BIO-8a for specific guideline items)	Letter-report to CPM, CDFW, and USFWS describing the findings of the preconstruction nest surveys	Letter report of preconstruction survey findings	Prior to the start of pre-construction mobilization	1/22/2019, 2/2/2019, 2/5/2019 (optional) 2/12/2019 For Gas Line: 8/19/2019	1/28/2019 2/8/2019 2/27/2019 8/16/19	In Progress	NA			CDFW, USFWS	Gas Line: 5/7/19		JACOBS	GAL

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2	<b>All Phases</b>							6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final Staff Assessment						Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
103	BIO	BIO-8c	CONS	Implementation of Nest Surveys and Inclusion in BRMIMP - (See Decision BIO-8a for specific guideline items)	All impact avoidance and minimization measures related to nesting birds shall be included in the BRMIMP and implemented.	Revised BRMIMP (BIO-6)	After pre-construction nesting surveys	Ongoing	5/7/2019	Completed	NA						JACOBS	GAL
104	BIO	BIO-8d	CONS	Monthly Reporting for Preconstruction Nest Surveys - (See Decision BIO-8 for 8 specific guideline items)	Implementation of the measures shall be reported in the MCRs by the Designated Biologist.	MCR	Monthly	Monthly		In Progress							JACOBS	GAL
105	BIO	BIO-9a	CONS	Jack and Bore Drilling Best Management Practices - During construction using jack and bore drilling techniques the Designated Biologist or Biological Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to monitor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including but not limited to: (See Decision for 6 items)	Notify the CPM and CDFW in the event of a frac-out, non-compliance, or halt of jack-and-bore operations.	Notification of a frac-out to CPM and CDFW	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional	9/13/2019	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	12/18/2018	NA	Completed							SERC	TAT
109	CIVIL	CIVIL-1c	PC	Construction Stormwater Pollution Prevention Plan - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Construction Stormwater Pollution Prevention Plan	At least 15 days prior to the start of site grading	12/18/2018	NA	Completed		1/7/2019	2/6/2019				SERC	TAT
110	CIVIL	CIVIL-1d	PC	Related Calculations and Specs Stamped by Civil Engineer - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Related Calculations and Specs Signed and Stamped by Responsible Civil Engineer	At least 15 days prior to the start of site grading; and notify CPM in MCR following the CBO's approval	12/18/2018	NA	Completed		1-1: 1/17/2019 1-2: 1/18/19	1-1: 2/8/19 (conditional) 1-2: 2/8/19				SERC	TAT
111	CIVIL	CIVIL-1e	PC	Soils, Geotechnical, or Foundation Reports - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Soil, Geotechnical, or Foundation Investigation Reports required by the 2016 CBC	At least 15 days prior to the start of site grading	12/18/2018	NA	Completed		Ongoing	2/8/2019				SERC	TAT
112	CIVIL	CIVIL-1f	PC	Approval of all CIVIL 1a Submittals Noted in MCR - See CIVIL-1a	Statement in the MCR certifying that the documents (CIVIL-1a) have been approved by the CBO.	MCR	Next MCR after approval by CBO	3/13/2019	3/13/2019	Completed	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 ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions.	Submit modified plans, specifications, and calculations to CBO	when unforeseen adverse soil or geologic conditions are identified by RE	Conditional	NA	Not Started	Conditional						SERC	GAL

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>											Pre-Construction						
2	<b>All Phases</b>							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	SERC Project Manager GAL
114	CIVIL	CIVIL-2b	CONS	<b>Adverse Soil/Geologic Conditions</b> - 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	<b>Adverse Soil/Geologic Conditions</b> - 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	<b>Inspections and Discrepancy Reporting</b> - 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	<b>Inspections and Discrepancy Reporting</b> - 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	<b>Inspections and Discrepancy Reporting</b> - 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	<b>Inspections and Discrepancy Reporting</b> - 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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	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>											Pre-Construction						
2	<b>All Phases</b>							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 DSR
127	COM	COM-12b	COM/OPS	<b>Emergency Response Site Contingency Plan</b> - 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	<b>Incident-Reporting Requirements</b> - 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	<b>Incident-Reporting Requirements</b> - 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	<b>Non-Operation and Repair/Restoration Plan</b> -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	<b>Facility Closure Planning</b> -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	<b>Compliance Record</b> - 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	<b>Compliance Verification Submittals</b> - 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





	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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4				Revised 4/30/2019		Based on Final Staff Assessment									Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	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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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	
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	7/3/2020		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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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 CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party JACOBS	SERC Project Manager GAL
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	
191																		



	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
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	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	<b>Electrical Systems Design Plans and Specifications</b> - 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 <b>Decision</b> 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	<b>Certificate of Occupancy</b> - 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 <b>Decision</b> 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	8/1/2020		Not started	NA						POWER	TAT
194	GEN	GEN-1b	CONS/COM	<b>Certificate of Occupancy</b> - 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 <b>Decision</b> 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	8/1/2020		Not Started	NA						SERC	GAL





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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						
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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				
226	HAZ	HAZ-2ab	CONS	Final HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	At least 30 days prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of a final HMBP and SPCC to the CPM for approval.	HMBP and SPCC to OCEHD for review	At least 30 days before receiving hazardous materials on site	7/29/2019	9/27/2019	Completed	10/14/2019	2-1.1 8/6/19 2-3 PC1 8/6/19 2-3 9/26/19 1-1.0 8/6/19 PC1 2-3.0 8/6/19 PC1	2-1.1 9/4/19 2-3 PC1 9/4/19 2-3 10/15/19 1-1.0 10/16/19									
227	HAZ	HAZ-2ac	CONS	Final HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	At least 30 days prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of a final HMBP and SPCC to the CPM for approval.	HMBP and SPCC to OCEHD for review	At least 30 days before receiving hazardous materials on site	7/29/2019	NA	Completed				OCEHD	9/24/2019	7-Nov						
228	HAZ	HAZ-2b	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to Certified Unified Program Agency (the Orange County Environmental Health Division)	At least 30 days before delivery of aqueous ammonia on site	7/29/2019	10/25/2019	Completed	11/12/2019						SERC	DSR				
229	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to CPM for approval	At least 30 days before delivery of aqueous ammonia on site	10/20/2019	NA	Completed		10/24/2019	10/16/2019				SERC	DSR				
230	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to CUPA for information	At least 30 days before delivery of aqueous ammonia on site	10/20/2019	NA	Completed				OCEHD	10/24/2019	7-Nov						
231	HAZ	HAZ-3	CONS/COM	Aqueous Ammonia Safety Management Plan - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain lockout control by a power plant employee not involved in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	Safety Management Plan to CPM	At least 30 days before delivery of any liquid hazardous material to the facility	10/20/2019	9/27/2019	Completed	10/10/2019						SERC	DSR				

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3												Commissioning						
4												Operations						
5				<b>Revised 4/30/2019</b>			<b>Based on Final Staff Assessment</b>											
	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
232	HAZ	HAZ-3a	CONS/COM	<b>Aqueous Ammonia Safety Management Plan</b> - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain lockout control by a power plant employee not involved in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	Safety Management Plan to CBO	At least 30 days before delivery of any liquid hazardous material to the facility	9/1/2019	NA	Completed		9/30/2019	10/15/2019					
233	HAZ	HAZ-4	CONS	<b>Ammonia Storage Tank Design</b> - The aqueous ammonia storage facility shall be designed to the ASME Code for Unfired Pressure Vessels, Section VIII, Division 1. The storage tank shall be protected by a secondary containment that drains to an underground vault via (3) 1.25 square foot openings capable of holding precipitation from a 24-hour, 25-year storm event plus 100 percent of the capacity of the largest tank within its boundary. The storage tank shall have ammonia detectors positioned to detect an ammonia leak or loss of containment. The final design drawings and specifications for the ammonia storage tank, secondary containment basin, and underground vault shall be submitted to the CPM.	The project owner shall submit final design drawings and specifications for the ammonia storage tank, ammonia pumps, ammonia detectors around the ammonia storage tank, secondary containment basin, and underground vault to the CPM for review and approval (copy CBO)	Final design drawings for the ammonia storage and transfer facility	At least 30 days before construction of the ammonia storage and transfer facility	10/20/2019	3/15/2019 4/29/2019 (CBO approval transmitted to CPM)	Completed	4/30/2019	3/14/2019 (reference only)	4/29/2019				POWER	GAL
234	HAZ	HAZ-5	CONS	<b>Transport Vehicle Specifications</b> - The project owner shall direct all vendors delivering aqueous ammonia to the site to use only tanker truck transport vehicles that meet or exceed the specifications of MC-307/DOT-407.	The project owner shall submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	Copies of notification letter to supply vendors	At least 30 days prior to receipt of aqueous ammonia on site	10/20/2019	8/7/2019 9/30/19	Completed	10/8/2019						SERC	GAL
235	HAZ	HAZ-6a	CONS	<b>HazMat Transport Route Restrictions</b> - Prior to initial delivery, the project owner shall direct vendors delivering bulk quantities (>800 gallons per delivery) of hazardous material (e.g., aqueous ammonia, lubricating and insulating oils) to the site to use only the route approved by the CPM (from State Route 91, exiting on Beach Boulevard and traveling south to Katella Avenue, then east on Katella Avenue and turn left and head north on Dale Avenue to the Stanton entrance). The project owner shall obtain approval of the CPM if an alternate route is desired.	The project owner shall submit a copy of the letter containing route restriction directions that were provided to the hazardous materials vendor to the CPM for review and approval.	Copy of the letter containing route restriction directions for hazardous materials vendor.	At least 60 days prior to initial receipt of bulk quantities (>800 gallons per delivery) of hazardous materials (e.g., aqueous ammonia, lubricating and insulating oils)	10/20/2019	8/7/2019 9/30/2019	Completed	8/22/2019 10/8/19	8/22/2019	8/30/2019	GE Prolec Hill Bro AirGas	8/7/2019 9/30/2019 9/30/2019	8/7/2019	SERC	GAL
236	HAZ	HAZ-6b	CONS/OPS	<b>Route Restrictions, New Vendor</b> - See HAZ-6a	The project owner shall submit a copy of the letter containing the route restriction directions that were provided to <b>any new designated hazardous materials vendor</b> to the CPM for review and approval.	Copy of the letter containing route restriction directions for the <b>new hazardous materials vendor</b> .	At least 10 days prior to a new vendor delivery of bulk quantities (>800 gallons per delivery)	Conditional		Not Started		(Ref Only) Conditional					SERC	GAL
237	HAZ	HAZ-7	PC	<b>Construction Site Security Plan</b> - Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. (See Decision HAZ-7 of six items/specifications).	At least 30 days prior to commencing construction, notify the CPM that a site-specific Construction Security Plan is available for review and approval.	Site-specific Construction Security Plan	At least 30 days prior to commencing construction	12/3/2018	11/20/2018	Completed	1/25/2019	1/21/2019	1/28/2019				SERC	GAL



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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	12/31/2020		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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255	NOISE	NOISE-4b	COM/OPS	Noise Survey Summary Report - See NOISE-4a	Prepare a summary report of the operational noise survey for submittal to the CPM. Included in the survey report shall be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures.	Summary report of the operational noise survey to the CPM	Within 15 days after the survey	8/1/2020		Not Started								
256	NOISE	NOISE-4c	COM/OPS	Revised Noise Survey Summary - See NOISE-4a	When the additional mitigation measures are implemented and in place, the project owner shall repeat and prepare a new summary report of the new survey.	Summary report of the new noise survey	Within 15 days of completing a new survey	Conditional	NA	Not Started							Innova	DSR
257	NOISE	NOISE-5	COM/OPS	Occupational Noise Survey - Following the project's attainment of a sustained output of 85 percent or greater of its rated capacity, the project owner shall conduct an occupational noise survey to identify any noise hazardous areas within the power plant. The survey shall be conducted by a qualified person in accordance with the provisions of Title 8, California Code of Regulations, Sections 5095-5099 (Article 105) and Title 29, Code of Federal Regulations, Section 1910.95. The survey results shall be used to determine the magnitude of employee noise exposure. (See Decision NOISE-5 for further information).	The project owner shall submit the noise survey report to the CPM. The project owner shall make the report available to OSHA and Cal-OSHA upon request from OSHA and Cal-OSHA.	Submit to the CPM a summary report of the new noise survey	Within 30 days after completing the new survey	7/17/2020		Not Started		(Ref Only)					Innova	DSR
258	NOISE	NOISE-6	PC	Construction Noise Restrictions - Heavy equipment operation and noisy construction work, including pile driving, shall be restricted to the times delineated in this condition (See Decision NOISE-6). Construction work shall be performed in a manner to ensure excessive noise (noise that draws a project-related complaint) is prohibited and the potential for noise complaints is reduced as much as practicable. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers and other state-required noise attenuation devices. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use (jake braking) shall be limited to emergencies.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction work associated with this project.	Statement acknowledging restrictions	Prior to ground disturbance	1/1/2019	11/26/2018	Completed	1/3/2019	1/22/2019 (Ref Only)	1/24/2019				SERC	GAL
259	NOISE	NOISE-7a	CONS	Pile Driving Technique - The project owner shall perform pile driving in a manner to reduce the potential for any project-related noise and vibration complaints. The project owner shall notify the residents in the vicinity of pile driving prior to start of pile driving activities.	The project owner shall submit to the CPM a description of the pile driving technique to be employed, including calculations showing its projected noise impacts at monitoring location LTL.	Description of the pile driving technique to be used	At least 15 days prior to first pile driving	Conditional		Not Started		(Ref Only) Conditional					SERC	GAF
260	NOISE	NOISE-7b	CONS	Notify Residents, Pile Driving - See NOISE-7a	The project owner shall notify the residents within one mile of the pile driving. In this notification, the project owner shall state that it will perform this activity in a manner to reduce the potential for any project-related noise and vibration complaints as much as practicable. The project owner shall submit a copy of this notification to the CPM prior to the start of pile driving.	Notification to residents within one mile of the project with copy to CPM	At least 10 days prior to first pile driving	Conditional		Not Started	NA	(Ref Only) Conditional					JACOBS	GAL
261	PAL	PAL-1a	PC	Paleontological Resources Specialist - Provide the CPM with the resume and qualifications of the PRS for review and approval. The PRS and Paleontological Resource Specialist (PRS) shall meet the minimum qualifications described in this condition (See Decision PAL-1 for specifications).	At least 60 days prior to the start of ground disturbance, submit a resume and statement of availability of its designated PRS for on-site work.	PRS Resume & Statement of Availability to CPM	At least 60 days prior to the start of ground disturbance	11/3/2018	10/18/2018	Completed	10/18/2018						JACOBS	GAL
262	PAL	PAL-1b	PC	Paleontological Resources Monitors - Ensure that the PRS obtains qualified Paleontological Resource Monitors (PRMs) to monitor as he or she deems necessary on the project. PRMs shall have the equivalent of the qualifications described in this condition (PAL-1).	At least 30 days prior to ground disturbance, provide a letter with resumes naming anticipated monitors, stating that the identified monitors meet the minimum qualifications for paleontological resource monitoring required by the condition.	PRM Resumes & Quals	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018 7/9/2019	Completed	11/9/2018						JACOBS	GAL

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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)																				
2	All Phases							6/30/2040							Pre-Construction						
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		SOCIO	SOCIO-1	PC	School Facility Development Fee - The project owner shall pay the current one-time statutory school facility development fee to the Magnolia Elementary School District and to the Anaheim Union High School District as authorized by Education Code Section 17620 and the Magnolia Elementary School District Board Policy BP 7211 Facilities: Developer Fees.	The project owner shall provide to the compliance project manager (CPM) proof that the delegate chief building official (DCBO) has calculated the assessable covered and enclosed space consistent with local practices and shall provide proof of payment of the development fees, based on the calculated space and current school development fees, to the Magnolia Elementary School District and to the Anaheim Union High School District.	Payment / Proof of payment of the development fees	At least 30 days prior to start of construction	12/3/2018	Date Submitted to CPM 12/3/2018	Completed	Date Approved by CPM 12/5/2018	Date Submitted to CBO 1/7/2019	Date Approved by CBO 1/10/2019		Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager GAL	
278																					
		S&W	SOIL & WATER-1a	PC	NPDES Construction Permit Requirements - The project owner shall manage storm water pollution from project construction activities by fulfilling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ, NPDES No. CAS000002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the project.	The project owner shall submit to the CPM proof that the construction permit was granted and that a waste discharge identification number (WDID) was issued by the State Water Resources Control Board (SWRCB).	Proof that construction permit was granted and a WDID was issued	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018	SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19					SERC	GAF	
279																					
		S&W	SOIL & WATER-1b	PC	NPDES Construction Permit Requirements-Storm Water Pollution Prevention Plan (SWPPP) - See SOIL & WATER 1a	Construction SWPPP to SWRQB	See S&W 1a	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018	SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19					SERC	GAF	
280																					
		S&W	SOIL & WATER-1c	PC/CONS	Correspondence with SARWQCB - See SOIL & WATER 1a	The project owner shall submit to the CPM any correspondence between the project owner and the SWRCB or the Santa Ana Regional Water Quality Control Board (SARWQCB) about the general NPDES permit for discharge of storm water associated with this activity. This information shall include the notice of intent, the notice of termination, and any updates to the construction SWPPP.	Correspondence between the owner and SARWQCB	Within ten (10) days of its mailing or receipt	Conditional		Not started		SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19					SERC	GAL	
281																					
		S&W	SOIL & WATER-2a	PC	Stormwater Management Plan/WQMP - The project owner shall comply with the Orange County Model Water Quality Management Plan (WQMP) requirements in accordance with Title 4, Division 13 and Title 9, Division 1, of the Orange County Code. The project owner shall provide a WQMP for post-construction storm water BMPs to Orange County for review and the CPM for review and approval. The project owner shall notify the CPM in writing of any reported non-compliance with the county requirements, including documentation of any measures taken to correct the noncompliance, and the results of those corrective measures. See Decision SOIL&WATER-2 for additional specifications.	The project owner shall provide a WQMP for post-construction storm water BMPs to the CPM and to the Orange County Public Works Department.	WQMP for post-construction stormwater BMPs	At least 120 days prior to site grading	9/14/2018	9/14/2018 (Rev3/19) 3/27/2019	Completed	9/14/2018	PC1:1/17/2019 PC2:2/17/19 PC3: 3/18/19 (Ref Only)	3/5/2019 3/27/2019					SERC	GAL	
282																					
		S&W	SOIL & WATER-2b	PC	Orange County Public Works Department Review of WQMP - See SOIL & WATER 2a	Obtain County review of the WQMP	Verification of the county's completed review of the WQMP	30 days before grading	12/3/2018	11/29/2018	Completed	12/1/2/18							SERC	GAF	
283																					
		S&W	SOIL & WATER-2c	PC/CONS	Correspondence with County Re: Stormwater - See SOIL & WATER 2a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the county regarding storm water management.	Copies of correspondence with the County regarding storm water management	Within 10 days of its mailing or receipt	Conditional		Not Started								SERC	GAL	
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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 (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	<b>Water Metering</b> - 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	12/31/2020		Not Started								
294	S&W	SOIL & WATER-6a	PC/CONS	<b>Sewer Connections</b> - 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	In Progress	5/16/2019	(Ref Only)					ARB	GAL
295	S&W	SOIL & WATER-6b	CONS/COM/OPS	<b>Sewer Connections</b> - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Fees paid to the city shall be reported in the ACR.	Annual Compliance Report	12/31/2020		Not Started		(Ref Only)					SERC	DSR
296	S&W	SOIL & WATER-6c	CONS/COM/OPS	<b>Sewer Connections</b> - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Monthly and annual summary of waste water discharge.	Annual Compliance Report	12/31/2020		Not Started		(Ref Only)					SERC	DSR
297	S&W	SOIL & WATER-7	PC/CONS	<b>Jack and Bore Permits</b> - 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 <b>Decision SOIL&amp;WATER 7</b> 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	<b>Bridge Encroachment Permits</b> - 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	<b>OCPWD Permit</b> - 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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4												Operations						
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	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
317	TRANS	TRANS-2a	PC	<b>Traffic Control Plan</b> - 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 <b>Decision</b> 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	<b>Traffic Control Plan</b> - 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 <b>Decision</b> 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	<b>Letters of Comment on TCP</b> - 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	<b>Final TCP to City</b> - 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	<b>Restoration of Public Roads, Easements, and Rights-of-Way</b> - 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			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	12/31/2020			Not started				(Ref Only) Annual					SERC	DSR	
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328	TRANS	TRANS-6a	PC	<b>Rail Crossing Safety Plan</b> - 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	<b>Rail Crossing Safety Plan</b> - 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	<b>Rail Crossing Safety Plan</b> - 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	<b>Final Rail Crossing Safety Plan</b> - 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	<b>Final Rail Crossing Safety Plan</b> - 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	<b>FAA Notification for Construction Equipment at or Exceeding 153 Feet AGL</b> - 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	<b>Pilot Notification and Awareness</b> - The project owner shall initiate the following actions to ensure pilots are aware of the project location and potential hazards to aviation. (See <b>Decision TRANS-8</b> 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	<b>Final Letters to FAA, LAAA, and FMA</b> - 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



	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															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	SERC Project Manager GAF	
343	TSE	TSE-3	CONS/COM/OPS	<b>Design, Construction, and Operation of Transmission Facilities</b> - 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 <b>Decision</b> 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	<b>Notice to CAISO</b> - 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	<b>Notice to CAISO</b> - 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	<b>As-Built Drawings</b> - 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 <b>Decision</b> 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							SERC	TLB	
347	TSE	TSE-Sb	COM/OPS	<b>As-Built Drawings</b> - 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 <b>Decision</b> 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	In Progress		6/18/2020							SERC	GAF	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)														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		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 GAF	
348	TSE	TSE-Sc	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	In Progress			6/18/2020								
349	TSE	TSE-Sd	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	In Progress			6/18/2020						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	3/11/2019 (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	6/27/2020		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 AGR. 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	12/31/2020		Not Started			(Ref Only) Annual						SERC	DSR	
354	VIS	VIS-2a	CONS	Screening Landscaping Plan - The project owner shall also submit to the CPM for review and approval, and simultaneously to the city of Stanton for review and comment, a detailed landscaping 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)		City of Stanton	4/23/2020	5/13/2020	SERC	GAL		

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>											Pre-Construction						
2	<b>All Phases</b>							6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final Staff Assessment						Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager 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						
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	4/3/2020		In Progress		(Ref Only)					ARB	GAF
357	VIS	VIS-2d	COM/OPS	Landscaping Ready for Inspection - See VIS-2a	The project owner shall simultaneously notify the CPM and the city of Stanton within seven days after completing installation of the landscaping, that the landscaping is ready for inspection.	Notification that landscape is ready for inspection	Within seven days of completing the landscaping	8/1/2020		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	12/31/2020		Not Started							SERC	DSR
359	VIS	VIS-3a	CONS	Site Lighting, Project Construction and Commissioning - Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of on-site construction areas, and construction worker parking lots, minimizes potential night lighting impacts. (See Decision VIS-3 for specifications).	The project owner shall notify the CPM that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Within seven calendar days after the first use of construction lighting	3/8/2019	3/4/2019	Completed	3/7/2019	(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	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															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? 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				
35	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		(Ref Only) Submit 6/4/2019										
36	VIS	VIS-4b	PC/CONS	Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See Decision VIS-4 for specifications).	The project owner shall submit the comprehensive Lighting Management Plan simultaneously to the Planning Director of the city of Stanton for review and comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Provide CPM with transmittal letter submitted to city and the Lighting Management Plan	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018	11/26/2018	Completed	11/27/2018	(Ref Only) Submit 6/4/2019						SERC	GAL			
36	VIS	VIS-4c	CONS/COM/OPS	Revised Lighting Plan - See VIS-4a	If the CPM determines that the plan requires revision, the project owner shall provide a plan with the specified revision(s) for review and approval by the CPM. A courtesy copy of the revised plan shall be provided to the Planning Director of the city of Stanton for review and comment and the CPM from review and approval. No work to implement the plan (e.g., purchasing of fixtures) shall begin until final plan approval is received from the CPM.	Revised Lighting Plan	No specific time frame	Conditional		Not started		(Ref Only) Conditional						POWER	GAL			
36	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	6/27/2020		Not Started	NA	(Ref Only)						SERC	GAL			
36	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			
367																						

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>											Pre-Construction						
2	<b>All Phases</b>							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	12/31/2020		Not Started		(Ref Only)					SERC	DSR
370	VIS	VIS-4h	COM/OPS	Pre-COD Inspection - Lighting System - See VIS-4a	Prior to COD, project owner shall notify CPM that installation of the lighting has been completed and is ready for inspection.	Notification to CPM	Prior to the start of commercial operation	6/27/2020		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

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>											Pre-Construction						
2	<b>All Phases</b>							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

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	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>											Pre-Construction						
2	<b>All Phases</b>							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	<b>Unauthorized Release Response</b> - 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	<b>Construction H&amp;S Program</b> - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See <b>Decision WORKER SAFETY-1</b> 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	<b>Construction H&amp;S Program</b> - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See <b>Decision WORKER SAFETY-1</b> 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	<b>Operations H&amp;S Program</b> - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See <b>Decision WORKER SAFETY-2</b> 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																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 Emergency Access Plan showing the secondary emergency access to the CPM for review and approval.	Emergency Access Plan	At least 60 days prior to the start of construction, or within a time frame approved by the CPM	12/6/2018	11/2/2018	Completed	11/15/2018	1/18/2019 (Ref Only)	1/18/2019					Jacobs	GAL			
402																						

	A	B	C	D	E	F	G	H	I	J	K	O	P	Q	R	S	T	U
1	<b>Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)</b>											Pre-Construction						
2	<b>All Phases</b>							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 Project Manager
403	WORKER SAFETY	WORKER SAFETY-6c	PC/CONS	<b>Emergency Access Plan, Revised</b> - See WORKERSAFETY-6a 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.	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			JACOBS	GAL
404	WORKER SAFETY	WORKER SAFETY-6d	PC/CONS	<b>Emergency Access Plan, Revised</b> - See WORKERSAFETY-6a 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.	If a change to the secondary access is proposed by the project owner, the project owner must submit the proposed change, with an updated Emergency Access Plan that shows the new proposed location/ arrangement for the secondary emergency access road, to the CPM for review and approval.	Emergency Access Plan showing the secondary emergency access road	91 days before a change to the secondary access would occur	Conditional		Not started							JACOBS	GAL
405	WORKER SAFETY	WORKER SAFETY-7a	PC/CONS	<b>Fire Protection System Specifications</b> - 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
406	WORKER SAFETY	WORKER SAFETY-7b	PC/CONS	<b>Fire Protection System Specifications</b> - The project owner shall adhere to all applicable provisions of the latest version of NFPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project owner shall interpret and adhere to all applicable NFPA 850 recommended provisions and actions stating "should" as "shall." In any situations where both NFPA 850 and the state or local LORS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NFPA 850. The project owner shall provide all fire protection system specifications and drawings to the CPM for review and approval	Fire protection system specifications and drawings to the CPM	At least 60 days prior to the start of construction of the fire protection system	12/6/2018	2/6/2019 4/22/2019 12/16/2019	In Progress							Power	GAL
407	WORKER SAFETY	WORKER SAFETY-7c	PC/CONS	<b>Fire Protection System Specifications</b> - 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		7-3.0: 2/4/19 7-3.0: 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	
408	WORKER SAFETY	WORKER SAFETY-8a	PC/CONS	<b>UL 9540 Certification</b> - 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

[illegible]



Attachment 3 – Air Quality

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**Subject**                **Stanton Energy Reliability Center (16-AFC-1C)**  
**Air Quality Monthly Compliance Report**  
**June 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**                 July 6, 2020

**Copies to**            Mike Malsy, Wellhead  
John Kimble, Wellhead  
Sharon Stureman, SERC, LLC  
Doug Davy, Jacobs  
Karen Parker, Jacobs

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This Monthly Compliance Report (MCR) summarizes the activities conducted at the Stanton Energy Reliability Center (SERC site) in June 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 June 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 <sup>a</sup>	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

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

## AQ-SC4 Dust Plume Response Requirement

AQ-SC4 requires that all construction activities be monitored for visible dust plumes. This condition also requires that additional dust mitigation measures be implemented if visible dust plumes that

have the potential to be transported off the project site and within 100 feet upwind of any regularly occupied structure are observed. AQ-SC4 requires that the MCR include the following:

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

Visible dust plumes with the potential to be transported offsite were not observed in June 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 June 2020 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN
Bobcat	Skidsteer/Loader S630	WX6G44
Cummins	C150D2RE-Generator	179923
Grove	GMK5275	RG7G54
Hyster	Forklift 15K H155FT	YW9L68
Hyster	H210HD 21K Forklift	RD6V74
JLG	JLG 8042	RX6V57
JLG	G518A 5K Forklift	TW9K96
JLG	Forklift 15K 1664	UY8S89
JLG	1255 12K Forklift	KT9X58
JLG Manufacturing	8K Reach Forklift JLG 8042L	XS3U35
JLG Manufacturing	600AJ Articulating Boom Lift	SM6N87
John Deere	310SK	WV6G36
Skyjack	ZB204420K Fork lift	KU6J94
SkyTrak	8042	CA7B63
SkyTrak	8042L	TE5J55
TADANO	Crane GR900XL	DH9V66



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 Grove 500-ton crane equipped with a Tier 3 engine was used for one day at the site during this reporting period. The equipment was identified as the necessary tool to efficiently perform the construction activities. A good faith effort was made to identify and procure higher tier equipment. The vendor's correspondence regarding the request for Tier 4 equipment indicated that a Tier 4 engine is not available for the requested equipment to meet the construction schedule. Documentation of the correspondence is included in Attachment B. Attachment B also contains the AQ-SC5 daily field checklists for off-road diesel engines used at site and letters from the equipment owners indicating the equipment has been properly maintained.

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

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy  
Date: 2020.06.24 07:41:48  
+07'00'

Date: 6/1/2020

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

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

ADDITIONAL NOTES:

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: 2020.06.24 07:42:43  
+07'00'

Date: 6/2/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.06.24 07:45:52  
+07'00'

Date: 6/3/2020

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	
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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: 2020.06.24 07:46:23  
+07'00'

Date: 6/4/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.06.24 07:46:50  
+07'00'

Date: 6/5/2020

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	
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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: 2020.06.24 07:47:19  
+07'00'

Date: 6/6/2020

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	
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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: 2020.06.24 07:47:52  
+07'00'

Date: 6/8/2020

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	
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Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
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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: 2020.06.24 07:48:23  
+07'00'

Date: 6/9/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.06.24 07:48:55  
+07'00'  
 Date: 6/10/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.06.24 07:49:48  
+07'00'

Date: 6/11/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.06.24 07:50:21  
+07'00'

Date: 6/12/2020

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	
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Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.06.24 07:50:42  
+07'00'

Date: 6/13/2020

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	
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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: 2020.06.24 07:51:32  
+07'00'

Date: 6/15/2020

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

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

ADDITIONAL NOTES:

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: 2020.06.24 07:52:26  
+07'00'

Date: 6/16/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.06.24 07:53:12  
+07'00'

Date: 6/17/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.06.24 07:54:08  
+07'00'

Date: 6/18/2020

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.06.24 07:54:37  
+07'00'

Date: 6/19/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.06.24 07:55:14  
+07'00'

Date: 6/20/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.06.24 07:55:39  
+07'00'

Date: 6/21/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.06.24 07:56:05  
+07'00'

Date: 6/22/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.06.24 07:56:50  
+07'00'

Date: 6/23/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.07.08 14:26:02  
+07'00'

Date: 6/24/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.07.08 14:26:27  
+07'00'

Date: 6/25/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.07.08 14:27:03  
+07'00'

Date: 6/26/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.07.08 14:27:31  
+07'00'

Date: 6/27/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.07.08 14:32:13  
+07'00'

Date: 6/28/2020

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? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).</b>	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: 2020.07.08 14:32:37  
+07'00'

Date: 6/29/2020

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

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

ADDITIONAL NOTES:

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: 2020.07.06 14:33:06  
+07'00'

Date: 6/30/2020

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

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

ADDITIONAL NOTES:

Month/Year		Sweeping Area (Check if swept)			Operator Signature	Comments
Date	Time	Onsite	Pacific	Fern		
06-01	9:00/1:45	✓	✓	✓	Gabriel Espinoza	
06-02	11:30/2:45	✓	✓	✓	Gabriel Espinoza	
06-03	8:30/1:00	✓	✓	✓	Gabriel Espinoza	
06-04	10:00/2:15	✓	✓	✓	Gabriel Espinoza	
06-05	6:45/1:30	✓	✓	✓	Gabriel Espinoza	
06-06	9:15/2:00	✓	✓	✓	Gabriel Espinoza	
06-07						off site
06-08	10:00/1:00	✓	✓	✓	Gabriel Espinoza	
06-09	11:30/2:30	✓	✓	✓	Gabriel Espinoza	
06-10	9:00/1:00	✓	✓	✓	Gabriel Espinoza	
06/11	8:15/2:30	✓	✓	✓	Gabriel Espinoza	
06/12	16:00/1:30	✓	✓	✓	Gabriel Espinoza	
06/13	8:30/2:00	✓	✓	✓	Gabriel Espinoza	
06/14						off site
06/15	9:00/1:45	✓	✓	✓	Gabriel Espinoza	
06/16	8:30/1:00	✓	✓	✓	Gabriel Espinoza	
06/17	8:00/1:45	✓	✓	✓	Gabriel Espinoza	
06/18	8:00/1	✓			GABRIEL ESPINOZA	
06/19	8:00	✓			GABRIEL ESPINOZA	
06/20	8:00	✓			GABRIEL ESPINOZA	

[illegible]



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

SERC Offroad Diesel Equipment Inventory June 2020

				Equipment						Engine										
<u>Date Arrived</u>	<u>Date Removed</u>	<u>CARB ID 6 digit (EIN)</u>	<u>SERC ID</u>	<u>Manufacturer</u>	<u>Model/Description</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Owner</u>	<u>Renter</u>	<u>Manufacturer</u>	<u>Engine Family</u>	<u>Engine Model</u>	<u>Displacement (L)</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Diesel (hp)</u>	<u>Tier</u>	<u>Engine Certification on File</u>	<u>Compliance Tag</u>	<u>Notes</u>
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	
2/20/2019	3/21/2019	NA	SERC_002	Multiquip	DCA70SSIU4F - Generator	2015	NA	United Rentals	ARB	Isuzu	JCEXL04.5AAJ	BR-4JJ1x	2.9	2015	74402993	95.2	T4	NA	Green tag issued 02/19/2019	EO not available. Tier 4 verified based in engine specs.
2/20/2019	10/2/2019	BX3T54	SERC_003	CASE	580 SN - BackHoe	2014	JJ6N585NLECT05659	D+S BACKHOE SERVICE	N/A	FPT INDUSTRIAL	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	Ortiz	CAT	ECPYL09.3HTF	C9.3	9.3	2014	SYE01292	303	4F	u-r-001-0479	Green tag issued 02/27/2019	
2/20/2019	5/20/2019	YSSA98	SERC_006	CAT	56S - 84" roller	2014	L8H00587	Ortiz	Ortiz	CAT	DPKXL04.4MI1	C4.4	NA	2013	C7N11131	156.9	4I	NA	Green tag issued 02/27/2019	on EPA NRCI data https://www.epa.gov/compliance-and-
2/25/2019	3/8/2019	YV7D79	SERC_007	Volvo	ECR2353I - Excavator	2017	310653	Lalonde	Ortiz	Deutz	GDZXL05.7053	D6J	5.702	2016	11974476	173	4	u-r-013-0523	Green tag issued 02/27/2019	
		AC5T48	SERC_008	Deere	710K - Backhoe	2015	1T0710KXEFE280027	Ortiz	Ortiz	John Deere Power Systems	EJDXL06.8210	6068HT079	NA	2014	PE6068R101462	130	4I	u-r-004-0487	Green tag issued 02/27/2019	
2/27/2019	5/6/2019	DL9A58	SERC_009	Link-Belt	490X4	2017	LBX490Q7NGHEX1139	Lalonde	Ortiz	Isuzu Motors Limited	GSZXL09.8QXA	6U21	NA	2016	527667	362	4	u-r-006-0421	Green tag issued 02/27/2019	
2/26/2019	3/1/2019	SK8574	SERC_010	CAT	450F - Backhoe	2016	HJR00594	Lalonde	Ortiz	Perkins Engine Company	EPKXL04.4MK1	C4.4	4.4	2014	C7N36796	127	4	u-r-022-0191	Green tag issued 02/27/2019	
2/27/2019	5/20/2019	JG9B74	SERC_011	John Deere	210L Skip Loader	2017	1T8210LXPHF894289	Ortiz	Ortiz	John Deere	HJDXL04.5315	404HT096	4.5	2017	PE4045U052929	93	4F	u-r-004-0537	Green tag issued 02/27/2019	
3/6/2019	3/19/2019	SF7A56	SERC_012	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	4I	u-r-022-0176-1	Green Tag issued on 3/7/2019	
3/12/2019	3/18/2019	RG5N99	SERC_013	CAT	966K Wheel Loader	2011	TF500270	Ortiz	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	YI4K66	SERC_014	JLG	Forklift - 54'	2014	160057617	Sunstate	ARB	Cummins	DCEXL04.5AAE	QSB\$.5	4.5	2014	73617640	130	4I	u-r-002-0586	Green Tag issued on 3/22/2019	
3/21/2019	8/30/2019	KT3V94	SERC_015	Genie	Forklift - Varialbe Reach	2014	BR2596	United Rentals	Newtron	Deutz	EDZXL02.9020	TD2.9L4	2.9	2014	11731188	74	4	u-r-013-0472-1	Green Tag issued on 3/22/2019	
3/22/2019	11/10/2019	SF7A56	SERC_016	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	4I	u-r-022-0176-1	Green Tag issued on 3/22/2019	Formerly SERC_012 (was removed on 3/19 for repairs and returned on 3/22)
3/28/2019	4/25/2019	LG4L96	SERC_017	Genie	Aerial Lift	2001	50845	United Rentals	Newtron	Deutz AG	DDZXL02.9021	D2.9L4	2.925	2014	11511469	49	T4	u-r-013-0443	Green Tag Issued on 4/1/2019	
4/5/2019	12/11/2019	JW5N58	SERC_018	Genie	5K Reach Fork	2015	10366180	United Rentals	Newtron	Deutz AG	FDZXL02.9020	TD2.9L4	2.9	2015	h	74	4	u-r-013-0496	Green Tag issued on 4/11/2019	
4/10/2019	4/23/2019	BG8T73	SERC_019	John Deere	JD650JLTDozer	2009	T0650JX172684	Savala Equipment Rentals	Ortiz	John Deere	8JDXL06.8105	4045HT057		2008	PE4045U068083	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	JJGN585NKEC705265	Tom's Back Hoe	ARB	FPT	FFPX L03.4ADD	F5HFL413C*A	3.4	2014	000189488	97	4	u-r-015-0259-1	Green Tag Issued 7/26/2019	Removed from on date green tag was issued.
8/7/2019	12/27/2019	VT6H48	SERC_027	Xtreme Manufacturing	XR2045 Forklift	2018	XR2045-11-18039329	Ellis	ARB	Deutz AG	HDZXL03.6060	TCD 3.6 L4	3.621	2017	12103041	134	4	u-r-013-0536	Green Tag Issued 8/13/2019	
8/14/2019	8/27/2019	RS6W99	SERC_28	Cummins	6K Reach Forklift	2014	10362305	United Rentals	Newtron	Cummins	ECEXL06.7AAH	QSB3.s	6.7	2014	68619362	129	4I	u-r-002-0006-1	Blue Tag Issued 8/14/2019	Removed from Site 8/27/2019. Green tag not issued
8/27/2019	12/11/2019	RV7M68	SERC_29	JCB	507-42	2016	2435467	United Rentals	Newtron	JCB Power Systems	GJCBL04.4TA5	444TA4-55L1	4.4	2016	SL320/40925U0865716	74	4	u-r-049-0042	Green Tag Issued 9/5/2019	
8/28/2019	12/17/2019	LR7P73	SERC_30	JLG	60' Boom Lift	2018	10755669	United Rentals	Newtron	Deutz Corp	JDZXL02.9020	TD 2.9 L4	2.9	2018	12147294	67	4	u-r-013-0553	Green Tag Issued 9/5/2019	
9/2/2019	11/21/2019	TX5P83	SERC_31	Manitowoc	Manitowoc 999	2002	9991103	Maxim Crane Works	ARB	Cummins	2CEXL0661AAF	QSM11	11	2008	35055789	350	2	u-r-002-0144	Green Tag Issued 9/5/2019	Tier relief requested. CEC received notification from Hong Zhuang (AQCOMM) on 9/3/2019.
9/10/2019	5/1/2020	HN6U33	SERC_032	JLG	6042 T4F 6K Reach Forklift	2016	160073851	United Rentals	Newtron	Cummns	FCEXL03.8AAA	QSF3.8	3.8	2015	89276073	89	4	U-R-002-0620	Green Tag Issued 9/12/2019	
9/13/2019	9/18/2019	166565	SERC_033	Catapillar	XQ200 Generator	2014	CAT00C71KMRP00571	Quinn Power	MSTS	Catapillar	DPKXL7.01BL1	C7.1	7.01	2014	E7800723		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	QSB6.7	6.7	2016	74026109	275	4	u-r-002-0639	Green Tag Issued 10/01/2019	
10/8/2019	2/24/2020	NL7M56	SERC_036	JLG	600AJ Articulating Boom Lift	2014	10281594	United Rentals	ARB	DEUTZ	EDZXL02.9020	TD2.9L4	2.19	2014	11598545	67	4	U-R-013-0472	Green Tag Issued 10/22/2019	
10/25/2019	11/4/2019	SG9H76	SERC_037	JLG	860SJ 85' Boom lift	2017	300233300	Sunstate Rentals	ARB	Deutz	HDZXL02.9020	TD2.94L	2.925	2017	12033372	67	4	u-r-013-0527	Green Tag Issued 10/31/2019	
11/4/2019	4/28/2020	DA7T55	SERC_038	CAT	308E2 Excavator	2014	FXJ01664	ARB	ARB	Kubota	EKBXL03.3EKD	C3.3B	3.3	2014	8EE2909	65	4	u-r-025-0614	Green Tag issued 11/21/2019	

SERC Offroad Diesel Equipment Inventory June 2020

				Equipment						Engine										
<u>Date Arrived</u>	<u>Date Removed</u>	<u>CARB ID 6 digit (EIN)</u>	<u>SERC ID</u>	<u>Manufacturer</u>	<u>Model/Description</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Owner</u>	<u>Renter</u>	<u>Manufacturer</u>	<u>Engine Family</u>	<u>Engine Model</u>	<u>Displacement (L)</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Diesel (hp)</u>	<u>Tier</u>	<u>Engine Certification on File</u>	<u>Compliance Tag</u>	<u>Notes</u>
11/4/2019	3/5/2020	XM8N56	SERC_039	JLG	Boom Lift	2016	300216443	SunState	ARB	Deutz	GDZXL02.9020	TD2.9L4	2.92	2016	11867769	67	4	u-r-013-0506	Green Tag issued 11/21/2019	
11/19/2019	12/2/2019	JX4T34	SERC_040	CAT	259D Skid Steer loader	2019	FTL20141	Quinn Heavy Rents	ARB	Kubota	JBKXL03.3EKD	C3.3B	3.33	2018	8JQ3031	73	4	u-r-025-0786	Green Tag issued 11/21/2019	
11/20/2019	2/21/2020	SX6J96	SERC_041	JLG	800AJ Boom Lift	2018	10790746	United Rentals	ARB	Deutz	JDZXL02.9020	TD2.94L4	2.9	2018	12165591	67	4	u-r-013-0553	Green Tag issued 11/21/2019	Transfer Renter from Newtron to ARB on 1/28/2020. Eqpt remain on site.
11/21/2019	1/14/2020	JI6V59	SERC_042	JLG Boom Lift	660SJ Boom Lift	2018	300246305	Sunstate	ARB	Deutz	JDZXL02.9020	TD2.9L4	2.92	2018	12163940	67	4	u-r-013-0553	Green Tag issued 11/21/2019	
12/2/2019	12/20/2019	TP8N95	SERC_043	Case	580 Super N Back Hoe	2014	JJGN58SNKEC705265	Tom's Back Hoe	ARB	FPT	EFPX L03.4ADD	F5HFL413C*A	3.4	2014	000189488	97	4	u-r-015-0259-1	Green Tag issued 12/5/12019	Formerly SERC_026
12/9/2019	12/12/2019	BJ8F34	SERC_044	Bob cat	Bobcat S630 Skid Steer Loaded	2017	AHGL13302	Sunstate	Alcorn Fence	Doosan	GDICL2.4LEA	D24	2.94	2017	6087495	74	4	u-r-019-0141	Green tag not issued	Equipment left in 4 days.
12/11/2019	12/17/2019	JI7G69	SERC_045	JCB	509-42 Rough Terrain Forklift	2015	10423918	United Rentals	Newtron	JCB Power Systems	EJCBL04.4TA9	444 TA4-81 L1A	4.4	2014	40983U3460614	109	4I	U-R-049-0036	Green Tag issued 12/17/2019	
12/11/2019	4/10/2020	XS3Y34	SERC_046	JCB	509-42 Rough Terrain Forklift	2014	10265927	United Rentals	Newtron	JCB Power Systems	EJCBL04.4TA9	444 TA4I-81L1	4.4	2014	SH320/40532U0619714	109	4I	U-R-049-0036	Green Tag issued 12/17/2019	
12/12/2019	5/4/2020	JX4T34	SERC_047	CAT	259D Skid Steer loader	2019	FTL20141	Quinn Heavy Rents	ARB	Kubota	JBKXL03.3EKD	C3.3B	3.33	2018	8JQ3031	73	4	u-r-025-0786	Green Tag issued 12/17/2019	Formerly SERC_040
12/13/2019	1/29/2020	DC5H96	SERC_048	JLG	G10-55A 55' Forklift	2017	160079607	Sunbelt Rentals	Alcorn Fence	Cummins	GCEXL03.8AAA	QSF3.8	3.8	2016	89880083	130	4	U-R-002-0640-1	Green Tag issued 12/17/2019	
12/17/2019	3/11/2020	EK5E78	SERC_049	JLG	1255	2017	10613792	United Rentals	Newtron	Cummins	HCEXL03.8AAA	QSF3.8	3.8	2017	89919032	130	4	U-R-002-0645	Green Tag issued 12/23/2019	
12/27/2019	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-5N	2014		PCI	PCI	Isuzu Motors Limited	DSZXL05.2MXA	AM-4HK1X	5.2	2013	4HK1-708365	174	4I	u-r-006-0376	Green tag not 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	QSB4.5 160	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	VCED120CAOS288151	LaLonde	Boer	Deutz AG	JDZXL04.1054	D4J	4.038	2018	12306227	148	4	U-R-013-0548-1	Green tag not issued. Equipment left in 2 days	
4/22/2020	5/26/2020	GX6H54	SERC_062	Case	Skiploader 570NXT	2013	JJGN570NTDC593026	Boer	Boer	FPT Industrial S.P.A.	DFPX03.4ADD	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	Onsite	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	RT890E 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	QSB4.5 160	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	JBKXL03.8AMD	V3800-CR-TI-EV04	3.8L	2018	2IC3716	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	QSB4.5 160	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	GM5275	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 1664	2019	NA	United Rentals	TTSC	Deutz AG	KDZXL03.6060	TCDB3.6L4	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	1255 12K Forklift	2019	NA	United Rentals	TTSC	Cummins	KCEXXL03.8AAA	QSF3.8	3.8	2019	22363815	56	4	U-R-002-0689	Verified Tier 4. No tag issued	Delayed data collection

SERC Offroad Diesel Equipment Inventory June 2020

				Equipment						Engine										
<u>Date Arrived</u>	<u>Date Removed</u>	<u>CARB ID 6 digit (EIN)</u>	<u>SERC ID</u>	<u>Manufacturer</u>	<u>Model/Description</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Owner</u>	<u>Renter</u>	<u>Manufacturer</u>	<u>Engine Family</u>	<u>Engine Model</u>	<u>Displacement (L)</u>	<u>Model Year</u>	<u>Serial Number</u>	<u>Diesel (hp)</u>	<u>Tier</u>	<u>Engine Certification on File</u>	<u>Compliance Tag</u>	<u>Notes</u>
6/12/2020	6/22/2020	KU6J94	SERC_079	Skyjack	ZB2044 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	TESJ55	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



July 9, 2020

Mr. Tim Bofman  
SERC – Stanton Energy Reliability Center

RE: 500 Ton Crane

Per the above reference subject, TTS Construction contacted multiple local crane companies with the capability to provide a 500 ton crane, which had the capacity and reach to perform work at the SERC project. This search was also complicated as the duration for such a large crane was only a 1-2 day job. We found the following companies:

Mr. Crane  
647 N. Hariton St.  
Orange, CA 92868  
Jose Rodriguez - 714-633-2100

Maxim Crane  
1101 E. Spring Street  
Long Beach, CA 90806  
Michael Gilliland – 562-989-5709

Maxim Crane did have a tier 4 crane. Unfortunately when it came time to rent it, Mr. Gilliland was slow and then non-responsive to the current site needs as he was apparently tied up on other projects. Although a tier 3, Mr. Crane had the availability to rent their crane and operator to support the projects short duration and flexible equipment delivery schedule.

If you have any further questions, please contact me at 916-804-3860.

Sincerely,

Nathan Howard  
TTS Construction Corporation

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: 2020.06.24 07:22:28 -0700

Date: 06/01/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:23:25 -0700

Date: 06/02/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:24:42 -07'00'

Date: 06/03/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:25:12 -07'00'

Date: 06/04/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:25:46 -0700

Date: 06/05/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:26:18 -0700

Date: 06/06/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:27:17 -0700

Date: 06/08/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:28:29 -0700

Date: 06/09/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:29:26 -0700

Date: 06/10/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:30:17 -0700

Date: 06/11/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:30:53 -0700

Date: 06/12/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:31:21 -0700

Date: 06/13/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:32:29 -0700

Date: 06/15/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:33:09 -0700

Date: 06/16/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:33:45 -0700

Date: 06/17/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:35:23 -0700

Date: 06/18/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:35:48 -0700

Date: 06/19/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:36:21 -0700

Date: 06/202020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:37:01 -0700

Date: 06/21/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:37:57 -0700

Date: 06/22/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.06.24 07:38:36 -0700

Date: 06/23/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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.
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Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

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: 2020.07.08 14:21:37 -0700

Date: 06/24/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.07.08 14:22:14 -0700

Date: 06/25/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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: 2020.07.08 14:22:43 -0700

Date: 06/26/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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.
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Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

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: 2020.07.08 14:23:09 -0700

Date: 06/27/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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.
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Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

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: 2020.07.08 14:23:42 -0700

Date: 06/28/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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.
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Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

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: 2020.07.08 14:24:10 -0700

Date: 06/29/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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.
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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: 2020.07.08 14:24:59 -0700

Date: 06/30/2020

<b>Diesel-Fueled Engine Control Checklist Item (AQ-SC5)</b>	<b>Response (yes/no)</b>	<b>Action</b>
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.
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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 2, 2020

W Power, LLC-Stanton Energy Reliability Center  
10711 Dale Avenue  
Stanton, CA 90680

Attn: Tim Bofman  
Project Compliance

RE: Maintenance and Inspection of Equipment

Dear Mr. Bofman:

This letter confirms that Boer Backhoe, Inc. performs daily inspections and required maintenance at the regularly scheduled intervals for the month of June, for all on-site equipment.  
See the attached Equipment Log for Boer Backhoe equipment currently on-site.

Respectfully,

A handwritten signature in blue ink that reads "Sherry L. Boer". The signature is written in a cursive, flowing style.

Sherry L. Boer  
President

*BOER BACKHOE, INC.*

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



July 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 06/2020, 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>
RX6V57	SERC_060	JLG	JLG 8042/Reachlift 8K	2013
TW9K96	SERC_065	JLG	Reachlift 5K	2018
WX6G44	SERC_069	Bobcat	Bobcat s630/Skidsteer	2016
YW6L68	SERC_071	HYSTER	15K FORKLIFT	2018
XS3U35	SERC_072	JLG	JLG8042/Reachlift 8K	2015
RD6V74	SERC_073	Hyster	H210/forklift 21k	2016
SM6N87	SERC_074	JLG	Knuckle Boom	2015
179923	SERC_076	Cummins	C150D2RE-Generator	2018
UY8589	SERC_077	JLG	JLG1644/Reachlift 15K	2020
KT9X58	SERC_078	JLG	JLG1255/Reachlift 12K	2019
KU6J94	SERC_079	Skyjack	ZZB2044/Reachlift 20K	2017
CA7B63	SERC_080	JLG	JLG 8042/Reachlift 8K	2017
TE5J55	SERC_081	JLG	JLG8042/Reachlift 8K	2016

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

Sincerely,



Nathen Howard  
Construction Manager

---

## Monthly Inspection and Maintenance of Equipment

647 N. Hariton Street  
Orange, CA. 92868  
(714) 633-2100 Phone (714) 633-6901 Fax

TTS Construction

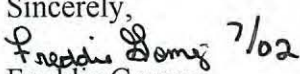
June 2020

Mr. Cranes unit AT-275 Grove (GMK5275) & RT90-007 (GR900XL) is maintained as per manufactures recommendations. Mr. Crane has a Maintenance Program to maintain the equipment as required per manufactures. This is just to notify you that these units for the month of May has been maintained as per manufacture.

Service complete as per Manufacture - 250hr-500hr-1000hr Service  
Annual Exp.  
Quad Exp.  
Periodic Insp.

Unit Number	SERC ID	Manufacture	Model / Description	Year	EIN Number
RT90-007	N/A	Tadano	GR900XL	2017	DH9V66
AT-275	N/A	Grove	GMK5275	2012	RG7G54

If you have any questions, please feel free to contact me at 714-981-0160 [freddie@mrcrane.com](mailto:freddie@mrcrane.com)

Sincerely,  
  
Freddie Gomez  
Operations & Service Manager

## Attachment 4 –Biological Resources

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

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

**To:**             Tim Bofman, SERC, LLC

**From:**        Ava Edens, Jacobs  
                  SERC CEC Designated Biologist

**Date:**         July 6, 2020

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

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## **1. Introduction**

This June 2020 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from June 1 through June 30, 2020 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C). The MCR is in accordance with the current (October 2018) Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP). The following biological resources California Energy Commission (CEC) License Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

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

## **2. Monitoring Summary**

This section summarizes biological monitoring activities conducted during the June 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 June 2020 reporting period biological monitoring was conducted on the SERC site five times per week. Active Nest Notifications along with Wildlife Observation Forms 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 June 1 through June 30, 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 June 2020 reporting period on the SERC site:

- A mourning dove (*Zenaida macroura*) nest was identified on April 12, 2020 in the eastern SERC parcel. The nest was located at approximately 33.8067461 latitude and -117.9852721 longitude. The nest was on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2, approximately 10 feet above the ground. The biological monitor observed that the nest successfully fledged. The nest was determined to be no longer active on June 15, 2020.
- A mourning dove nest was identified on May 18, 2020 in the eastern SERC parcel. The nest was located at approximately 33.80684896 latitude and -117.98636900 longitude. The nest was on an overhead wire rack, approximately 20 feet above the ground. The rack is located at the intersection of the two access roads on the eastern parcel and contains energized high voltage lines. The nest was determined to be no longer active on June 10, 2020.
- A mourning dove nest was identified on May 27, 2020 in the western SERC parcel. The nest was located at approximately 33.80674033 latitude and -117.98714119 longitude. The nest was under the awning on the northeast 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 June 16, 2020.
- A mourning dove 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. This nest was active through the end of the June 2020 reporting period.
- 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. This nest was active through the end of the June 2020 reporting period.

Active Nest Notifications and Wildlife Observations 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 June 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 June 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 June 2020 reporting period.

### **2.5 Hazardous Material Spills**

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

### **2.6 Non-Compliance Report**

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

## **3. WEAP Training**

On-site staff received WEAP training prior to starting work on site. A total of 110 persons completed the SERC WEAP training in June 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:** [Edens, Ava/SCO](#)  
**To:** [Heiser, John@Energy](#); [Valand, Andrew@Wildlife](#); [Christine\\_Medak@fws.gov](#)  
**Cc:** [Tim Bofman](#); [Mike Malsy](#); [Parker, Karen/SAC](#)  
**Subject:** Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)  
**Date:** Monday, June 15, 2020 10:28:00 PM  
**Attachments:** [2020-06-15\\_SERC\\_WildlifeObservationReport\\_MODAL.pdf](#)

---

Dear John,

An active mourning dove (*Zenaida macroura*) nest was identified on the eastern parcel of the Stanton Energy Reliability Center (SERC) on June 15, 2020. The nest is located at approximately 33.8069017 latitude and -117.99847568 longitude. The nest is in a trash dumpster enclosure near the Dale Avenue entrance.

A no-disturbance buffer zone has been established around the trash dumpster enclosure, which has one open side. The buffer takes into consideration existing visual barriers and allows for continued use of the Dale Avenue entrance to the site. The buffer excludes entry into the trash enclosure. 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](mailto:Ava.Edens@jacobs.com) | [www.jacobs.com](http://www.jacobs.com)

## Stanton Energy Reliability Center (SERC) Wildlife Observation Form

To be filled out by personnel who find active nest sites, wildlife dens, dead and/or injured wildlife, or other biological resources during daily construction activities. If nesting birds, dead and/or injured wildlife have been identified, please contact Ava Edens/Designated Biologist (DB) at (949) 466-5178 or [ava.edens@jacobs.com](mailto: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
June 15, 2020	Cara Snellen	Jacobs
<b>Location of Observation (include time spotted and coordinates if possible)</b>		
Active mourning dove nest in trash enclosure near the Dale Avenue entrance in the SERC Eastern Parcel, approximately 12 feet above ground. Coordinates: 33.8069017, -117.99847568.		
<b>Wildlife Species Name</b>	<b>Condition of Wildlife (alive/dead, size, age, weight, etc.)</b>	
Mourning dove ( <i>Zenaida macroura</i> )	Live	
<b>Cause of Injury or Mortality and time of death (If unknown, enter "unknown")</b>		
N/A		
<b>Current Location of Animal</b>		
Stanton Energy Reliability Center (SERC)		
<b>Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?</b>		
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
<b>If Yes, Explain</b>		
<b>Additional Comments</b>		
<p>An active mourning dove nest (MODO East #6) was observed on the upper beam ledge in the southeast corner of the trash enclosure near the Dale Avenue entrance in the East parcel. The nest is located where the supporting vertical corner post connects with the beam ledge. The biologist observed nesting material hanging off the beam ledge and an adult mourning dove sitting in incubation position. A second adult was observed perched nearby (outside of the enclosure). Neither adult was disturbed by the presence of the biologist. The nest location is approximately 10 feet above the ground and is partially concealed by the vertical post, the beam ledge, and surrounding trash enclosure walls. Given the height of the nest and the presence of an incubating adult, the presence/number of eggs could not be determined. No work is anticipated near the nest for the duration of the project. Nearby construction activities in the area include foot traffic and work inside Unit 1, located approximately 75 feet away. A no-disturbance buffer was established in front of the trash enclosure opening, which is approximately 10 feet north of the nest, with flagging and signage to prevent entry. The walls of the enclosure form a barrier to the east, south, and west</p>		

Photo 1



Location

SERC – Western 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 southeast. An adult was observed sitting in incubation position on nesting material. This nest was not present during the last monitoring visit on June 15, 2020.

Photo 2



Location

SERC – Eastern Parcel

Description

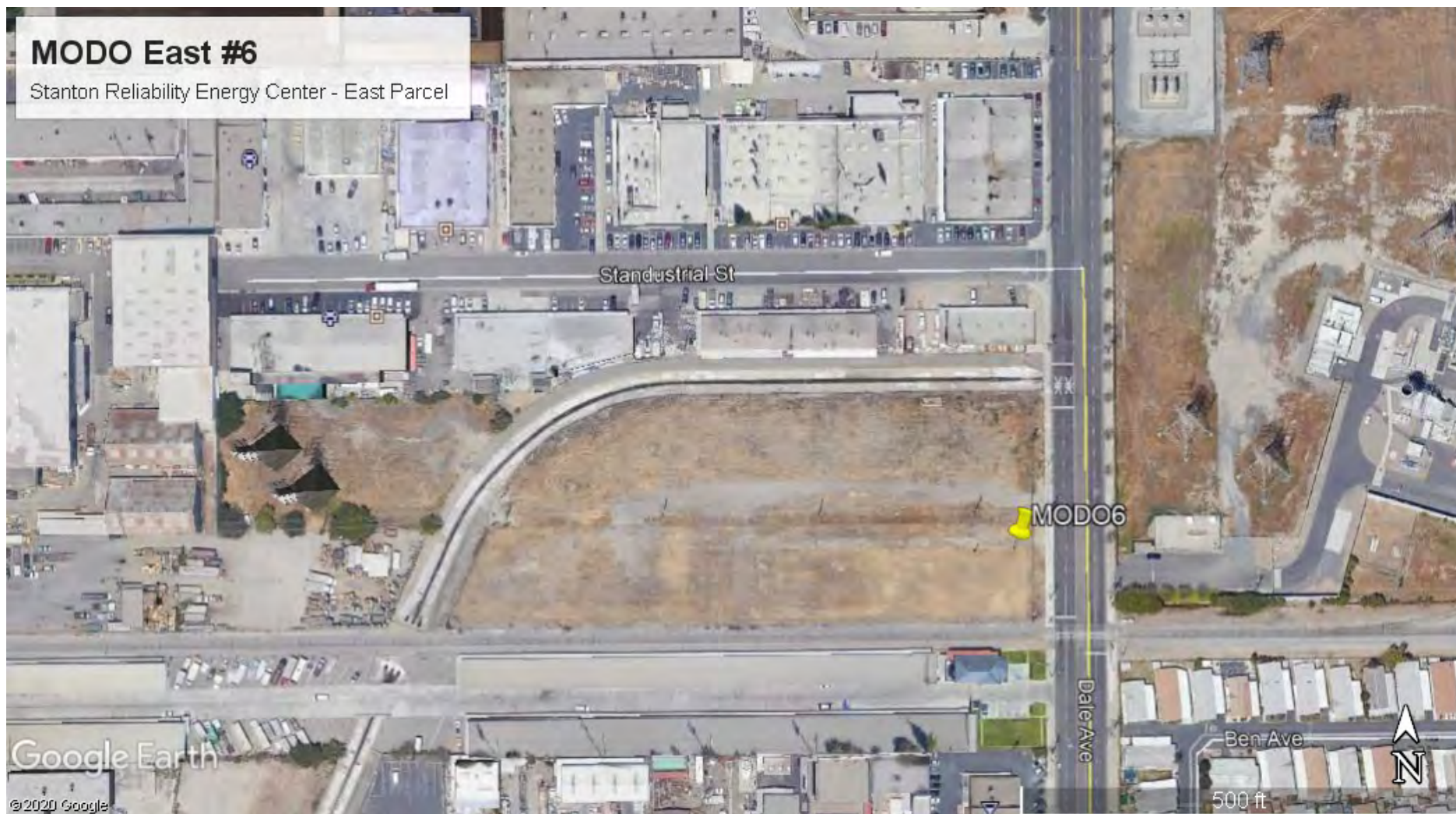
The new MODO East #6 nest is located on the upper beam in the southeast back corner of the trash enclosure, facing southeast. The nest location is approximately 10 feet above the ground and is partially concealed by the vertical post, the beam ledge, and surrounding trash enclosure walls. .

Photo 3



<b>Location</b>	SERC – Eastern Parcel	<b>Description</b>	Overview of the nest located in the trash enclosure near the Dale Avenue entrance in the East parcel (MOD0 East #6), facing southeast. Construction activities near the nest included foot traffic and work inside Unit 1, located approximately 75 feet away. A no-disturbance buffer was established in front of the trash enclosure opening, which is approximately 10 feet north of the nest, with flagging and signage to prevent entry. The walls of the enclosure form a barrier to the east, south, and west.
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**Figure 1. Google Earth image of SERC mourning dove nest location (indicated by yellow pin). The nest is located on the upper beam ledge in the southeast corner of the trash enclosure near the Dale Avenue entrance in the SERC Eastern Parcel, approximately 10 feet above the ground. The vertical post, beam ledge, and surrounding trash enclosure walls provide a visual buffer. No work is anticipated near the nest for the duration of the project. Coordinates: 33.8069017, -117.9847568.**

**From:** [Edens, Ava/SCO](#)  
**To:** [Heiser, John@Energy](#); [Valand, Andrew@Wildlife](#); [Christine\\_Medak@fws.gov](#)  
**Cc:** [Tim Bofman](#); [Mike Malsy](#); [Parker, Karen/SAC](#)  
**Subject:** Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)  
**Date:** Thursday, June 18, 2020 10:29:00 PM  
**Attachments:** [2020-06-17\\_SERC\\_WildlifeObservationReport\\_MODAL.pdf](#)

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Dear John,

A mourning dove (*Zenaida macroura*) nest was identified in the western parcel of the Stanton Energy Reliability Center (SERC) on June 17, 2020. The nest is located at approximately 33.8067094 latitude and -117.9872168 longitude. The nest is under the awning on the southwest corner of the RO system approximately 12 feet above the ground.

Existing visual barriers are present at the nest site and the nest could not be accessed to confirm the presence of eggs but is presumed active. A no-disturbance buffer zone has been established around the posts below the nest 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

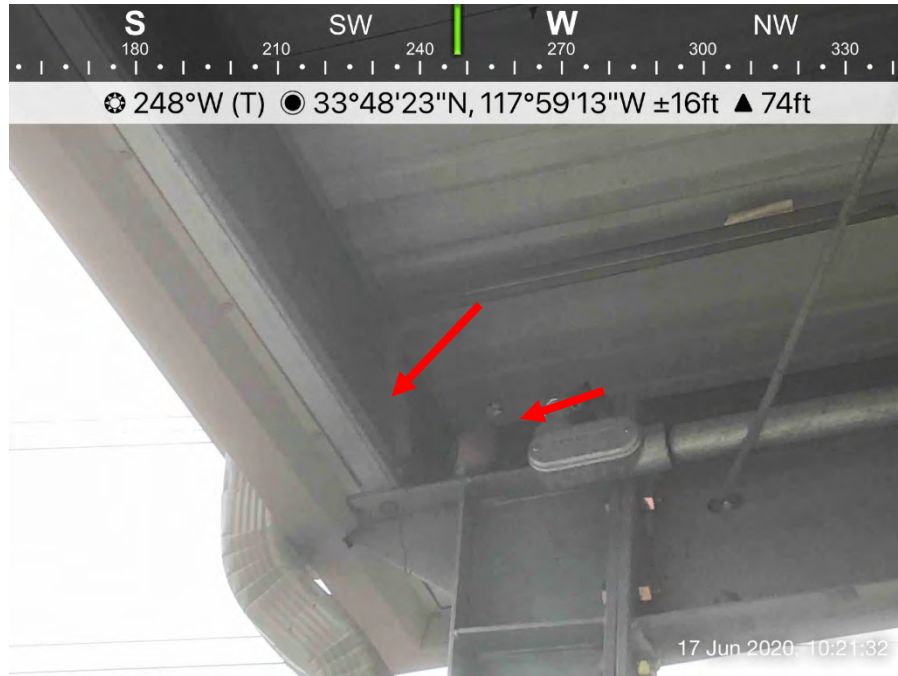
Ava Edens | Jacobs | SERC Designated Biologist | 949.404.2046 desk | 949.466.5178 mobile |  
[Ava.Edens@jacobs.com](mailto:Ava.Edens@jacobs.com) | [www.jacobs.com](http://www.jacobs.com)

## Stanton Energy Reliability Center (SERC) Wildlife Observation Form

To be filled out by personnel who find active nest sites, wildlife dens, dead and/or injured wildlife, or other biological resources during daily construction activities. If nesting birds, dead and/or injured wildlife have been identified, please contact Ava Edens/Designated Biologist (DB) at (949) 466-5178 or [ava.edens@jacobs.com](mailto: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
June 17, 2020	Cara Snellen	Jacobs
<b>Location of Observation (include time spotted and coordinates if possible)</b>		
Active mourning dove nest under RO system awning (beam ledge of southwest awning corner) near eastern boundary of the SERC Western Parcel, approximately 12 feet above ground. Coordinates: 33.8067094, -117.9872168.		
<b>Wildlife Species Name</b>	<b>Condition of Wildlife (alive/dead, size, age, weight, etc.)</b>	
Mourning dove ( <i>Zenaida macroura</i> ) nest	Live	
<b>Cause of Injury or Mortality and time of death (If unknown, enter "unknown")</b>		
N/A		
<b>Current Location of Animal</b>		
Stanton Energy Reliability Center (SERC)		
<b>Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?</b>		
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
<b>If Yes, Explain</b>		
<b>Additional Comments</b>		
<p>An active mourning dove nest (MODO West #7) was observed on a beam ledge under the southwest corner of the RO system awning in the West parcel. The nest is located where the supporting vertical corner post connects with the beam ledge. The biologist observed nesting material hanging off the beam ledge and an adult mourning dove sitting in incubation position. A second adult made multiple trips to the nest with nesting material. Neither adult was disturbed by the presence of the biologist or nearby construction activities. The nest location is approximately 12 feet above the ground and is partially concealed by the vertical post, the beam ledge, the awning cover, and surrounding awning infrastructure. Given the height of the nest and the presence of an incubating adult, the presence/number of eggs could not be determined. Construction activities in the area included the foot traffic and the cable pull along the rack connecting BESS and the GSU in the East parcel. However, construction activities are visually buffered by the large RO tank to the north and the surrounding RO awning infrastructure. In addition, no work will be conducted near the nest until the BESS is complete and the RO system is connected (estimate 1 month). A no-disturbance buffer was established below the nest around the main vertical post and adjacent pipes/posts with flagging and signage, incorporating existing infrastructure as necessary. The flagged area was limited due to the presence of the emergency eyewash station below the nest site. As the eyewash station must be accessible, a cone was placed directly north of the eye wash station as a visual extension of the buffer. With the cone incorporated, the buffer is approximately 5x5 feet in size.</p>		

Photo 1



Location

SERC – Western Parcel

Description

Closeup of active mourning dove nest (MODO West #7) located in the southwest corner of the RO awning near the eastern boundary of the Western parcel, approximately 12 feet above ground. An adult was observed sitting in incubation position on nesting material. The second adult, which made several trips to the nest with material, is visible in the photo.

Photo 2



Location

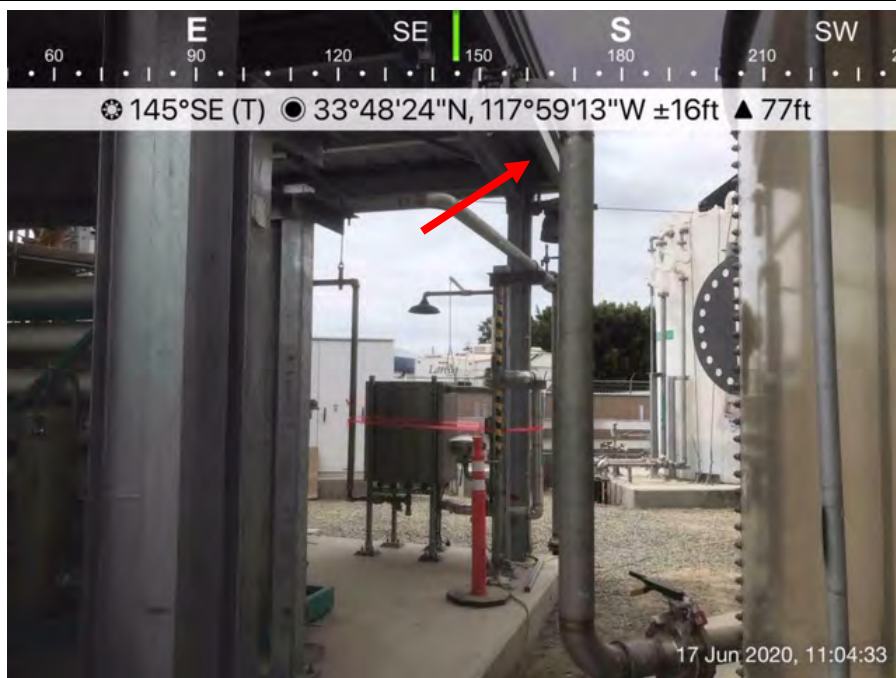
SERC – Western Parcel

Description

Overview of the MODO West #7 location on a beam ledge under the southwest corner of the RO system awning, facing south. The nest location is approximately 12 feet above the ground and is partially concealed by the vertical post, the beam ledge, the awning cover, and surrounding awning infrastructure.



Photo 3



<b>Location</b>	SERC – Western Parcel	<b>Description</b>	<p>Overview of the MODO West #7 no-disturbance nest buffer, facing southeast. Flagging was placed around the main vertical post and adjacent pipes/posts with signage, incorporating existing infrastructure as necessary. The flagged area was limited due to the presence of the emergency eyewash station below the nest site. As the eyewash station must be accessible, a cone was placed directly north of the eye wash station as a visual extension of the buffer. With the cone incorporated, the buffer is approximately 5x5 feet in size.</p>
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**Figure 1. Google Earth image of SERC mourning dove nest location (indicated by yellow pin). The nest is located on the beam ledge under the southwest corner of the RO system awning near the eastern boundary of the SERC Western Parcel, approximately 12 feet above the ground. The beam ledge, vertical post, and surrounding awning infrastructure provide a visual buffer. In addition, the area is closely surrounded by the large RO tank and other SERC infrastructure, effectively screening the nest from Project noise and activity (although not shown in Google Earth image). Coordinates: 33.8067094, -117.9872168.**

Appendix B  
Biological Resources Compliance  
Monitoring Logs

## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
June 1, 2020		Cara Snellen		0830-0930
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
70-73	2-5	0.0 in.	Good (10 mi.)	Mostly clear and 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 located in the SERC Eastern Parcel, SERC Western Parcel, in Parcel B, and near Parcel C/West Laydown Yard.

- **MODO nest #1 in Eastern Parcel (air compressor awning)** – Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- **MODO nest #4 in Eastern Parcel (GSU overhead rack-east)** –Active mourning dove nest located on a metal plate that connects a vertical beam to the lowest overhead wire rack (15 kV cable tray) near the point where the cable tray turns downward east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage.
- **MODO nest #5 in Western Parcel (RO system awning)** –Active mourning dove nest located on a beam ledge under the northeast 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 two posts supporting overhead pipes with flagging and signage.
- **HOSP nest (#7) in Parcel B** – Active house sparrow (*Passer domesticus*: HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- **HOSP nest (#3) east of Parcel C** – Active house sparrow nest located inside wire insulator directly west of a utility pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West laydown Yard. The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the MBTA.

#### **SERC Site:**

**Eastern Parcel** – Ongoing activities included foot traffic; work inside Unit 1 and 2 (stacks); control room operations; access road vehicle traffic.

**Eastern Parcel** – Ongoing activities included above-ground BESS infrastructure construction; material fabrication; fence installation; movement of materials and equipment; foot/vehicle traffic.

**West Laydown Yard** – Ongoing activities included foot traffic.

#### **SERC Amendment Area:**

**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
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #1 in Eastern Parcel (air compressor awning)</b> –An adult mourning dove was observed sitting on the nest in incubation/brooding position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>MODO nest #4 in Eastern Parcel (GSU overhead rack-east)</b> – An adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>MODO nest #5 in Western Parcel (RO system awning)</b> – An adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>HOSP nest (#7) in Parcel B</b> – An adult male house sparrow was observed perched next to the nest. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>HOSP nest (#3) east of Parcel C</b> – An adult male house sparrow was observed perched next to the nest cavity and vocalizing. An adult female was observed entering the nest cavity with food. The adults were not disturbed by the presence of the biologist or nearby construction activities.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>
Items Requiring Action/Follow-up
<ul style="list-style-type: none"> <li>No Items requiring follow-up. Monitoring of work will continue during Project construction activities.</li> </ul>
Wildlife Species Observed:
<p><b>Birds:</b> mourning dove, house finch (<i>Haemorhous mexicanus</i>), house sparrow, Eurasian collared dove (<i>Streptopelia decaocto</i>), rock pigeon (<i>Columba livia</i>), Northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), killdeer (<i>Charadrius vociferus</i>)</p>

Photo 1



Location

SERC – Eastern Parcel

Description

An adult mourning dove sitting low on the nest (MODO East #1) in incubation/brooding position, facing southeast. The adult was not disturbed by the presence of the biologist or nearby construction activities.

Photo 2



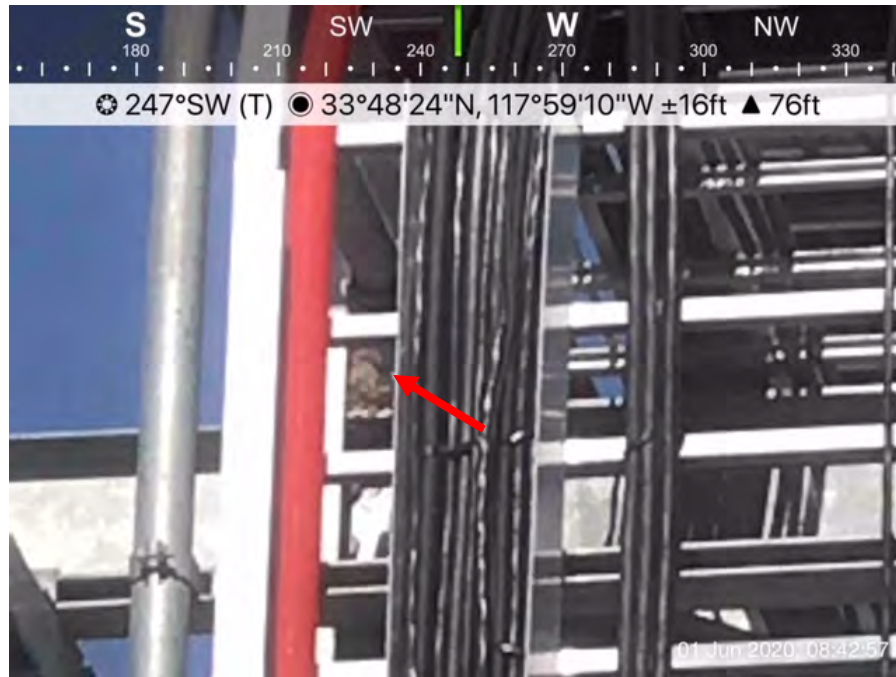
Location

SERC – Eastern Parcel

Description

Overview of the MODO East #1 nest in the air compressor awning between Unit 1 and 2 of the East parcel, facing southeast. Construction activities near the nest buffer included foot traffic, control room operations, and work inside Unit 1 and 2 (stacks).

Photo 3



Location

SERC – Eastern Parcel

Description

An adult mourning dove sitting low on the nest (MODO East #4) in incubation position, facing southwest. The adult was not disturbed by the presence of the biologist or nearby construction activities.

Photo 4



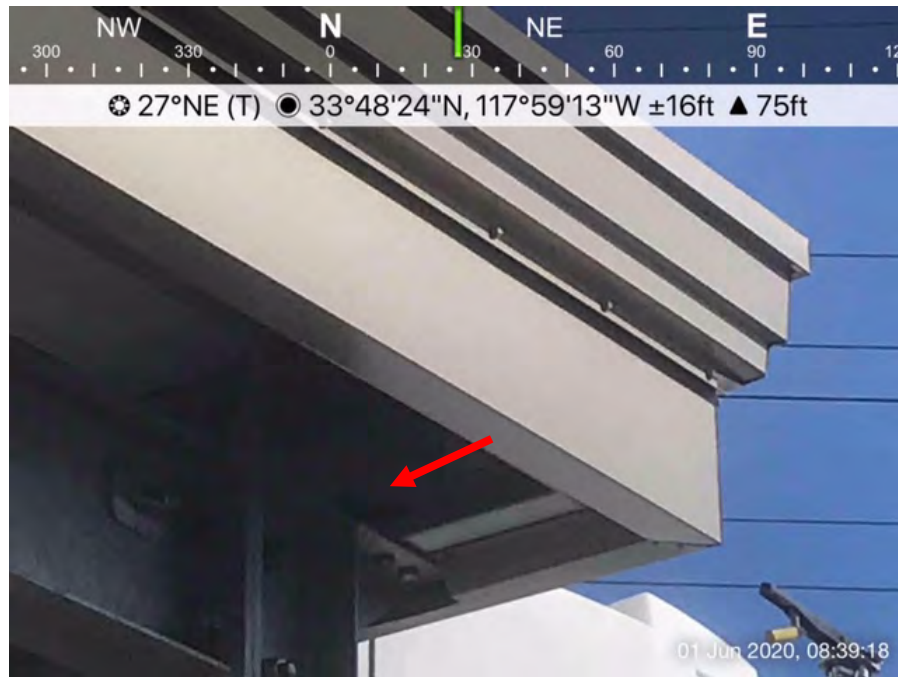
Location

SERC – Eastern Parcel

Description

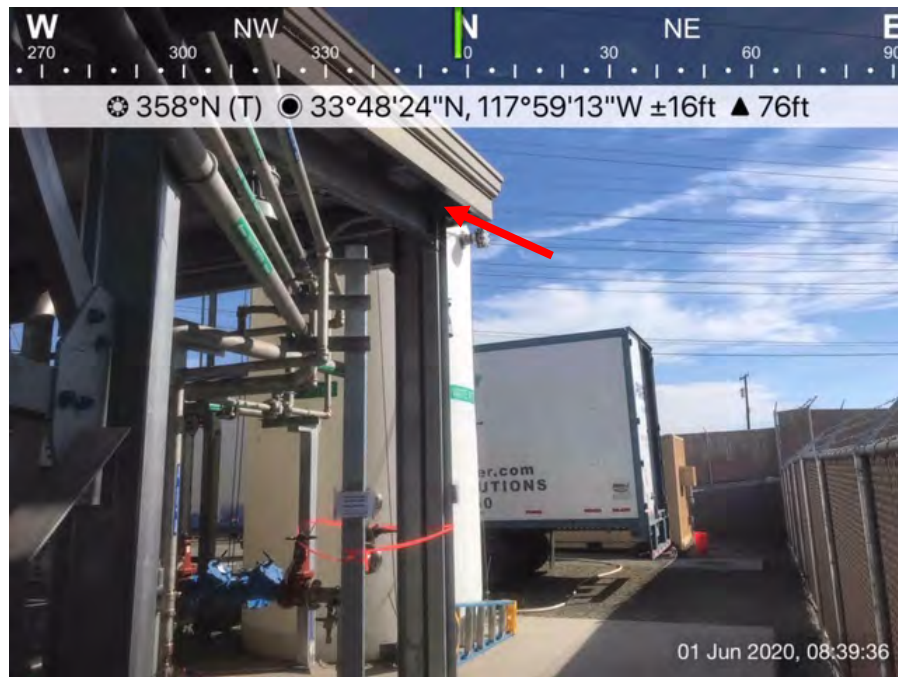
Overview of the nest located in the GSU overhead rack in the East parcel (MODO East #4), facing west. Construction activities near the nest buffer included foot traffic.

Photo 5



Location	SERC – Western Parcel	Description	An adult mourning dove sitting low on the nest (MODO West #5) in incubation position, facing northeast. The adult was not disturbed by the presence of the biologist or nearby construction activities
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Photo 6



Location	SERC – Western Parcel	Description	Overview of the nest located in the RO system awning in the West parcel (MODO West #5), north. Construction activities near the nest buffer included material fabrication; foot traffic.
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Photo 7



<b>Location</b>	SERC – Parcel B of the Amendment Area	<b>Description</b>	Overview of Nest #7 location (house sparrow), facing southeast. SERC construction activities included material inventory/movement in warehouse B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials. An adult male was observed perched next to the nest cavity.
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## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
June 2, 2020		Cara Snellen		0830-1030
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
70-73	1-2	0.00 in.	Good (10 mi.)	Partly cloudy
<b>Location(s) of Work Site Activities Monitored</b>				
<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><b>SERC Site:</b></p> <p><b>Western Parcel</b> – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; material fabrication/modification; movement of materials/equipment.</p> <p><b>Eastern Parcel</b> – Ongoing activities included control room operations; work in Unit 1 and 2; vehicle ingress/egress on access road; foot traffic.</p> <p><b>Western Laydown (SCE West parcel)</b> – Activities included foot traffic.</p> <p><b>Eastern Laydown (SCE East parcel)</b> – Activities included material storage.</p> <p><b>Gas Pipeline</b> – No SERC-related activities.</p> <p><b>Church Parking Lot</b> – No SERC-related activities.</p> <p><b>SERC Amendment Area:</b></p> <p><b>Parcel A</b> – Activities included parking; foot traffic.</p> <p><b>Parcel B</b> – Activities included material inventory/movement at warehouses B and C; foot traffic. Non-SERC activities included movement of materials; foot traffic.</p> <p><b>Parcel C</b> – Activities included parking; foot traffic.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #1 in Eastern Parcel (air compressor awning)</b> – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting on the nest in incubation/brooding position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or by nearby construction activities.</li> <li><b>HOSP nest (#7) in Parcel B</b> – An adult male house sparrow (<i>Passer domesticus</i>; HOSP) was observed perched near the nest and vocalizing. The nest is presumed still active. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).</li> <li><b>HOSP nest (#3) east of Parcel C</b> – An adult male was perched next to the nest and vocalizing while an adult female entered the nest cavity. The nest is presumed to be in the feeding chicks stage. The adults were not disturbed by the presence of the biologist or by nearby activities. House sparrows are introduced species not protected under provisions of the MBTA.</li> <li><b>MODO nest #4 in Eastern Parcel (GSU overhead rack-east)</b> – An adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or by nearby construction activities.</li> <li><b>MODO nest #5 in Western Parcel (RO system awning)</b> – An adult mourning dove was observed sitting on the nest. An egg shell fragment was observed on the ground below the nest. The egg (s) has presumably hatched and the</li> </ul>				

nest is now in the brooding stage. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or by nearby construction activities.

**Other Biological Resources Observations:**

- None

**Other Observations/Comments:**

- None

**Items Requiring Action/Follow-up**

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

**Wildlife Species Observed:**

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

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	Material storage and fabrication in the West parcel, facing southeast.
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Photo 3



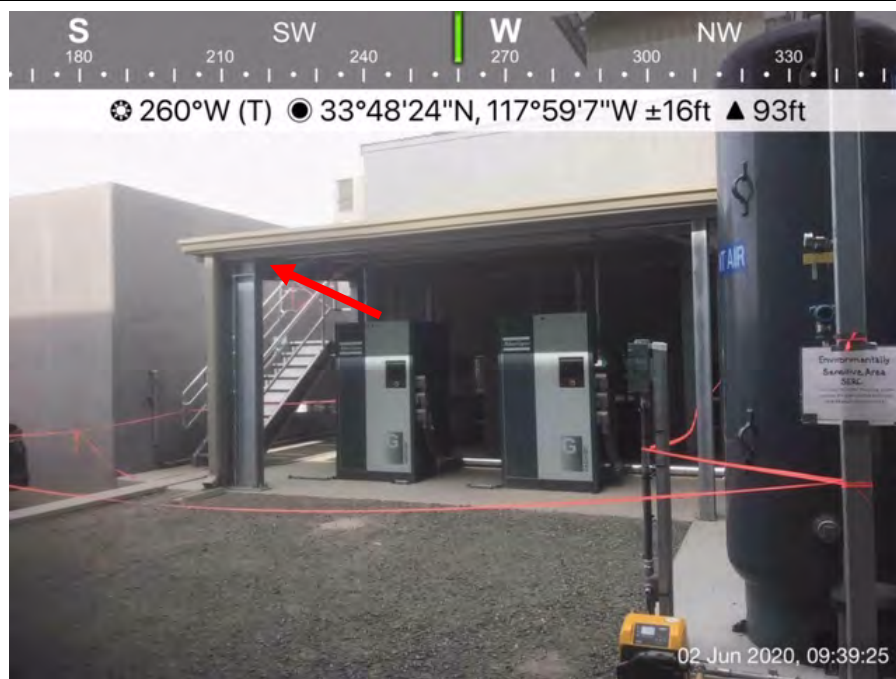
Location	SERC – Western Parcel	Description	Overview of the mourning dove nest located in the RO awning in the West parcel (MODO West #5), facing north. An adult was observed sitting on the nest. Construction activities near the nest buffer included material fabrication and foot traffic. The adult showed no signs of disturbance.
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Photo 4



Location	SERC – Western Parcel	Description	An eggshell fragment was observed on the ground below the MODO West #5 nest location. The egg (s) has presumably hatched and the nest is now in the brooding stage.
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Photo 5



Location	SERC – Eastern Parcel	Description	Overview of the MODO East #1 nest in the air compressor awning between Unit 1 and 2 of the East parcel, facing west. An adult was observed sitting on the nest in brooding position. Construction activities near the nest buffer included control room operations and work in Units 1 and 2. The adult showed no signs of disturbance.
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Photo 6



Location	SERC – Eastern Parcel	Description	Location of MODO East #4 in the overhead rack near the GSU in the East parcel, facing southwest. An adult was observed sitting on the nest in incubation position. Construction activities near the nest buffer included foot/vehicle traffic. The adult showed no signs of disturbance.
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Photo 7



Location	SERC – Eastern Parcel	Description	Work on the Unit 1 stack in the East parcel, facing southwest.
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Photo 8



Location	SERC – Eastern Parcel	Description	Work inside Unit 2 in the East parcel, facing northwest.
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Photo 9



<b>Location</b>	SCE East Laydown Yard	<b>Description</b>	The SCE East Laydown Yard is locked and not currently in use, facing northwest. Some construction materials are still present at the west end of the yard.
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Photo 10



<b>Location</b>	SERC – Parcel B of the Amendment Area	<b>Description</b>	Overview of Nest #7 location (house sparrow), facing southeast. SERC construction activities included material inventory/movement in warehouse B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials. An adult male was observed perched next to the nest cavity.
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## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
June 3, 2020		Cara Snellen		0900-1000
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
78-81	3-5	0.0 in.	Good (10 mi.)	Clear and 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 located in the SERC Eastern Parcel, SERC Western Parcel, in Parcel B, and near Parcel C/West Laydown Yard.

- **MODO nest #1 in Eastern Parcel (air compressor awning)** – Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- **MODO nest #4 in Eastern Parcel (GSU overhead rack-east)** –Active mourning dove nest located on a metal plate that connects a vertical beam to the lowest overhead wire rack (15 kV cable tray) near the point where the cable tray turns downward east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage.
- **MODO nest #5 in Western Parcel (RO system awning)** –Active mourning dove nest located on a beam ledge under the northeast 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 two posts supporting overhead pipes with flagging and signage.
- **HOSP nest (#7) in Parcel B** – Active house sparrow (*Passer domesticus*; HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- **HOSP nest (#3) east of Parcel C** – Active house sparrow nest located inside wire insulator directly west of a utility pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West Laydown Yard. The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the MBTA.

#### **SERC Site:**

**Eastern Parcel** – Ongoing activities included foot traffic; work inside Unit 1 and 2 (stacks); control room operations; access road vehicle traffic.

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

**West Laydown Yard** – Ongoing activities included foot traffic.

#### **SERC Amendment Area:**

**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.

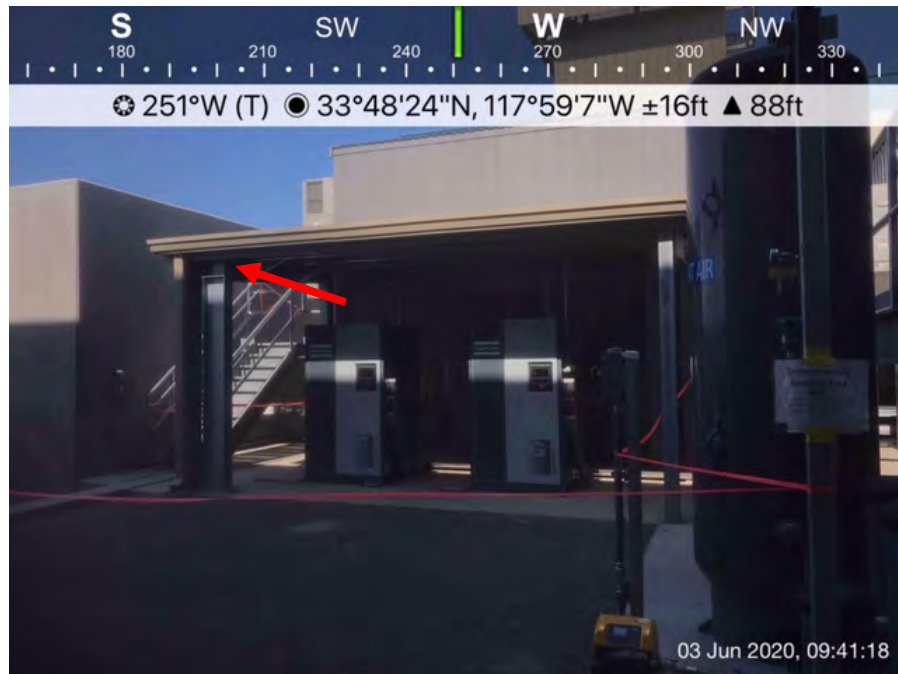
Summary of Biological Resources Monitoring Observations
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #1 in Eastern Parcel (air compressor awning)</b> –An adult mourning dove was observed sitting on the nest in incubation/brooding position. A second adult was perched nearby and the pair switched places on the nest during the observation period. The adults were not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>MODO nest #4 in Eastern Parcel (GSU overhead rack-east)</b> – An adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>MODO nest #5 in Western Parcel (RO system awning)</b> – An adult mourning dove was observed sitting on the nest in incubation/brooding position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>HOSP nest (#7) in Parcel B</b> – An adult male house sparrow was observed perched next to the nest. An adult female entered/exited the nest cavity during the observation period. The adults were not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>HOSP nest (#3) east of Parcel C</b> – An adult male house sparrow was observed exiting the nest cavity and briefly perching nearby before leaving the area. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>
Items Requiring Action/Follow-up
<ul style="list-style-type: none"> <li>No Items requiring follow-up. Monitoring of work will continue during Project construction activities.</li> </ul>
Wildlife Species Observed:
<p><b>Birds:</b> mourning dove, house finch (<i>Haemorrhous mexicanus</i>), house sparrow, Eurasian collared dove (<i>Streptopelia decaocto</i>), rock pigeon (<i>Columba livia</i>), Northern mockingbird (<i>Mimus polyglottos</i>), European starling (<i>Sturnus vulgaris</i>), killdeer (<i>Charadrius vociferus</i>) Allen’s hummingbird (<i>Selasphorus sasin</i>), common raven (<i>Corvus corax</i>), red-tailed hawk (<i>Buteo jamaicensis</i>)</p>

Photo 1



Location	SERC – Eastern Parcel	Description	An adult mourning dove sitting low on the nest (MODO East #1) in incubation/brooding position, facing southeast. The adult was not disturbed by the presence of the biologist or nearby construction activities.
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Photo 2



Location	SERC – Eastern Parcel	Description	Overview of the MODO East #1 nest in the air compressor awning between Unit 1 and 2 of the East parcel, facing west. Construction activities near the nest buffer included foot traffic, control room operations, and work inside Unit 1 and 2.
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Photo 3



Location

SERC – Eastern Parcel

Description

An adult mourning dove sitting low on the nest (MODO East #4) in incubation position, facing west. The adult was not disturbed by the presence of the biologist or nearby construction activities.

Photo 4



Location

SERC – Eastern Parcel

Description

Overview of the nest located in the GSU overhead rack in the East parcel (MODO East #4), facing west. Construction activities near the nest buffer included foot/vehicle traffic.

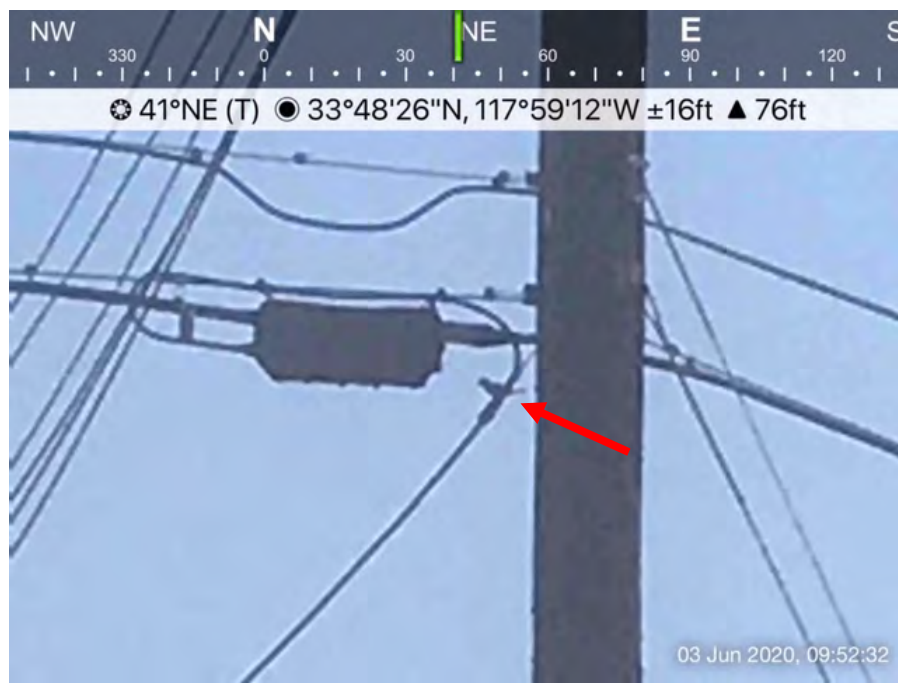


Photo 5



Location	SERC – Western Parcel	Description	Overview of the nest located in the RO system awning in the West parcel (MOD0 West #5), north. Construction activities near the nest buffer included material fabrication/inventory; foot traffic. An adult mourning dove was sitting on the nest in incubation/brooding position and showed no signs of disturbance.
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Photo 6



Location	SERC – Western Laydown Yard/Parcel C	Description	An adult female house sparrow perched prior to entering the nest cavity (Nest #3), facing northeast. An adult male was perched nearby vocalizing. The adults were not disturbed by the biologist or nearby activities.
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Photo 7



<b>Location</b>	SERC – Western Laydown Yard/Parcel C	<b>Description</b>	Overview of Nest #3 location (house sparrow) approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West Laydown Yard, facing northeast. Construction activities near the nest included foot traffic.
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Photo 8



<b>Location</b>	SERC – Parcel B of the Amendment Area	<b>Description</b>	An adult male house sparrow perched on a light fixture after exiting the nest cavity (HOSP Nest #7), facing southeast. The adult was not disturbed by the biologist or nearby activities.
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Photo 9



<b>Location</b>	SERC – Parcel B of the Amendment Area	<b>Description</b>	Overview of Nest #7 location (house sparrow), facing southeast. SERC construction activities included material inventory/movement in warehouse B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials.
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## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
June 4, 2020		Cara Snellen		0930-1030
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
68-70	3-5	0.0 in.	Good (10 mi.)	Cloudy/overcast

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

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

- **MODO nest #1 in Eastern Parcel (air compressor awning)** – Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- **MODO nest #4 in Eastern Parcel (GSU overhead rack-east)** –Active mourning dove nest located on a metal plate that connects a vertical beam to the lowest overhead wire rack (15 kV cable tray) near the point where the cable tray turns downward east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage.
- **MODO nest #5 in Western Parcel (RO system awning)** –Active mourning dove nest located on a beam ledge under the northeast 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 two posts supporting overhead pipes with flagging and signage.
- **HOSP nest (#7) in Parcel B** – Active house sparrow (*Passer domesticus*; HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- **HOSP nest (#3) east of Parcel C** – Active house sparrow nest located inside wire insulator directly west of a utility pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West Laydown Yard. The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the MBTA.

#### **SERC Site:**

**Eastern Parcel** – Ongoing activities included foot traffic; work inside Unit 1 and 2 (stacks); control room operations; access road vehicle traffic.

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

**West Laydown Yard** – Ongoing activities included foot traffic.

#### **SERC Amendment Area:**

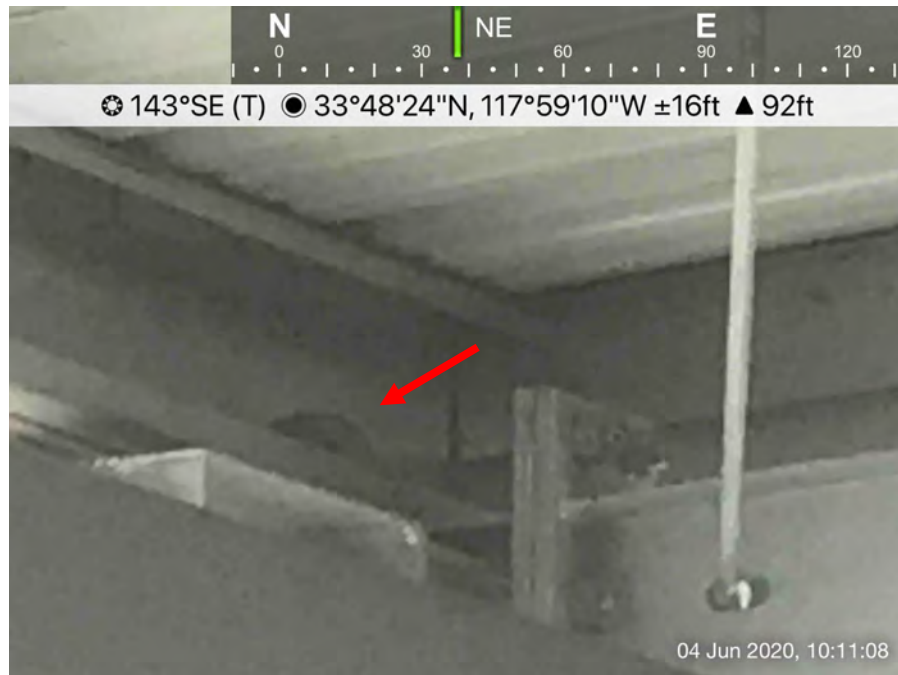
**Parcel B** –SERC construction activities during material inventory/movement in warehouses B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

**Parcel C** – Ongoing activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #1 in Eastern Parcel (air compressor awning)</b> –An adult mourning dove was observed sitting on the nest in incubation/brooding position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>MODO nest #4 in Eastern Parcel (GSU overhead rack-east)</b> – An adult mourning dove was observed sitting on the nest in incubation position. A second adult was perched nearby. The adults were not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>MODO nest #5 in Western Parcel (RO system awning)</b> – An adult mourning dove was observed sitting on the nest in incubation/brooding position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>HOSP nest (#7) in Parcel B</b> – An adult male house sparrow was observed perched next to the nest. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>HOSP nest (#3) east of Parcel C</b> – An adult female house sparrow was observed exiting the nest cavity and chicks were heard vocalizing inside. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>
Items Requiring Action/Follow-up
<ul style="list-style-type: none"> <li>No Items requiring follow-up. Monitoring of work will continue during Project construction activities.</li> </ul>
Wildlife Species Observed:
<p><b>Birds:</b> mourning dove, house finch (<i>Haemorhous mexicanus</i>), house sparrow, Eurasian collared dove (<i>Streptopelia decaocto</i>), rock pigeon (<i>Columba livia</i>), Northern mockingbird (<i>Mimus polyglottos</i>), killdeer (<i>Charadrius vociferus</i>)</p>



Photo 1



Location

SERC – Eastern Parcel

Description

An adult mourning dove sitting low on the nest (MODO East #1) in incubation/brooding position, facing southeast. The adult was not disturbed by the presence of the biologist or nearby construction activities.

Photo 2



Location

SERC – Eastern Parcel

Description

Overview of the MODO East #1 nest in the air compressor awning between Unit 1 and 2 of the East parcel, facing southwest. Construction activities near the nest buffer included foot traffic, control room operations, and work inside Unit 1 and 2.

Photo 3



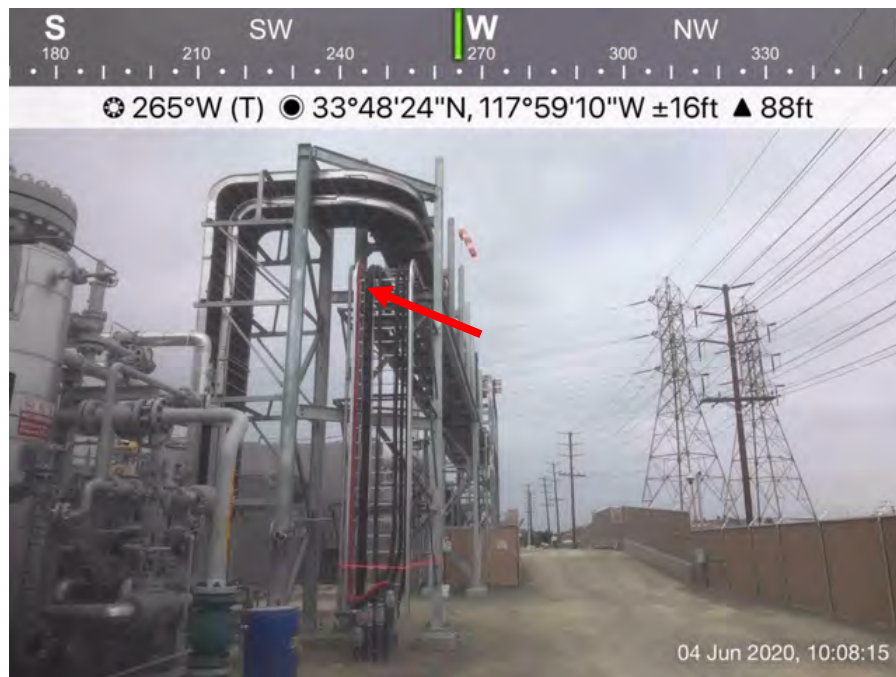
Location

SERC – Eastern Parcel

Description

An adult mourning dove sitting low on the nest (MODO East #4) in incubation position, facing west. The adult was not disturbed by the presence of the biologist or nearby construction activities.

Photo 4



Location

SERC – Eastern Parcel

Description

Overview of the nest located in the GSU overhead rack in the East parcel (MODO East #4), facing west. Construction activities near the nest buffer included foot/vehicle traffic.

Photo 5



Location

SERC – Western Parcel

Description

An adult mourning dove sitting low on the nest (MODO West #5) in incubation/brooding position, facing east. The adult was not disturbed by the presence of the biologist or nearby construction activities.

Photo 6



Location

SERC – Western Parcel

Description

Overview of the nest located in the RO system awning in the West parcel (MODO West #5), northeast. Construction activities near the nest buffer included material fabrication/inventory; foot traffic.



Photo 7



Location	SERC – Parcel B of the Amendment Area	Description	Overview of Nest #7 location (house sparrow), facing south. SERC construction activities included material inventory/movement in warehouse B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials. An adult female was observed exiting the nest and chicks were heard vocalizing. The bird showed no signs of disturbance.
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## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
June 5, 2020		Cara Snellen		0900-1100
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64-67	1-2	0.0 in. (earlier light drizzle)	Good (10 mi.)	Cloudy/overcast

#### 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; material fabrication/modification/inventory; movement of materials/equipment.

**Eastern Parcel** – Ongoing activities included control room operations; work in Unit 1 and 2; vehicle ingress/egress on access road; foot traffic.

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

**Eastern Laydown (SCE East parcel)** – Activities included material storage.

**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 warehouses B and C; foot traffic. Non-SERC activities included movement of materials; 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 #1 in Eastern Parcel (air compressor awning)** – An adult mourning dove (*Zenaida macroura*; MODO) was observed sitting on the nest in incubation/brooding position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- **HOSP nest (#7) in Parcel B** – An adult male house sparrow (*Passer domesticus*; HOSP) was observed perched near the nest and vocalizing. The nest is presumed still active. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- **HOSP nest (#3) east of Parcel C** – No activity was observed and no house sparrows were present in the area. The status of the nest is currently unknown. House sparrows are introduced species not protected under provisions of the MBTA.
- **MODO nest #4 in Eastern Parcel (GSU overhead rack-east)** – An adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or by nearby construction activities.

- **MODO nest #5 in Western Parcel (RO system awning)** – An adult mourning dove was observed sitting on the nest in incubation/brooding position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or by nearby construction activities.

**Other Biological Resources Observations:**

- None

**Other Observations/Comments:**

- None

**Items Requiring Action/Follow-up**

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

**Wildlife Species Observed:**

**Birds:** mourning dove, house sparrow, Northern mockingbird (*Mimus polyglottos*), house finch (*Haemorrhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), European starling (*Sturnus vulgaris*)

Photo 1



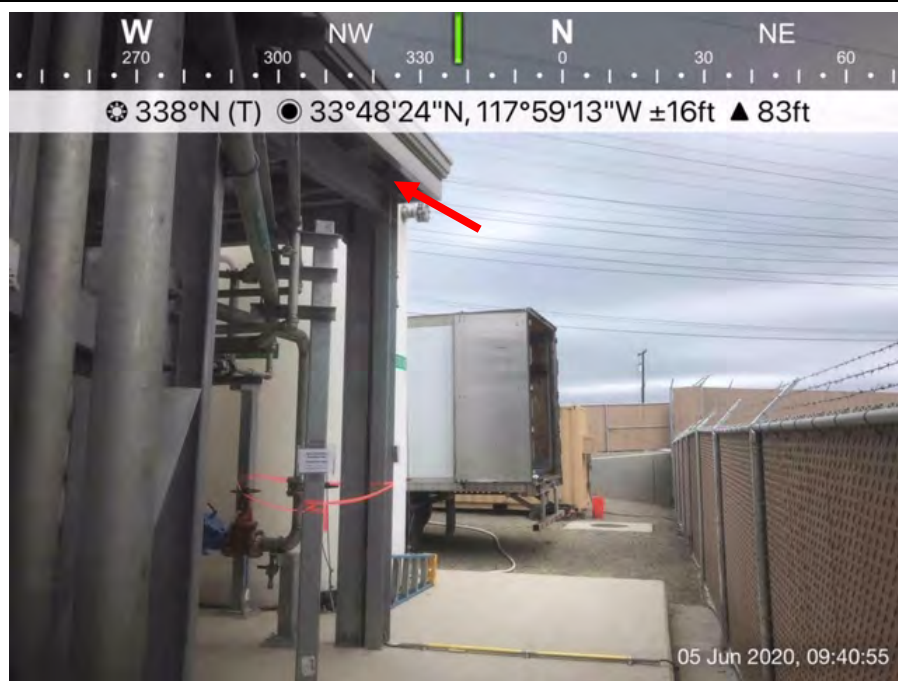
Location	SERC – Western Parcel	Description	Overview of construction activities associated with the above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing southwest.
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Photo 2



Location	SERC – Western Parcel	Description	Material storage and inventory in the West parcel, facing west.
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Photo 3



Location	SERC – Western Parcel	Description	Overview of the mourning dove nest located in the RO awning in the West parcel (MODO West #5), facing north. An adult was observed sitting on the nest. Construction activities near the nest buffer included material inventory and foot traffic. The adult showed no signs of disturbance.
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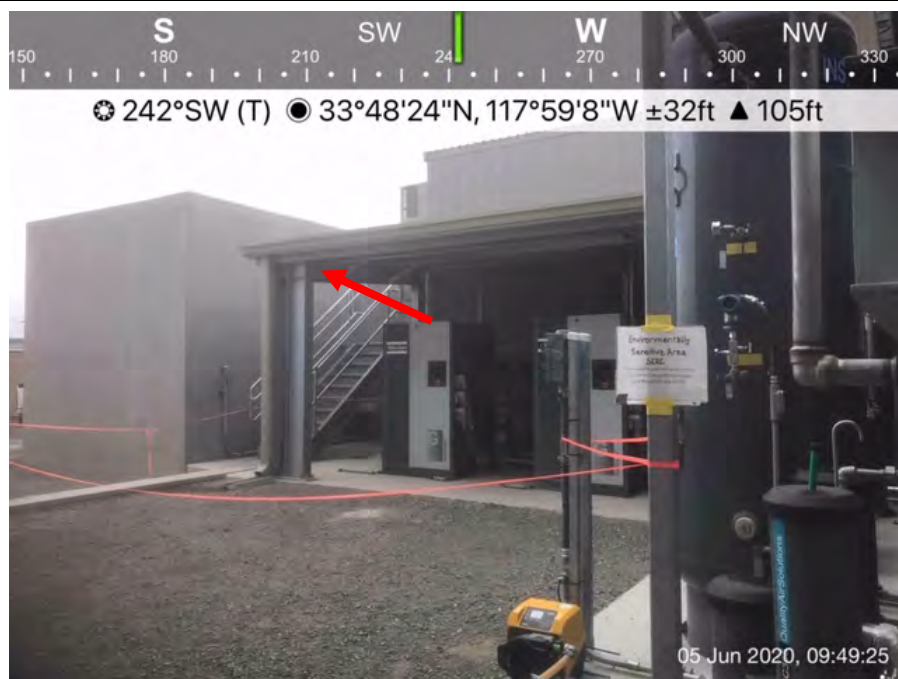
Photo 4



Location	SERC – Eastern Parcel	Description	An adult mourning dove was observed sitting low in the nest (MODO East #1) located in the air compressor awning of the East parcel, facing southeast. The adult was not disturbed by the presence of the biologist or nearby construction activities.
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Photo 5



Location	SERC – Eastern Parcel	Description	Overview of the MODO East #1 nest in the air compressor awning between Unit 1 and 2 of the East parcel, facing west. Construction activities near the nest buffer included foot traffic, control room operations, and work in Units 1 and 2.
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Photo 6



Location	SERC – Eastern Parcel	Description	Location of MODO East #4 in the overhead rack near the GSU in the East parcel, facing southeast. An adult was observed sitting on the nest in incubation position. Construction activities near the nest buffer included foot/vehicle traffic. The adult showed no signs of disturbance.
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Photo 7



Location	SERC – Eastern Parcel	Description	Work inside Unit 2 in the East parcel, facing northeast.
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## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
June 8, 2020		Cara Snellen		0930-1030
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
74-75	2-3	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 located in the SERC Eastern Parcel, SERC Western Parcel, in Parcel B, and near Parcel C/West Laydown Yard.

- **MODO nest #1 in Eastern Parcel (air compressor awning)** – Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- **MODO nest #4 in Eastern Parcel (GSU overhead rack-east)** –Active mourning dove nest located on a metal plate that connects a vertical beam to the lowest overhead wire rack (15 kV cable tray) near the point where the cable tray turns downward east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage.
- **MODO nest #5 in Western Parcel (RO system awning)** –Active mourning dove nest located on a beam ledge under the northeast 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 two posts supporting overhead pipes with flagging and signage.
- **HOSP nest (#7) in Parcel B** – Active house sparrow (*Passer domesticus*; HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- **HOSP nest (#3) east of Parcel C** – Active house sparrow nest located inside wire insulator directly west of a utility pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West Laydown Yard. The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the MBTA.

#### **SERC Site:**

**Eastern Parcel** – Ongoing activities included foot traffic; work inside Unit 1 and 2 (stacks); control room operations; access road vehicle traffic.

**Western Parcel** – Ongoing activities included above-ground BESS infrastructure construction; catwalk construction along cable rack spanning canal; material fabrication/inventory; movement of materials and equipment; foot/vehicle traffic.

**West Laydown Yard** – Ongoing activities included foot traffic.

#### **SERC Amendment Area:**

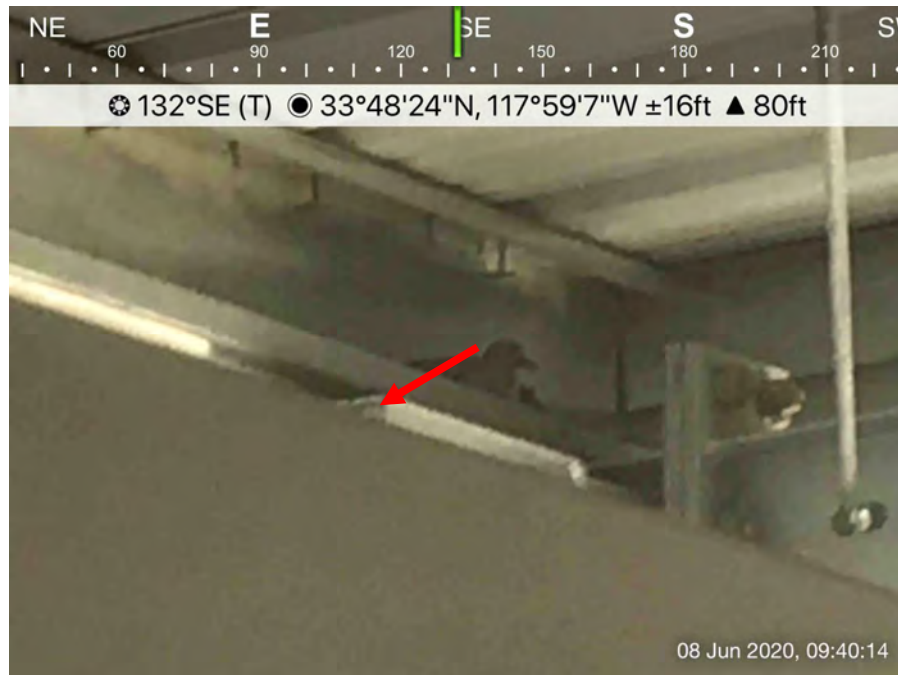
**Parcel B** –SERC construction activities during material inventory/movement in warehouses B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

**Parcel C** – Ongoing activities included parking; foot traffic.



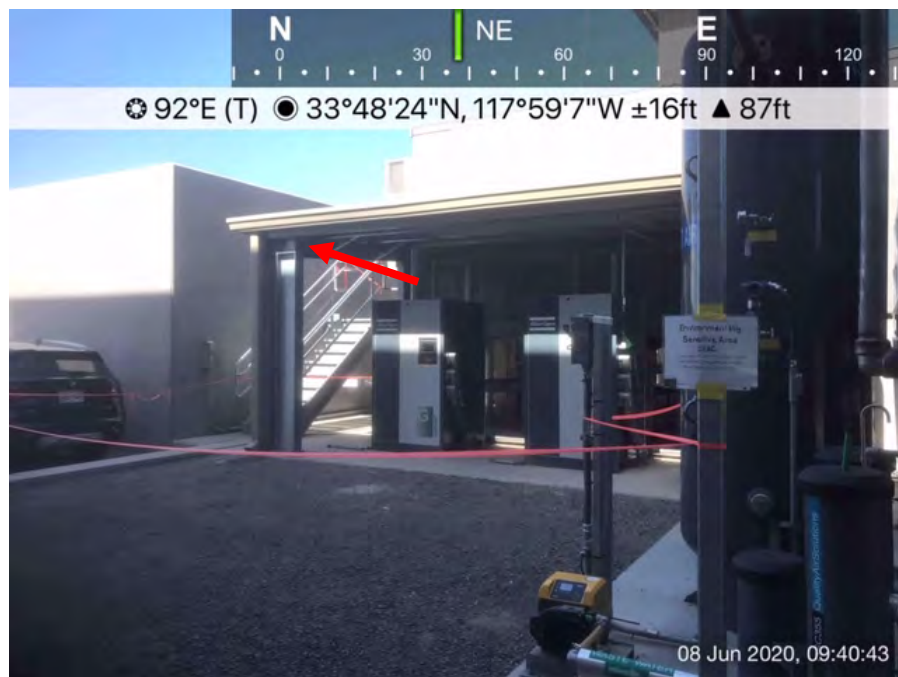
Summary of Biological Resources Monitoring Observations
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #1 in Eastern Parcel (air compressor awning)</b> –An adult mourning dove and one chick were observed sitting on the nest. No other mourning doves were observed nearby. The birds not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>MODO nest #4 in Eastern Parcel (GSU overhead rack-east)</b> – No nesting activity was observed and no mourning doves were present in the area. Status of the nest is unknown at this time.</li> <li><b>MODO nest #5 in Western Parcel (RO system awning)</b> – An adult mourning dove was observed sitting on the nest in incubation/brooding position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>HOSP nest (#7) in Parcel B</b> – An adult male house sparrow was observed perched next to the nest. A second house sparrow was observed exiting the nest and flying away. The birds were not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>HOSP nest (#3) east of Parcel C</b> – An adult female house sparrow was observed exiting the nest cavity. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>
Items Requiring Action/Follow-up
<ul style="list-style-type: none"> <li>No Items requiring follow-up. Monitoring of work will continue during Project construction activities.</li> </ul>
Wildlife Species Observed:
<p><b>Birds:</b> mourning dove, house finch (<i>Haemorrhous mexicanus</i>), house sparrow, Eurasian collared dove (<i>Streptopelia decaocto</i>), rock pigeon (<i>Columba livia</i>), Northern mockingbird (<i>Mimus polyglottos</i>), lesser goldfinch (<i>Spinus psaltria</i>), red-tailed hawk (<i>Buteo jamaicensis</i>)</p>

Photo 1



Location	SERC – Eastern Parcel	Description	An adult mourning dove and chick sitting low on the nest (MODO East #1), facing southeast. The birds were not disturbed by the presence of the biologist or nearby construction activities.
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Photo 2



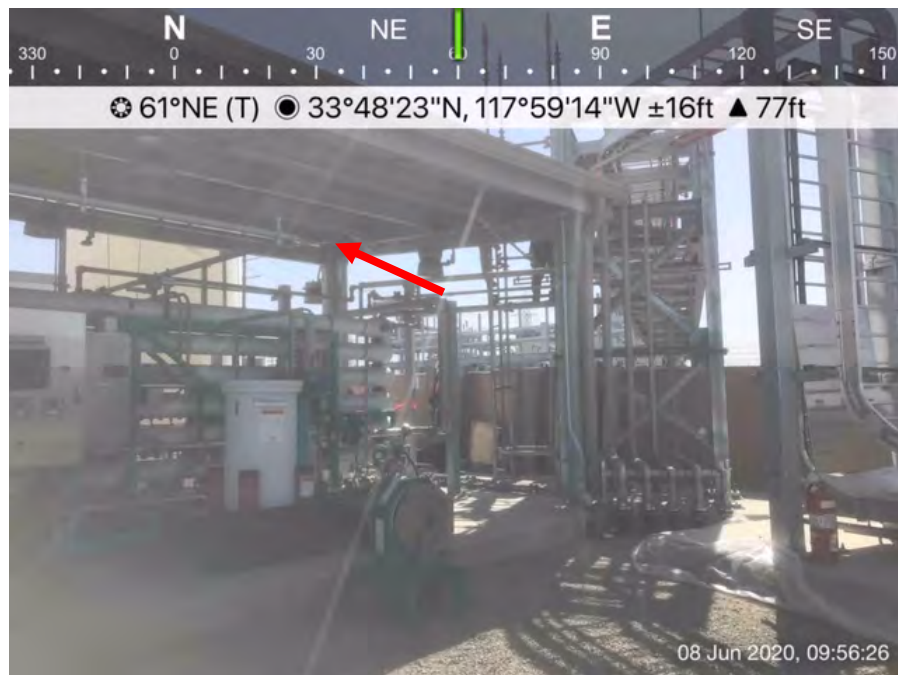
Location	SERC – Eastern Parcel	Description	Overview of the MODO East #1 nest in the air compressor awning between Unit 1 and 2 of the East parcel, facing southwest. Construction activities near the nest buffer included foot traffic, control room operations, and work inside Unit 1 and 2.
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Photo 3



Location	SERC – Eastern Parcel	Description	Overview of the nest located in the GSU overhead rack in the East parcel (MOD0 East #4), facing southwest. Construction activities near the nest buffer included foot/vehicle traffic. No nesting activity was observed and no mourning doves were present in the area.
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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 #5), northeast. Construction activities near the nest buffer included catwalk construction along the overhead rack spanning the canal. The adult showed no signs of disturbance.
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Photo 5



<b>Location</b>	SERC – Parcel B of the Amendment Area	<b>Description</b>	Overview of Nest #7 location (house sparrow), facing south. SERC construction activities included material inventory/movement in warehouse B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials. An adult female was observed exiting the nest. The adult showed no signs of disturbance.
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## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
June 9, 2020		Cara Snellen		0900-1100
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
86-88	3-5	0.0 in.	Good (10 mi.)	Clear/sunny

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

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs; 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; material fabrication/modification/inventory; movement of materials/equipment.

**Eastern Parcel** – Ongoing activities included control room operations; work in Unit 1 and 2; vehicle ingress/egress on access road; foot traffic.

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

**Eastern Laydown (SCE East parcel)** – Activities included material storage. Yard gate is locked and parcel is currently inaccessible.

**Gas Pipeline** – Activities included work inside electrical control room.

**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 warehouses B and C; foot traffic. Non-SERC activities included movement of materials; 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:**

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

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

- MODO nest #1 in Eastern Parcel (air compressor awning)** – An adult mourning dove (*Zenaida macroura*; MODO) and 2 chicks were observed sitting on the nest. No other mourning doves were observed nearby. The birds were not disturbed by the presence of the biologist or by nearby construction activities.
- HOSP nest (#3) east of Parcel C** – An adult male house sparrow (*Passer domesticus*; HOSP) was observed perched near the nest and vocalizing. Additional house sparrows were observed moving in/out of the area. The nest is presumed still active. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- HOSP nest (#7) in Parcel B** – No activity was observed and no house sparrows were present in the area. The status of the nest is currently unknown. House sparrows are introduced species not protected under provisions of the MBTA.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-east)** – No nesting activity was observed and no mourning doves were present in the area. Status of the nest is unknown at this time.
- MODO nest #5 in Western Parcel (RO system awning)** – An adult mourning dove and 1 chick were observed sitting on the nest. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or by nearby construction activities.

**Other Biological Resources Observations:**

- None

**Other Observations/Comments:**

- None

**Items Requiring Action/Follow-up**

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

**Wildlife Species Observed:**

**Birds:** mourning dove, house sparrow, Cooper's hawk, Northern mockingbird (*Mimus polyglottos*), house finch (*Haemorrhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), European starling (*Sturnus vulgaris*), lesser goldfinch (*Spinus psaltria*), barn swallow (*Hirundo rustica*)



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 southeast.
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Photo 2



Location	SERC – Western Parcel	Description	Infrastructure components preparation and adjustments in the West parcel, facing southwest.
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Photo 3



Location	SERC – Western Parcel	Description	Overview of the mourning dove nest buffer at the RO awning in the West parcel (MOD0 West #5), facing southwest. Construction activities near the nest buffer included material inventory/fabrication and foot traffic.
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Photo 4



Location	SERC – Western Parcel	Description	An adult mourning dove and 1 chick were observed sitting low in the nest (MOD0 West #5) located in the RO awning in the West parcel, facing north. The birds were not disturbed by the presence of the biologist or nearby construction activities.
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Photo 5



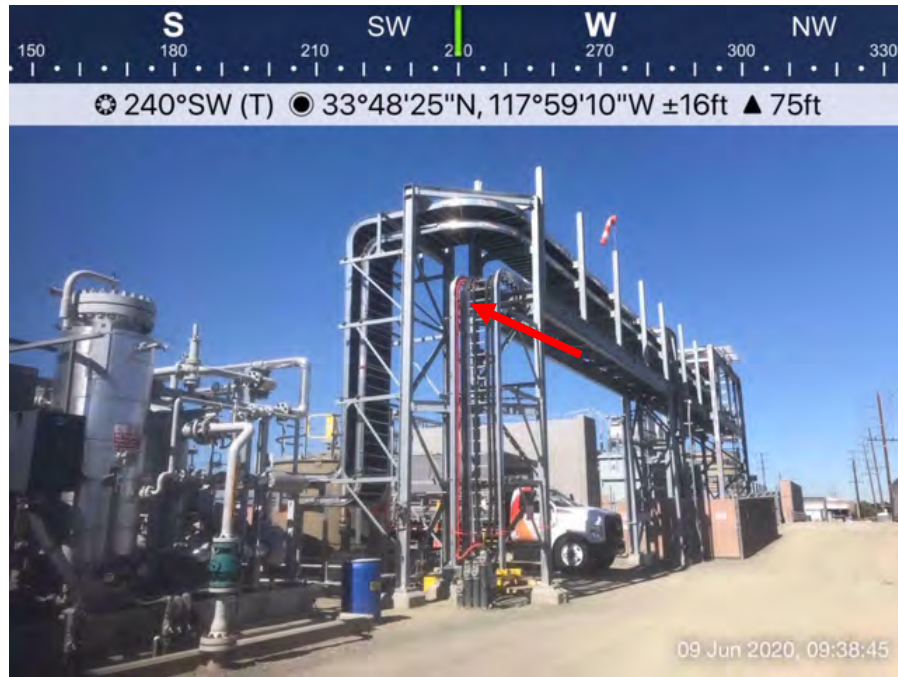
Location	SERC – Eastern Parcel	Description	Overview of the mourning dove nest buffer at the air compressor awning between Unit 1 and 2 of the East parcel (MODO East #1), facing west. Construction activities near the nest buffer included control room operations, work in Unit 1 and 2, and foot traffic.
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Photo 6



Location	SERC – Eastern Parcel	Description	An adult mourning dove and 2 chicks were observed sitting low in the nest (MODO Est #1) located in the air compressor awning in the East parcel, facing southeast. The birds were not disturbed by the presence of the biologist or nearby construction activities.
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Photo 7



Location	SERC – Eastern Parcel	Description	Location of MODO East #4 in the overhead rack near the GSU in the East parcel, facing southwest. Construction activities near the nest buffer included foot/vehicle traffic. No nesting activity was observed and no doves were present in the area.
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Photo 8



Location	SERC – Eastern Parcel	Description	Vehicles staged outside of Unit 1 of the East parcel as personnel worked inside, facing east.
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Photo 9



<b>Location</b>	Dale Avenue Gas Pipeline (SERC Eastern Parcel)	<b>Description</b>	Work inside the electrical control room in the gas pipeline area adjacent to the Dale Avenue entrance of the East parcel, facing west.
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Photo 10



<b>Location</b>	SERC – Parcel B of the Amendment Area	<b>Description</b>	Overview of Nest #7 location (house sparrow), facing south. SERC construction activities included material inventory/movement in warehouse B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials. No nesting activity was observed and no house sparrows were present in the area.
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## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
June 10, 2020		Cara Snellen		0900-1000
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
83-87	1-2	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 located in the SERC Eastern Parcel, SERC Western Parcel, in Parcel B, and near Parcel C/West Laydown Yard.

- **MODO nest #1 in Eastern Parcel (air compressor awning)** – Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- **MODO nest #4 in Eastern Parcel (GSU overhead rack-east)** –Active mourning dove nest located on a metal plate that connects a vertical beam to the lowest overhead wire rack (15 kV cable tray) near the point where the cable tray turns downward east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage.
- **MODO nest #5 in Western Parcel (RO system awning)** –Active mourning dove nest located on a beam ledge under the northeast 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 two posts supporting overhead pipes with flagging and signage.
- **HOSP nest (#7) in Parcel B** – Active house sparrow (*Passer domesticus*; HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- **HOSP nest (#3) east of Parcel C** – Active house sparrow nest located inside wire insulator directly west of a utility pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West Laydown Yard. The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the MBTA.

#### **SERC Site:**

**Eastern Parcel** – Ongoing activities included foot traffic; work inside Unit 1 and 2 (stacks); control room operations; access road vehicle traffic; parking.

**Western Parcel** – Ongoing activities included above-ground BESS infrastructure construction; catwalk construction along cable rack spanning canal; material fabrication/inventory; movement of materials and equipment; foot/vehicle traffic.

**West Laydown Yard** – Ongoing activities included foot traffic.

#### **SERC Amendment Area:**

**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
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #1 in Eastern Parcel (air compressor awning)</b> –Two chicks were observed sitting on the nest. No adult mourning doves were observed nearby. The chicks were not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>MODO nest #4 in Eastern Parcel (GSU overhead rack-east)</b> – No nesting activity was observed and no mourning doves were present in the area. No construction activities, other than minimal foot/vehicle traffic has occurred in the vicinity of the nest buffer in the last two weeks. Based on recent observations, the nest is now considered inactive (failed, non project-related).</li> <li><b>MODO nest #5 in Western Parcel (RO system awning)</b> – An adult mourning dove and one chick were observed sitting on the nest. No other mourning doves were observed nearby. The birds were not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>HOSP nest (#7) in Parcel B</b> – Several house sparrows were moving through the area but no nesting activity was observed. Based on recent observations, this nest is now considered inactive (fledged).</li> <li><b>HOSP nest (#3) east of Parcel C</b> – No nesting activity was observed and no house sparrows were present in the area. Based on recent observations, this nest is now considered inactive (fledged).</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>
Items Requiring Action/Follow-up
<ul style="list-style-type: none"> <li>No Items requiring follow-up. Monitoring of work will continue during Project construction activities.</li> </ul>
Wildlife Species Observed:
<p><b>Birds:</b> mourning dove, house finch (<i>Haemorhous mexicanus</i>), house sparrow, Eurasian collared dove (<i>Streptopelia decaocto</i>), rock pigeon (<i>Columba livia</i>), Northern mockingbird (<i>Mimus polyglottos</i>)</p>



Photo 1



Location	SERC – Eastern Parcel	Description	Two mourning dove chicks were observed sitting low on the nest (MODO East #1), facing southeast. The birds were not disturbed by the presence of the biologist or nearby construction activities.
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Photo 2



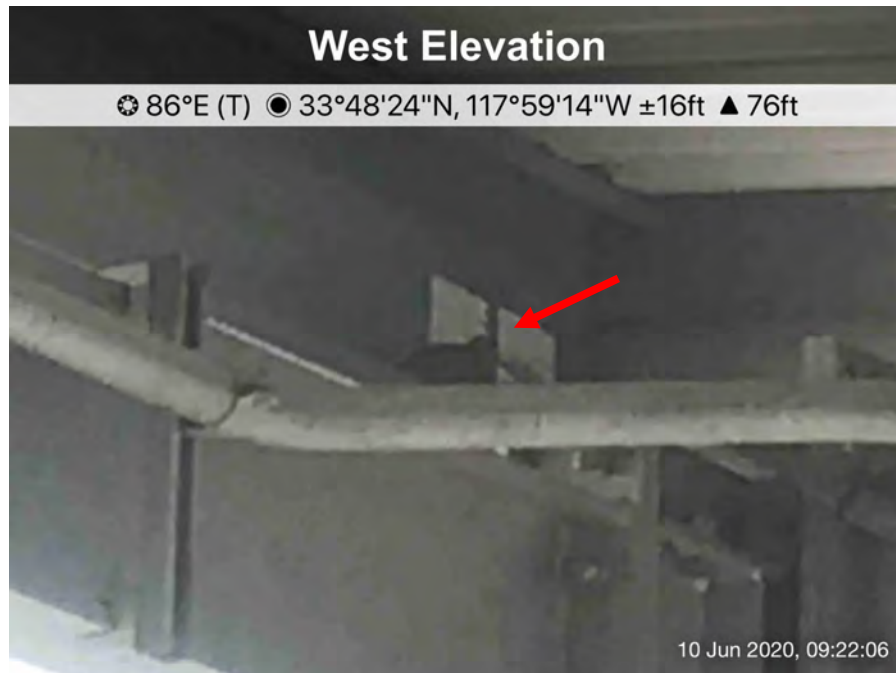
Location	SERC – Eastern Parcel	Description	Overview of the MODO East #1 nest in the air compressor awning between Unit 1 and 2 of the East parcel, facing west. Construction activities near the nest buffer included foot traffic, control room operations, work inside Unit 1 and 2, and parking.
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Photo 3



<b>Location</b>	SERC – Eastern Parcel	<b>Description</b>	Overview of the nest located in the GSU overhead rack in the East parcel (MOD0 East #4), facing west. No nesting activity has been observed and no mourning doves have been present in the area for several days. The nest is considered inactive and the buffer has been removed.
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Photo 4



<b>Location</b>	SERC – Western Parcel	<b>Description</b>	An adult mourning dove and one chick were observed sitting low on the nest (MOD0 West #5), facing east. The birds were not disturbed by the presence of the biologist or nearby construction activities.
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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 #5), facing southwest. Construction activities near the nest buffer included catwalk construction along the overhead rack spanning the canal and foot traffic.
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## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
June 11, 2020					Cara Snellen		0900-1000	
Temperature (°F)		Wind (mph)	Precipitation amount	Visibility	Weather Comment			
74-79		2-3	0.0 in.	Good (10 mi.)	Clear/sunny			
<b>Location(s) of Work Site Activities Monitored</b>								
<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"> <li><b>MODO nest #1 in Eastern Parcel (air compressor awning)</b> – Active mourning dove (<i>Zenaida macroura</i>; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.</li> <li><b>MODO nest #5 in Western Parcel (RO system awning)</b> –Active mourning dove nest located on a beam ledge under the northeast 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 two posts supporting overhead pipes with flagging and signage.</li> </ul> <p><b>SERC Site:</b></p> <p><b>Eastern Parcel</b> – Ongoing activities included foot traffic; work inside Unit 1 and 2 (stacks); control room operations; access road vehicle traffic; parking.</p> <p><b>Western Parcel</b> – Ongoing activities included above-ground BESS infrastructure construction; catwalk construction along cable rack spanning canal; material fabrication/inventory; movement of materials and equipment; foot/vehicle traffic.</p> <p><b>West Laydown Yard</b> – Ongoing activities included foot traffic.</p> <p><b>East Laydown Yard</b> – Ongoing activities included material storage. Gate is locked and site is currently inaccessible.</p> <p><b>SERC Amendment Area:</b></p> <p><b>Parcel A</b> – Ongoing activities included parking; foot traffic.</p> <p><b>Parcel B</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><b>Parcel C</b> – Ongoing activities included parking; foot traffic.</p>								
<b>Summary of Biological Resources Monitoring Observations</b>								
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #1 in Eastern Parcel (air compressor awning)</b> –Two chicks were observed sitting on the nest. No adult mourning doves were observed nearby. The chicks were not disturbed by the presence of the biologist or nearby construction activities.</li> <li><b>MODO nest #5 in Western Parcel (RO system awning)</b> – An adult mourning dove and one chick were observed sitting on the nest. No other mourning doves were observed nearby. The birds were not disturbed by the presence of the biologist or nearby construction activities.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>								

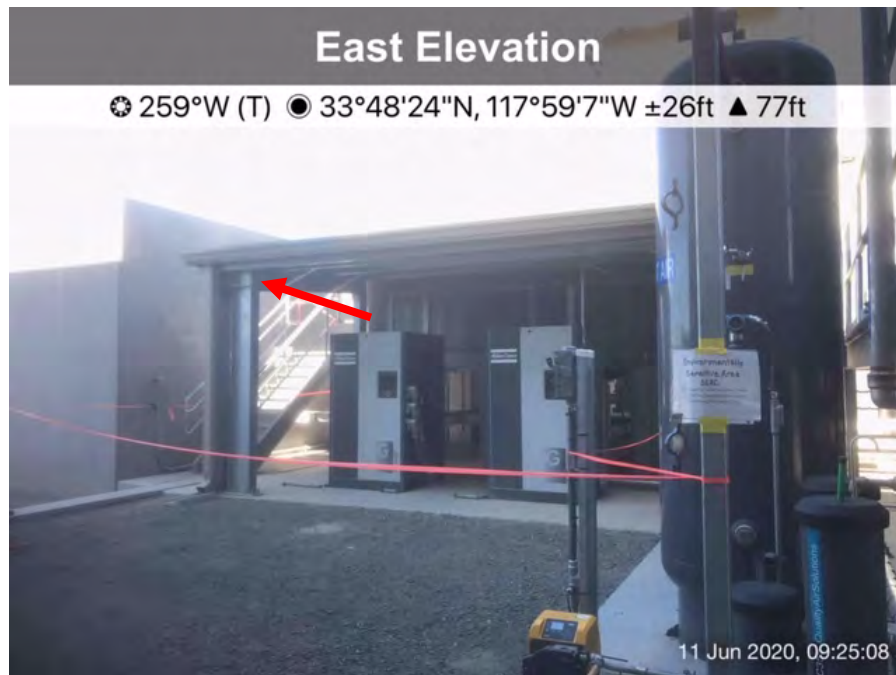
Items Requiring Action/Follow-up
<ul style="list-style-type: none"><li>No Items requiring follow-up. Monitoring of work will continue during Project construction activities.</li></ul>
Wildlife Species Observed:
<b>Birds:</b> mourning dove, house finch ( <i>Haemorhous mexicanus</i> ), house sparrow (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

Photo 1



<b>Location</b>	SERC – Eastern Parcel	<b>Description</b>	Two mourning dove chicks were observed sitting low on the nest (MODO East #1), facing southeast. The birds were not disturbed by the presence of the biologist or nearby construction activities.
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Photo 2



<b>Location</b>	SERC – Eastern Parcel	<b>Description</b>	Overview of the MODO East #1 nest in the air compressor awning between Unit 1 and 2 of the East parcel, facing west. Construction activities near the nest buffer included foot traffic, control room operations, work inside Unit 1 and 2, and parking.
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Photo 3



Location

SERC – Western Parcel

Description

An adult mourning dove and one chick were observed sitting low on the nest (MOD0 West #5), facing east. The birds were not disturbed by the presence of the biologist or nearby construction activities.

Photo 4



Location

SERC – Western Parcel

Description

Overview of the nest located in the RO system awning in the West parcel (MOD0 West #5), facing south. Construction activities near the nest buffer included catwalk construction along the overhead rack spanning the canal and foot traffic.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
June 12, 2020		Cara Snellen		0900-1100
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
71-74	2-3	0.0 in.	Good (10 mi.)	Clear/sunny
<b>Location(s) of Work Site Activities Monitored</b>				
<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><b>SERC Site:</b></p> <p><b>Western Parcel</b> – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; material fabrication/modification/inventory; movement of materials/equipment.</p> <p><b>Eastern Parcel</b> – Ongoing activities included set-up for overhead rack cable pull; control room operations; work in Unit 1 and 2; vehicle ingress/egress on access road; foot traffic.</p> <p><b>Western Laydown (SCE West parcel)</b> – Activities included foot traffic.</p> <p><b>Eastern Laydown (SCE East parcel)</b> – Activities included material storage. Yard gate is locked and parcel is currently inaccessible.</p> <p><b>Gas Pipeline</b> – No SERC-related activities.</p> <p><b>Church Parking Lot</b> – No SERC-related activities.</p> <p><b>SERC Amendment Area:</b></p> <p><b>Parcel A</b> – Activities included parking; foot traffic.</p> <p><b>Parcel B</b> – Activities included material inventory/movement at warehouses B and C; foot traffic. Non-SERC activities included movement of materials; foot traffic.</p> <p><b>Parcel C</b> – Activities included parking; foot traffic.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #1 in Eastern Parcel (air compressor awning)</b> – Two mourning dove (<i>Zenaida macroura</i>; MODO) chicks were observed sitting on the nest. No adults mourning doves were observed nearby. The chicks were not disturbed by the presence of the biologist or by nearby construction activities.</li> <li><b>MODO nest #5 in Western Parcel (RO system awning)</b> – Two adult mourning dove chicks were observed sitting on the nest. No adult mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or by nearby construction activities.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				
<ul style="list-style-type: none"> <li>No Items requiring follow-up. Monitoring of work will continue during Project construction activities.</li> </ul>				

**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*), European starling (*Sturnus vulgaris*), common raven (*Corvus corax*), red-tailed hawk (*Buteo jamaicensis*)

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.

Photo 2



Location

SERC – Western Parcel

Description

Material storage and inventory in the West parcel, facing south.



Photo 3



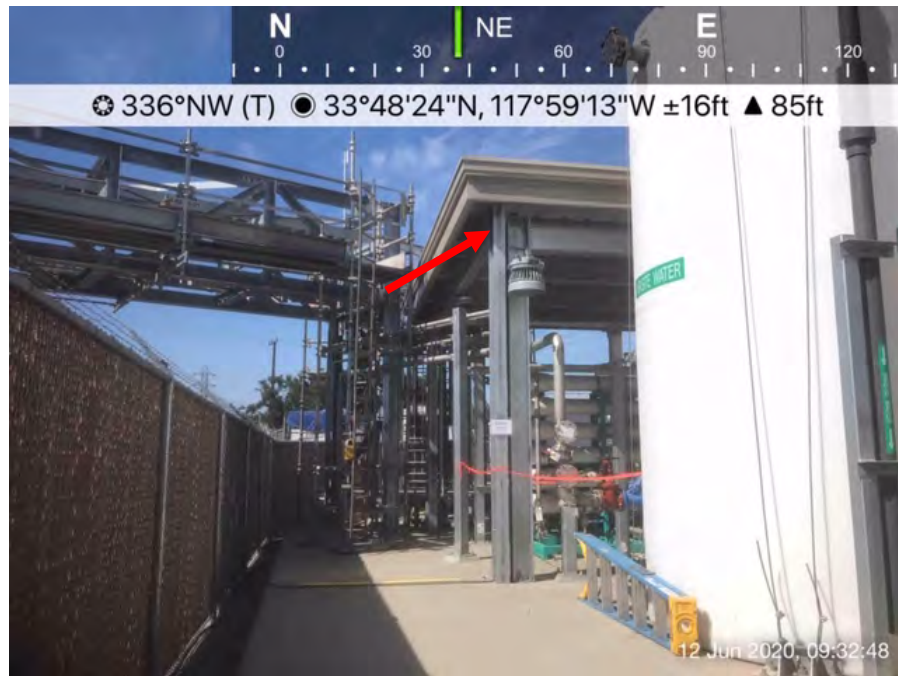
Location

SERC – Western Parcel

Description

Offloading of delivered materials in the West parcel, facing southwest.

Photo 4



Location

SERC – Western Parcel

Description

Overview of the mourning dove nest buffer at the RO awning in the West parcel (MOD0 West #5), facing southwest. Construction activities near the nest buffer included material inventory/fabrication and foot traffic.



Photo 5



Location

SERC – Western Parcel

Description

Two adult mourning dove chicks were observed sitting low in the nest (MODO West #5) located in the RO awning in the West parcel, facing north. The birds were not disturbed by the presence of the biologist or nearby construction activities.

Photo 6



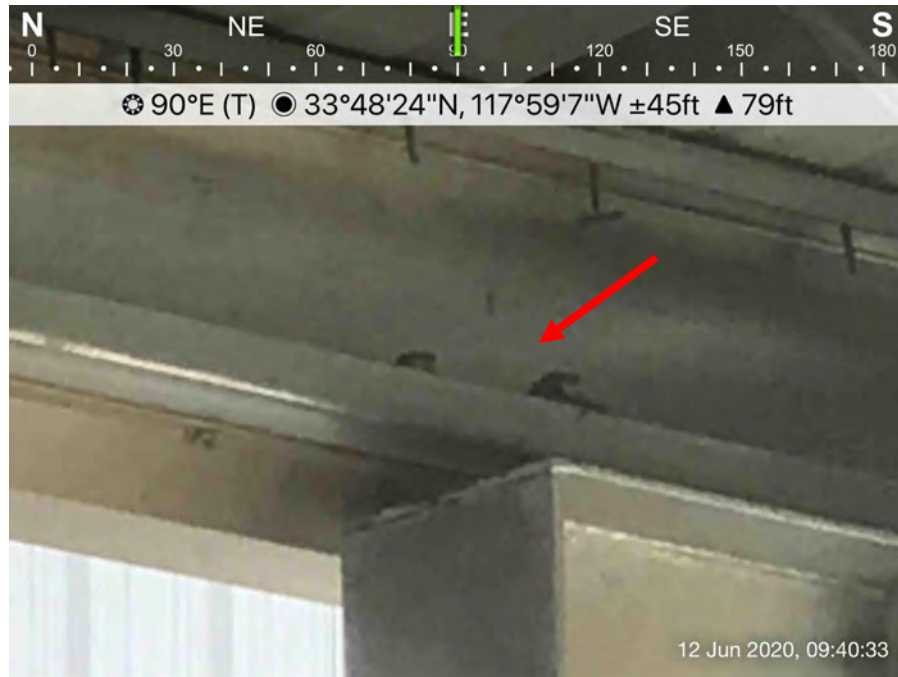
Location

SERC – Eastern Parcel

Description

Overview of the mourning dove nest buffer at the air compressor awning between Unit 1 and 2 of the East parcel (MODO East #1), facing west. Construction activities near the nest buffer included control room operations, work in Unit 1 and 2, and foot traffic.

Photo 7



Location	SERC – Eastern Parcel	Description	Two mourning dove chicks were observed sitting low in the nest (MOD0 East #1) located in the air compressor awning in the East parcel, facing east. The birds were not disturbed by the presence of the biologist or nearby construction activities.
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Photo 8



Location	SERC – Eastern Parcel	Description	Staging of materials and equipment in preparation for the cable pull along the overhead rack connecting the East and West parcels, facing southwest.
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Photo 9



Location

SERC – Eastern Parcel

Description

Vehicles staged outside of Unit 1 of the East parcel as personnel worked inside, facing east.

Photo 10



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 south. 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)
June 15, 2020		Cara Snellen		0845-1015
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
74-79	2-3	0.0 in.	Good (10 mi.)	Clear/sunny
<b>Location(s) of Work Site Activities Monitored</b>				
<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"> <li><b>MODO nest #1 in Eastern Parcel (air compressor awning)</b> – Active mourning dove (<i>Zenaida macroura</i>; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.</li> <li><b>MODO nest #5 in Western Parcel (RO system awning)</b> –Active mourning dove nest located on a beam ledge under the northeast 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 two posts supporting overhead pipes with flagging and signage.</li> </ul> <p><b>SERC Site:</b></p> <p><b>Eastern Parcel</b> – Ongoing activities included foot traffic; overhead rack cable pull; work inside Unit 1 and 2; control room operations; parking.</p> <p><b>Western Parcel</b> – Ongoing activities included above-ground BESS infrastructure construction; overhead rack cable pull; material fabrication/inventory; movement of materials and equipment; foot/vehicle traffic.</p> <p><b>West Laydown Yard</b> – Ongoing activities included foot traffic.</p> <p><b>East Laydown Yard</b> – Ongoing activities included material storage. Gate is locked and parcel is currently inaccessible.</p> <p><b>SERC Amendment Area:</b></p> <p><b>Parcel A</b> – Ongoing activities included parking; foot traffic.</p> <p><b>Parcel B</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><b>Parcel C</b> – Ongoing activities included parking; foot traffic.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #1 in Eastern Parcel (air compressor awning)</b> –No nesting activity was observed and no mourning doves were present in the area. Based on recent observations, this nest has successfully fledged and is now inactive. The buffer and signage have been removed (see photo 1).</li> <li><b>MODO nest #5 in Western Parcel (RO system awning)</b> – Two adult mourning doves were perched in various locations near the nest. Each adult consecutively entered the nest and fed at least one chick. The birds were not disturbed by the presence of the biologist or nearby construction activities.</li> <li>An active mourning dove nest (MODO East #6) was observed on the upper beam ledge in the southeast corner of the trash enclosure near the Dale Avenue entrance in the East parcel (see photos 5-7). The nest is located where the supporting vertical corner post connects with the beam ledge. The biologist observed nesting material hanging off the beam ledge and an adult mourning dove sitting in incubation position. A second adult was observed perched nearby (outside of the enclosure). Neither adult was disturbed by the presence of the biologist. The nest location is approximately 10 feet above the ground and is partially concealed by the vertical post, the beam ledge,</li> </ul>				

and surrounding trash enclosure walls. Given the height of the nest and the presence of an incubating adult, the presence/number of eggs could not be determined. No work is anticipated near the nest for the duration of the project. Nearby construction activities in the area include foot traffic and work inside Unit 1, located approximately 75 feet away. A no-disturbance buffer was established in front of the trash enclosure opening, which is approximately 10 feet north of the nest, with flagging and signage to prevent entry. The walls of the enclosure form a barrier to the east, south, and west. Coordinates: 33.8069017, -117.9847568 (see Wildlife Observation Form).

**Other Biological Resources Observations:**

- None

**Other Observations/Comments:**

- None

**Items Requiring Action/Follow-up**

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

**Wildlife Species Observed:**

**Birds:** mourning dove, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), barn swallow (*Hirundo rustica*), killdeer (*Charadrius vociferus*)

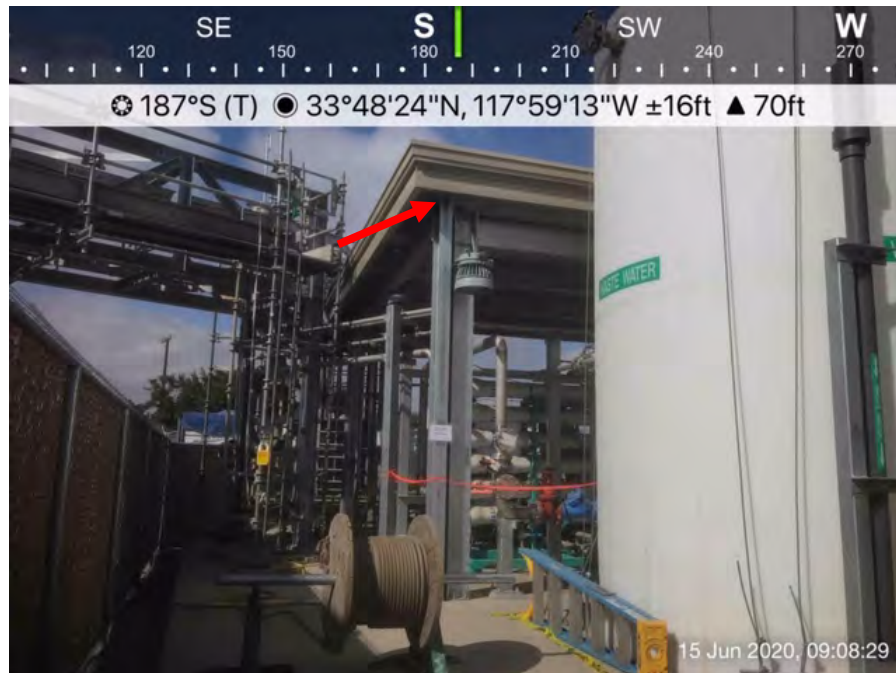


Photo 1



Location	SERC – Eastern Parcel	Description	No nesting activity was observed at the MODO East #1 nest located in the air compressor awning between units 1 and 2 in the East parcel, facing west. No mourning doves were present in the area. Based on recent observations, this nest has successfully fledged and is now inactive. The buffer and signage have been removed
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Photo 2



Location	SERC – Western Parcel	Description	Overview of the nest located in the RO system awning in the West parcel (MODO West #5), facing south. Construction activities near the nest buffer included overhead rack cable pull and foot traffic.
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Photo 3



Location

SERC – Western Parcel

Description

An adult mourning dove was observed feeding a chick in the nest (MOD0 West #5), facing north. The birds were not disturbed by the presence of the biologist or nearby construction activities.

Photo 4



Location

SERC – Western Parcel

Description

Two adult mourning doves switching places on the nest (MOD0 West #5) to feed a chick, facing south.

Photo 5



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 southeast. An adult was observed sitting in incubation position on nesting material.
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Photo 6



Location	SERC – Eastern Parcel	Description	The new MOD0 East #6 nest is located on the upper beam in the southeast back corner of the trash enclosure, facing southeast. The nest location is approximately 10 feet above the ground and is partially concealed by the vertical post, the beam ledge, and surrounding trash enclosure walls. .
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Photo 7



Location	SERC – Eastern Parcel	Description	Overview of the nest located in the trash enclosure near the Dale Avenue entrance in the East parcel (MODO East #6), facing southeast. Construction activities near the nest included foot traffic and work inside Unit 1, located approximately 75 feet away. A no-disturbance buffer was established in front of the trash enclosure opening, which is approximately 10 feet north of the nest, with flagging and signage to prevent entry. The walls of the enclosure form a barrier to the east, south, and west.
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## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
June 16, 2020		Cara Snellen		0915-1030 and 1130-1230
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
67-70	1-3	0.0 in.	Good (10 mi.)	Cloudy/overcast
<b>Location(s) of Work Site Activities Monitored</b>				
<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"> <li><b>MODO nest #5 in Western Parcel (RO system awning)</b> –Active mourning dove (<i>Zenaida macroura</i>; MODO) nest located on a beam ledge under the northeast 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 two posts supporting overhead pipes with flagging and signage.</li> <li><b>MODO nest #6 in Eastern Parcel (trash enclosure)</b> – Active mourning dove 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.</li> </ul> <p><b>SERC Site:</b></p> <p><b>Eastern Parcel</b> – Ongoing activities included foot traffic; overhead rack cable pull; work inside Unit 1 and 2; control room operations; parking.</p> <p><b>Western Parcel</b> – Ongoing activities included above-ground BESS infrastructure construction; overhead rack cable pull; material fabrication/inventory; movement of materials and equipment; foot/vehicle traffic.</p> <p><b>West Laydown Yard</b> – Ongoing activities included foot traffic.</p> <p><b>East Laydown Yard</b> – Ongoing activities included material storage. Gate is locked and parcel is currently inaccessible.</p> <p><b>SERC Amendment Area:</b></p> <p><b>Parcel A</b> – Ongoing activities included parking; foot traffic.</p> <p><b>Parcel B</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><b>Parcel C</b> – Ongoing activities included parking; foot traffic.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #5 in Western Parcel (RO system awning)</b> – No nesting activity was observed and no mourning doves were present near the nest. Based on recent observations, this nest has successfully fledged and is now inactive. The nesting material was removed to discourage additional activity. The buffer and signage have been removed (see photo 1-2).</li> <li><b>MODO nest #6 in Eastern Parcel (trash enclosure)</b> – An adult mourning dove 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. No construction activities were occurring near the nest.</li> <li>A pair of mourning doves were observed walking along the beam ledges under the perimeter of the RO awning in the West parcel. One of the adults briefly sat on some nesting material located in the southwest corner of the awning beams (see photo 5). Once the pair left the area, the biologist supervised construction personnel accessing the beams to determine if the nest was active. A photo was taken of the nesting material and the biologist confirmed that no eggs were present (see photo 6). The biologist then supervised the removal of the nesting</li> </ul>				

material. Construction personnel took a photo of additional nesting material observed on the southern beam ledge. The biologist confirmed that the nest was old/inactive with no eggs and the nesting material was removed (see photo 7).

- Construction personnel reported nesting activity on the overhead cable rack near the GSU in the East parcel (see photo 8). The biologist observed a pair of adult Eurasian collared doves (*Streptopelia decaocto*; ECDO) walking around the rack and flying in the area. Nesting material was present on a block of pipes directly below the overhead cable rack and one of the adults briefly sat on the material (see photo 9). The nest is partially exposed underneath and no egg was observed. The nest was left intact as it is currently inaccessible. 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:**

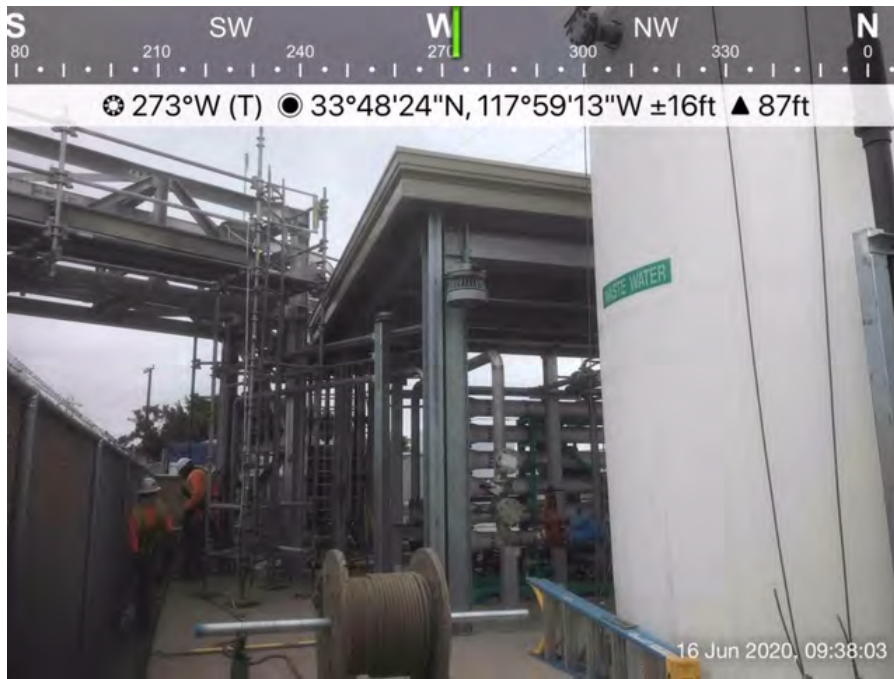
**Birds:** mourning dove, Eurasian collared dove, house finch (*Haemorrhous mexicanus*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), common raven (*Corvus corax*)

Photo 1



Location	SERC – Western Parcel	Description	No nesting activity was observed at the MODO West #5 nest located in the RO system awning in the West parcel. No mourning doves were present near the nest. Based on recent observations, this nest has successfully fledged and is now inactive. The nest was confirmed to be empty/inactive and was removed.
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Photo 2



Location	SERC – Western Parcel	Description	Overview of the nest located in the RO system awning in the West parcel (MODO West #5), facing southwest. The nest is now inactive and the buffer flagging/signage was removed.
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Photo 3



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 position and showed no signs of disturbance.

Photo 4



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 and work inside Unit 1, located approximately 75 feet away



Photo 5



Location

SERC – Western Parcel

Description

Location of mourning dove activity and associated nesting material in the southwest corner of the RO awning in the West parcel, facing southeast.

Photo 6



Location

SERC – Western Parcel

Description

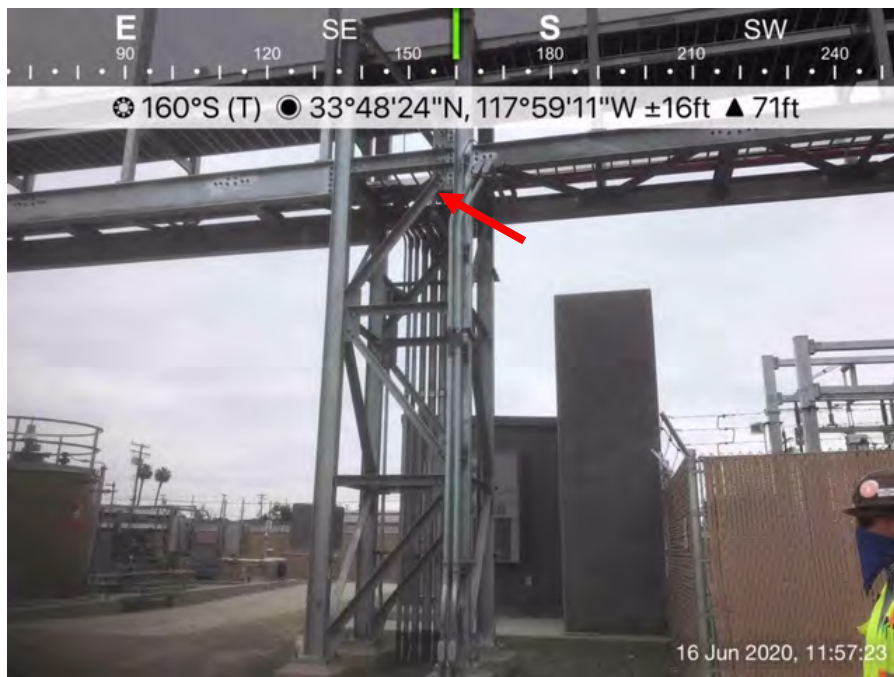
No eggs were present in the pile of nesting material located in the southwest corner of the RO awning in the West parcel. The nesting material was subsequently removed.

Photo 7



Location	SERC – Western Parcel	Description	Nesting material was also observed on the southern beam ledge of the RO awning in the West parcel. The nest was confirmed to be old/inactive and was removed.
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Photo 8



Location	SERC – Eastern Parcel	Description	Location of nesting activity observed by construction personnel in the East parcel, facing south. Birds were present in the area and nesting material had been placed on a block of pipes directly under the overhead cable rack near the GSU.
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Photo 9



<b>Location</b>	SERC – Eastern Parcel	<b>Description</b>	A pair of adult Eurasian collared doves was observed perched on the overhead cable rack and one of the adults briefly sat on the nesting material. No eggs were observed on the nesting material, which is partially exposed underneath. The nest was left intact as it is currently inaccessible. 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)	
June 17, 2020		Cara Snellen		0915-1140	
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment	
68-72	3-5	0.0 in.	Good (10 mi.)	Cloudy/overcast	
<b>Location(s) of Work Site Activities Monitored</b>					
<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><b>SERC Site:</b></p> <p><b>Western Parcel</b> – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; cable rack pull; material fabrication/modification/inventory; movement of materials/equipment; foot/vehicle traffic.</p> <p><b>Eastern Parcel</b> – Ongoing activities included overhead rack cable pull; control room operations; work in Unit 2; foot traffic; parking.</p> <p><b>Western Laydown (SCE West parcel)</b> – Activities included foot traffic.</p> <p><b>Eastern Laydown (SCE East parcel)</b> – Activities included material storage. Yard gate is locked and parcel is currently inaccessible.</p> <p><b>Gas Pipeline</b> – No SERC-related activities.</p> <p><b>Church Parking Lot</b> – No SERC-related activities.</p> <p><b>SERC Amendment Area:</b></p> <p><b>Parcel A</b> – Activities included parking; foot traffic.</p> <p><b>Parcel B</b> – Activities included material inventory/movement at warehouses B and C; foot traffic. Non-SERC activities included movement of materials; foot traffic.</p> <p><b>Parcel C</b> – Activities included parking; foot traffic.</p>					
<b>Summary of Biological Resources Monitoring Observations</b>					
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"><li>• None</li></ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"><li>• <b>MODO nest #6 in Eastern Parcel (trash enclosure)</b> – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. No adults mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist. No construction activities were occurring in the vicinity of the nest.</li><li>• An active mourning dove nest (MODO West #7) was observed on a beam ledge under the southwest corner of the RO system awning in the West parcel. The nest is located where the supporting vertical corner post connects with the beam ledge. The biologist observed nesting material hanging off the beam ledge and an adult mourning dove sitting in incubation position. A second adult made multiple trips to the nest with nesting material. Neither adult was disturbed by the presence of the biologist or nearby construction activities. The nest location is approximately 12 feet above the ground and is partially concealed by the vertical post, the beam ledge, the awning cover, and surrounding awning infrastructure. Given the height of the nest and the presence of an incubating adult, the presence/number of eggs could not be determined. Construction activities in the area included the foot traffic and the cable pull along the rack connecting BESS and the GSU in the East parcel. However, construction activities are visually buffered by the large RO tank to the north and the surrounding RO awning infrastructure. In addition, no work will be conducted near the nest until the BESS is complete and the RO system is connected (estimate 1 month). A no-disturbance buffer was established below the nest around the main vertical post and adjacent pipes/posts with flagging and signage, incorporating existing infrastructure as necessary. The flagged area was</li></ul>					

<p>limited due to the presence of the emergency eyewash station below the nest site. As the eyewash station must be accessible, a cone was placed directly north of the eye wash station as a visual extension of the buffer. With the cone incorporated, the buffer is approximately 5x5 feet in size. Coordinates: 33.8067094, -117.9872168.</p> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"><li>• None</li></ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"><li>• None</li></ul>
<b>Items Requiring Action/Follow-up</b>
<ul style="list-style-type: none"><li>• No Items requiring follow-up. Monitoring of work will continue during Project construction activities.</li></ul>
<b>Wildlife Species Observed:</b>
<p><b>Birds:</b> 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>), European starling (<i>Sturnus vulgaris</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), barn swallow (<i>Hirundo rustica</i>), killdeer (<i>Charadrius vociferus</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 south.
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Photo 2



Location	SERC – Western Parcel	Description	Construction activities associated with the rack cable pull and connection to the BESS in the West parcel, facing southeast.
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Photo 3



Location

SERC – Western Parcel

Description

Supporting activities for the rack cable pull along the southern boundary of the West parcel, facing west.

Photo 4



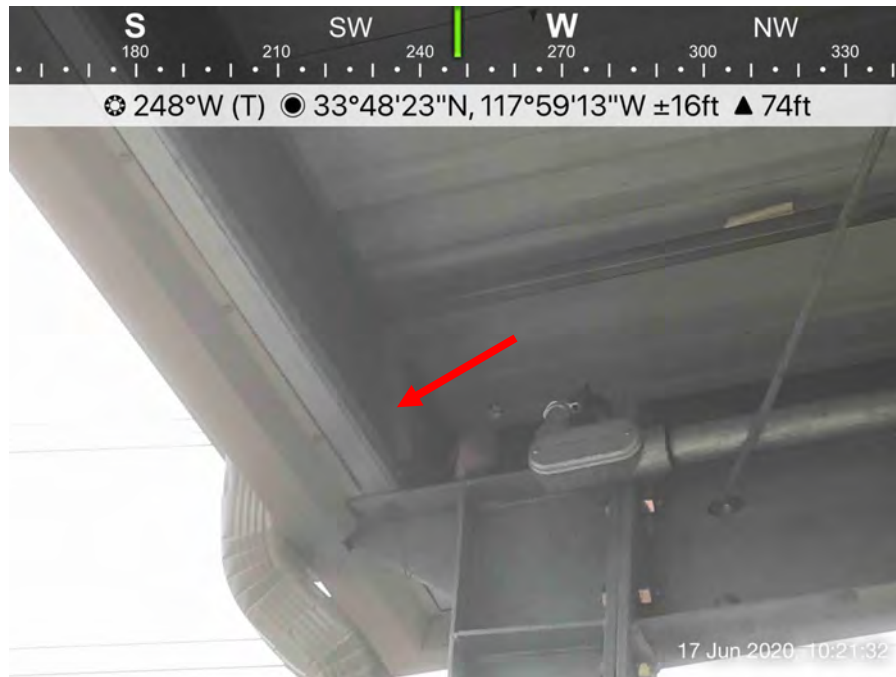
Location

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 rack cable pull 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 west. A second adult was observed making several trips with nesting material. The birds were not disturbed by the presence of the biologist or nearby construction activities.
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Photo 6



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. No construction activities were occurring near the nest buffer.
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Photo 7



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.

Photo 8



Location

SERC – Eastern Parcel

Description

Construction activities associated with the cable pull along the overhead rack in the East parcel, facing southeast.

Photo 9



<b>Location</b>	SERC – Eastern Parcel	<b>Description</b>	Vehicles staged outside of Unit 2 of the East parcel as personnel worked inside, facing west.
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Photo 10



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

Date		Monitor		Time (Begin-End)
June 18, 2020		Cara Snellen		1000-1100
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
66	3-5	0.0 in.	Good (10 mi.)	Cloudy/overcast

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

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffers in/near the SERC site and the SERC amendment area. Nests are 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; overhead rack cable pull; work inside Unit 1 and 2; control room operations; parking.

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

**West Laydown Yard** – Ongoing activities included foot traffic.

**East Laydown Yard** – Ongoing activities included material storage. 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 position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist. No construction activities were occurring near the nest.
- **MODO nest #7 in Western Parcel (RO system awning)** – No nesting activity was observed and no mourning doves were present near the nest. The nest is inaccessible and the presence of eggs cannot be confirmed. The status of the nest is unknown at this time.

**Other Biological Resources Observations:**

- None

**Other Observations/Comments:**

- None



Items Requiring Action/Follow-up
<ul style="list-style-type: none"><li>No Items requiring follow-up. Monitoring of work will continue during Project construction activities.</li></ul>
Wildlife Species Observed:
<b>Birds:</b> mourning dove, Eurasian collared dove, house finch ( <i>Haemorhous mexicanus</i> ), rock pigeon ( <i>Columba livia</i> ), Northern mockingbird ( <i>Mimus polyglottos</i> ), European starling ( <i>Sturnus vulgaris</i> ), house sparrow ( <i>Passer domesticus</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 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 and work inside Unit 1, located approximately 75 feet away.
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Photo 3



Location

SERC – Western Parcel

Description

Closeup of active mourning dove nest (MOD0 West #7) in the RO system awning in the West parcel, facing west. No nesting activity was observed and no mourning doves were present in the area.

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 rack cable pull.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
June 19, 2020		Cara Snellen		0900-1100
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
69-71	2-3	0.0 in.	Good (10 mi.)	Cloudy/overcast to partly cloudy
<b>Location(s) of Work Site Activities Monitored</b>				
<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><b>SERC Site:</b></p> <p><b>Western Parcel</b> – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; cable rack pull; material fabrication/modification/inventory; movement of materials/equipment; foot/vehicle traffic.</p> <p><b>Eastern Parcel</b> – Ongoing activities included overhead rack cable pull; control room operations; work in Unit 1 and 2; foot traffic; parking.</p> <p><b>Western Laydown (SCE West parcel)</b> – Activities included foot traffic.</p> <p><b>Eastern Laydown (SCE East parcel)</b> – Activities included material storage. Yard gate is locked and parcel is currently inaccessible.</p> <p><b>Gas Pipeline</b> – No SERC-related activities.</p> <p><b>Church Parking Lot</b> – No SERC-related activities.</p> <p><b>SERC Amendment Area:</b></p> <p><b>Parcel A</b> – Activities included parking; foot traffic.</p> <p><b>Parcel B</b> – Activities included material inventory/movement at warehouses B and C; foot traffic. Non-SERC activities included movement of materials; foot traffic.</p> <p><b>Parcel C</b> – Activities included parking; foot traffic.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #6 in Eastern Parcel (trash enclosure)</b> – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. No adults mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist. No construction activities were occurring in the vicinity of the nest.</li> <li><b>MODO nest #7 in Western Parcel (RO system awning)</b> – An adult mourning dove was observed sitting low on the nest in incubation position. No adults mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				

- 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 (*Haemorrhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferus*), black phoebe (*Sayornis nigricans*), 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.

Photo 2



Location

SERC – Western Parcel

Description

Construction activities associated with the rack cable pull, including BESS electrical panel adjustments, in the West parcel, facing southeast.



Photo 3



Location

SERC – Western Parcel

Description

Material fabrication and inventory in the West parcel, facing southeast.

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 south. Construction activities near the nest buffer included rack cable pull 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 southeast. 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	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. No construction activities were occurring near the nest buffer.
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Photo 7



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 8



Location	SERC – Eastern Parcel	Description	Construction activities associated with the cable pull along the overhead rack in the East parcel, facing southeast.
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Photo 9



<b>Location</b>	SERC – Eastern Parcel	<b>Description</b>	Miscellaneous construction activities were occurring inside Unit 2 in the East parcel, facing southeast.
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Photo 10



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

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date		Monitor		Time (Begin-End)
June 22, 2020		Cara Snellen		0930-1030
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
69-70	2-3	0.0 in.	Good (10 mi.)	Cloudy/overcast

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

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffers in/near the SERC site and the SERC amendment area. Nests are 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; overhead rack cable pull; work inside Unit 1 and 2; control room operations; parking.

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

**West Laydown Yard** – Ongoing activities included foot traffic.

**East Laydown Yard** – Ongoing activities included material storage. 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 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 and work inside Unit 1, located approximately 75 feet away.
- **MODO nest #7 in Western Parcel (RO system awning)** – An adult mourning dove 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. The adult was not disturbed by the presence of the biologist or the nearby construction activities.

#### Other Biological Resources Observations:

- None

**Other Observations/Comments:**

- None

**Items Requiring Action/Follow-up**

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

**Wildlife Species Observed:**

**Birds:** mourning dove, Eurasian collared dove, house finch (*Haemorhous mexicanus*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), house sparrow (*Passer domesticus*), American crow (*Corvus brachyrhynchos*), lesser goldfinch (*Spinus psaltria*), killdeer (*Charadrius vociferus*)

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 position 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 and work inside Unit 1, located approximately 75 feet away.



Photo 3



Location	SERC – Western Parcel	Description	Closeup of active mourning dove nest (MOD0 West #7) in the RO system awning in the West parcel, facing southwest. An adult was observed sitting low on the nest in incubation 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 southwest. Construction activities near the nest included foot traffic and rack cable pull.
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**Stanton Energy Reliability Center (SERC)****BIOLOGICAL RESOURCES  
COMPLIANCE MONITORING LOG**

Date		Monitor		Time (Begin-End)
June 23, 2020		Cara Snellen		0930-1030
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
68-71	2-3	0.0 in.	Good (10 mi.)	Cloudy/overcast

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

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffers in/near the SERC site and the SERC amendment area. Nests are 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; overhead rack cable pull/installation; work inside Unit 1 and 2; control room operations; parking.

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

**West Laydown Yard** – Ongoing activities included foot traffic.

**East Laydown Yard** – Ongoing activities included material storage. 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 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 and work inside Unit 1, located approximately 75 feet away.
- **MODO nest #7 in Western Parcel (RO system awning)** – An adult mourning dove 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.

**Other Biological Resources Observations:**

- None

**Other Observations/Comments:**

- None

**Items Requiring Action/Follow-up**

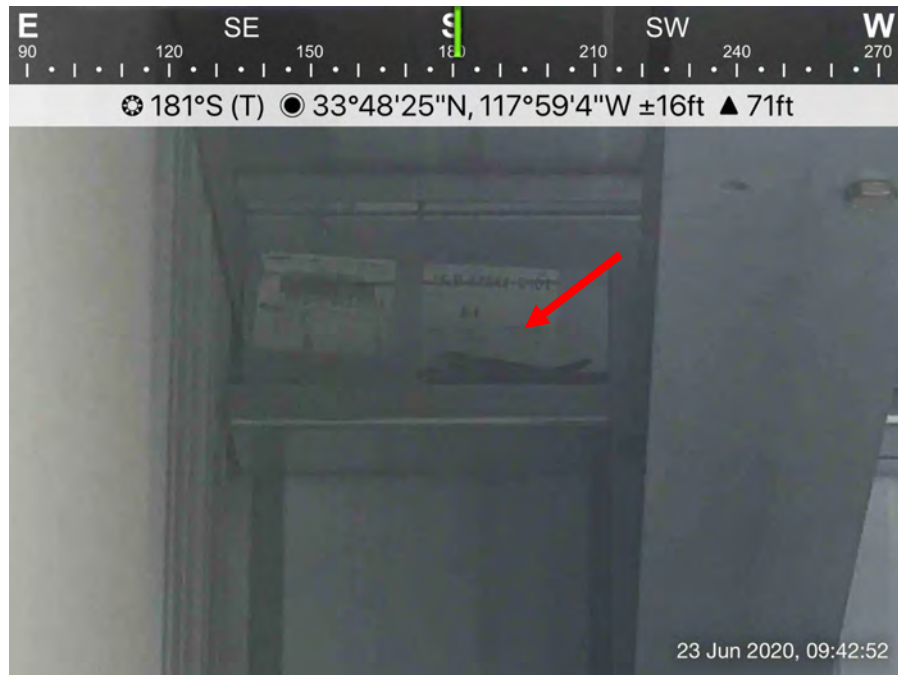
- No Items requiring follow-up. Monitoring of work will continue during Project construction activities.

**Wildlife Species Observed:**

**Birds:** mourning dove, Eurasian collared dove, house finch (*Haemorhous mexicanus*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), house sparrow (*Passer domesticus*), lesser goldfinch (*Spinus psaltria*), red-tailed hawk (*Buteo jamaicensis*), Cassin's kingbird (*Tyrannus vociferans*)



Photo 1



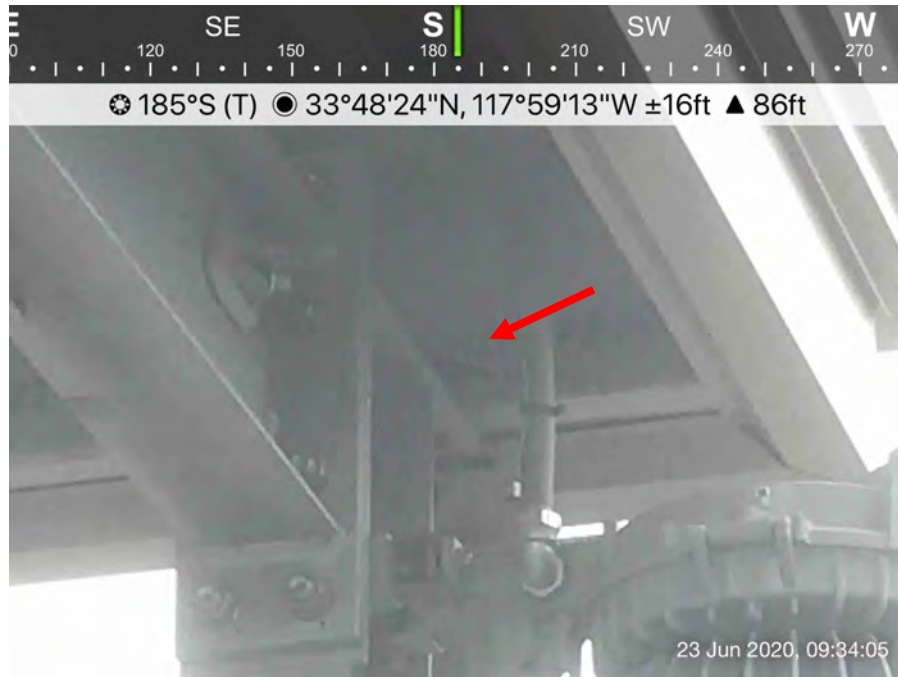
Location	SERC – Eastern Parcel	Description	Closeup of active mourning dove nest (MOD0 East #6) located in the trash enclosure near the Dale Avenue entrance in the East parcel, facing south. An adult was observed sitting low on the nest in incubation position and showed no signs of disturbance.
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Photo 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 and work inside Unit 1, located approximately 75 feet away.
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Photo 3



Location

SERC – Western Parcel

Description

Closeup of active mourning dove nest (MODO West #7) in the RO system awning in the West parcel, facing south. An adult was observed sitting low on the nest in incubation 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 (MODO West #7), facing southeast. Construction activities near the nest included foot traffic and rack cable pull/installation.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
June 24, 2020		Cara Snellen		0900-1100
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
69-71	1-2	0.0 in.	Good (10 mi.)	Cloudy/overcast
<b>Location(s) of Work Site Activities Monitored</b>				
<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><b>SERC Site:</b></p> <p><b>Western Parcel</b> – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; cable rack pull/installation; material fabrication/modification/inventory; movement of materials/equipment; foot/vehicle traffic.</p> <p><b>Eastern Parcel</b> – Ongoing activities included overhead rack cable pull/installation; control room operations; work in Unit 1 and 2; foot/vehicle traffic; parking.</p> <p><b>Western Laydown (SCE West parcel)</b> – Activities included foot traffic.</p> <p><b>Eastern Laydown (SCE East parcel)</b> – Activities included material storage. Yard gate is locked and parcel is currently inaccessible.</p> <p><b>Gas Pipeline</b> – No SERC-related activities.</p> <p><b>Church Parking Lot</b> – No SERC-related activities.</p> <p><b>SERC Amendment Area:</b></p> <p><b>Parcel A</b> – Activities included parking; foot traffic.</p> <p><b>Parcel B</b> – Activities included material inventory/movement at warehouse B; foot traffic. Non-SERC activities included movement of materials; foot traffic.</p> <p><b>Parcel C</b> – Activities included parking; foot traffic.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #6 in Eastern Parcel (trash enclosure)</b> – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. A second adult was observed perched nearby. The adults were not disturbed by the presence of the biologist. Construction activities in the vicinity of the nest included minimal foot/vehicle traffic and work inside Unit 1, approximately 75 feet away.</li> <li><b>MODO nest #7 in Western Parcel (RO system awning)</b> – An adult mourning dove was observed sitting low on the nest in incubation position. No adults mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				

- 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*), lesser goldfinch (*Spinus psaltria*), European starling (*Sturnus vulgaris*), Allen's hummingbird (*Selasphorus sasin*), barn swallow (*Hirundo rustica*)

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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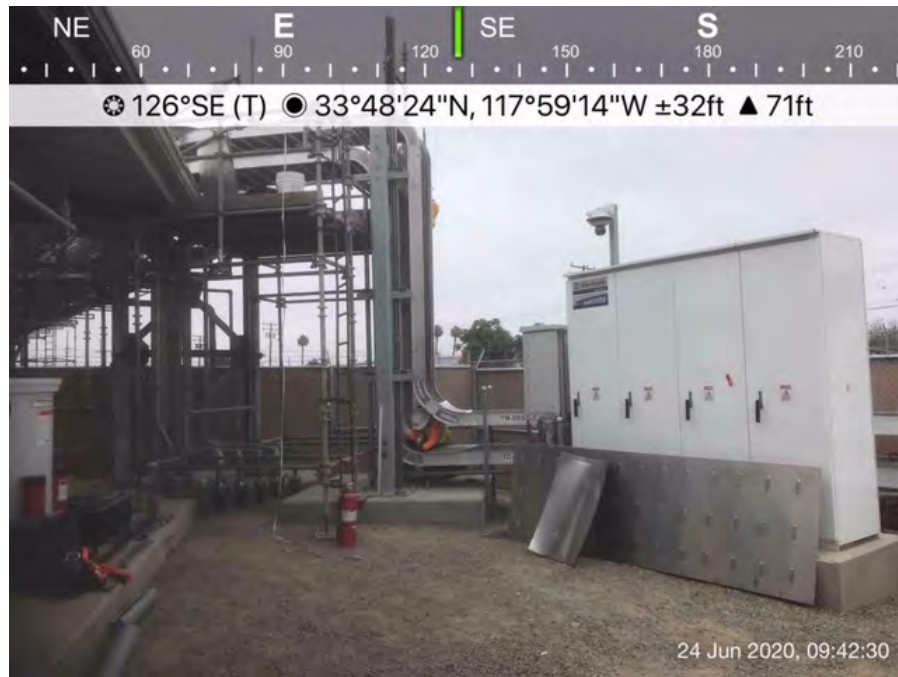
Photo 2



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



Location	SERC – Western Parcel	Description	Construction activities associated with the rack cable installation in the West parcel, facing southeast.
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Photo 4



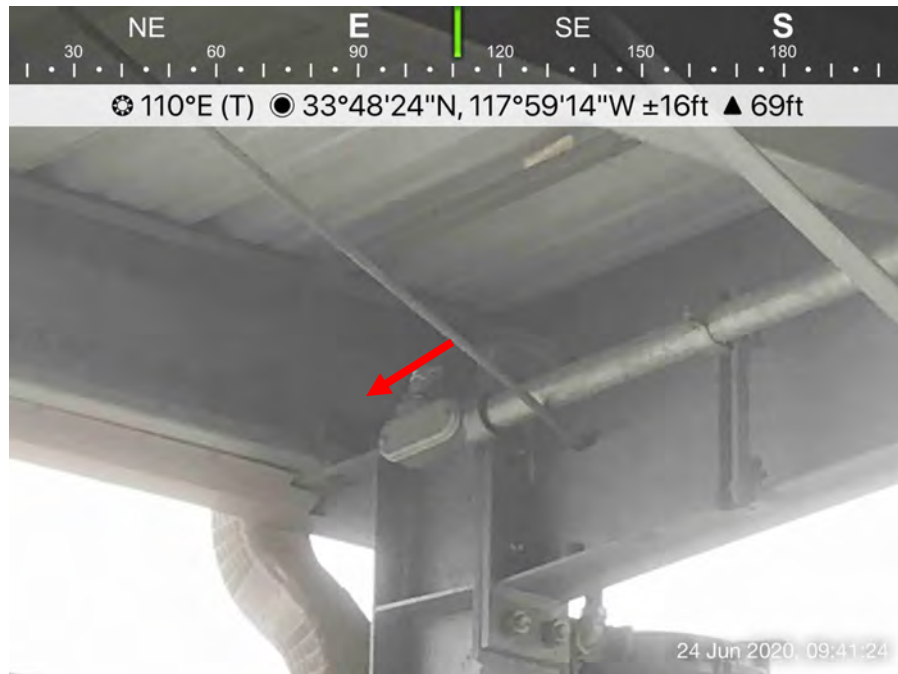
Location	SERC – Western Parcel	Description	Movement of materials in the West parcel, facing east.
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Photo 5



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



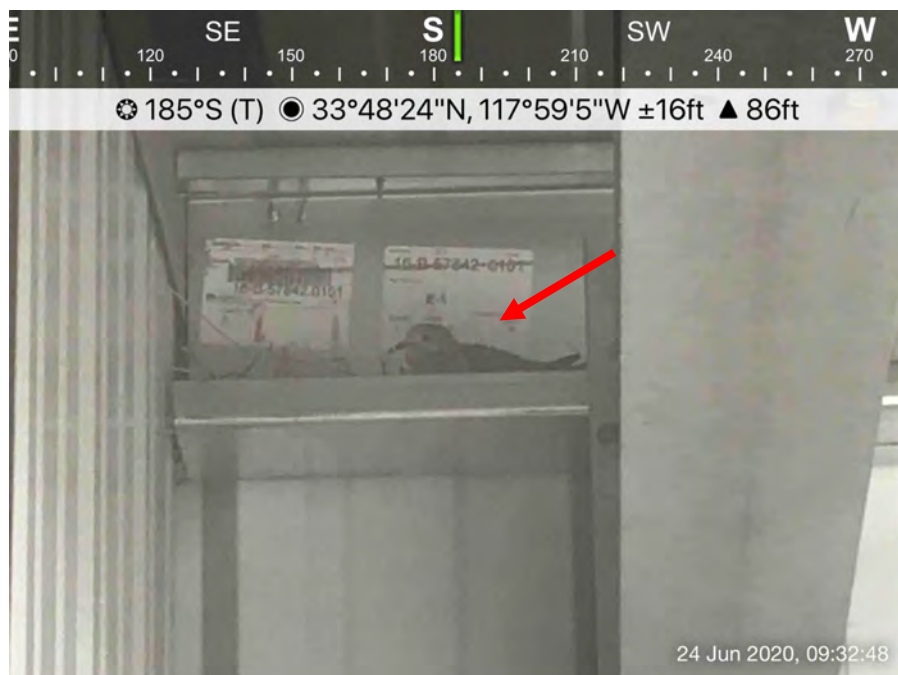
Location	SERC – Western Parcel	Description	An adult mourning dove was observed sitting low on the nest (MODO West #7) located in the RO awning in the West parcel, facing east. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or nearby construction 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 and work inside Unit 1, approximately 75 feet away.
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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 – Eastern Parcel

Description

Movement of equipment and miscellaneous construction activities inside Unit 1 in the East parcel, facing southwest.

Photo 10



Location

SERC – Eastern Parcel

Description

Construction activities associated with the cable pull/installation along the overhead rack in the East parcel, facing southeast.

Photo 11



<b>Location</b>	SERC – Eastern Parcel	<b>Description</b>	Staging of vehicles and miscellaneous construction activities inside Unit 2 in the East parcel, facing west.
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Photo 12



<b>Location</b>	SERC – Parcel B of the Amendment Area	<b>Description</b>	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.
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## Stanton Energy Reliability Center (SERC)

### BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG

Date					Monitor		Time (Begin-End)	
June 25, 2020					Cara Snellen		0915-1015	
Temperature (°F)		Wind (mph)	Precipitation amount	Visibility	Weather Comment			
68-70		1-2	0.0 in.	Good (10 mi.)	Cloudy/overcast			
<b>Location(s) of Work Site Activities Monitored</b>								
<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"> <li><b>MODO nest #6 in Eastern Parcel (trash enclosure)</b> – 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.</li> <li><b>MODO nest #7 in Western Parcel (RO system awning)</b> – 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.</li> </ul> <p><b>SERC Site:</b></p> <p><b>Eastern Parcel</b> – Ongoing activities included foot traffic; overhead rack cable pull/installation; work inside Unit 1 and 2; control room operations; parking.</p> <p><b>Western Parcel</b> – Ongoing activities included above-ground BESS infrastructure construction; overhead rack cable pull/installation; material fabrication/inventory; movement of materials and equipment; foot/vehicle traffic.</p> <p><b>West Laydown Yard</b> – Ongoing activities included foot traffic.</p> <p><b>East Laydown Yard</b> – Ongoing activities included material storage. Gate is locked and parcel is currently inaccessible.</p> <p><b>SERC Amendment Area:</b></p> <p><b>Parcel A</b> – Ongoing activities included parking; foot traffic.</p> <p><b>Parcel B</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><b>Parcel C</b> – Ongoing activities included parking; foot traffic.</p>								
<b>Summary of Biological Resources Monitoring Observations</b>								
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #6 in Eastern Parcel (trash enclosure)</b> – An adult mourning dove 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. Construction activities near the nest included minimal foot traffic and work inside Unit 1, located approximately 75 feet away.</li> <li><b>MODO nest #7 in Western Parcel (RO system awning)</b> – An adult mourning dove was observed sitting low on the nest in incubation position. A second adult was perched nearby. The adults were not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and cable rack pull/installation.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>								

**Other Observations/Comments:**

- None

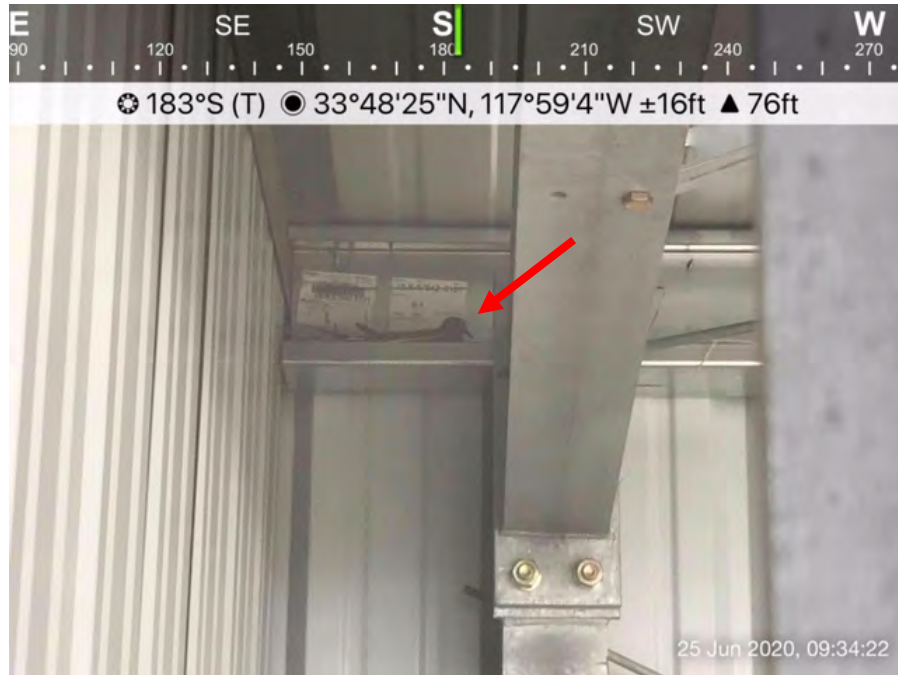
**Items Requiring Action/Follow-up**

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

**Wildlife Species Observed:**

**Birds:** mourning dove, Eurasian collared dove, house finch (*Haemorrhous mexicanus*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), house sparrow (*Passer domesticus*), red-tailed hawk (*Buteo jamaicensis*), Cassin's kingbird (*Tyrannus vociferans*), killdeer (*Charadrius vociferus*)

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 position and showed no signs of disturbance.

Photo 2



Location

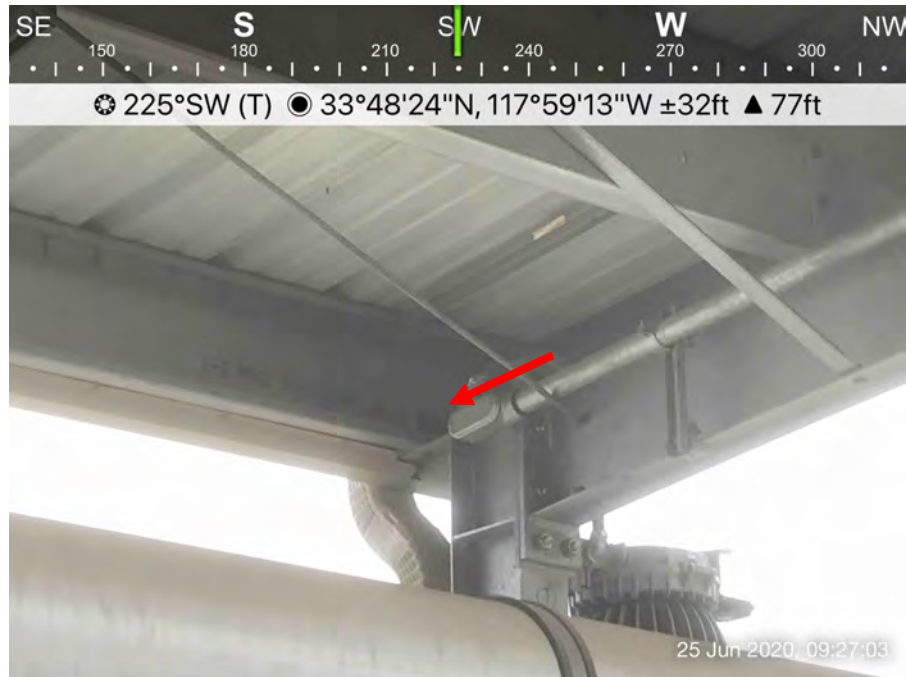
SERC – Eastern Parcel

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 and work inside Unit 1, located approximately 75 feet away.



Photo 3



Location

SERC – Western Parcel

Description

Closeup of active mourning dove nest (MOD0 West #7) in the RO system awning in the West parcel, facing southwest. An adult was observed sitting low on the nest in incubation 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 rack cable pull/installation.

Stanton Energy Reliability Center (SERC)				
BIOLOGICAL RESOURCES				
COMPLIANCE MONITORING LOG				
Date		Monitor		Time (Begin-End)
June 26, 2020		Cara Snellen		0900-1100
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
69-71	1-5	0.0 in.	Good (10 mi.)	Mostly cloudy/overcast to clear
<b>Location(s) of Work Site Activities Monitored</b>				
<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><b>SERC Site:</b></p> <p><b>Western Parcel</b> – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; cable rack pull/installation; trenching; movement of materials/equipment; foot/vehicle traffic.</p> <p><b>Eastern Parcel</b> – Ongoing activities included overhead rack cable pull/installation; control room operations; work in Unit 1 and 2; foot/vehicle traffic; parking.</p> <p><b>Western Laydown (SCE West parcel)</b> – Activities included foot traffic.</p> <p><b>Eastern Laydown (SCE East parcel)</b> – Activities included material storage. Yard gate is locked and parcel is currently inaccessible.</p> <p><b>Gas Pipeline</b> – No SERC-related activities.</p> <p><b>Church Parking Lot</b> – No SERC-related activities.</p> <p><b>SERC Amendment Area:</b></p> <p><b>Parcel A</b> – Activities included parking; foot traffic.</p> <p><b>Parcel B</b> – Activities included material inventory/movement at warehouse B and C; foot traffic. Non-SERC activities included movement of materials; foot traffic.</p> <p><b>Parcel C</b> – Activities included parking; foot traffic.</p>				
<b>Summary of Biological Resources Monitoring Observations</b>				
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"> <li><b>MODO nest #6 in Eastern Parcel (trash enclosure)</b> – An adult mourning dove (<i>Zenaida macroura</i>; MODO) was observed sitting low on the nest in incubation position. A second adult was observed perched nearby. The adults were not disturbed by the presence of the biologist. Construction activities in the vicinity of the nest included minimal foot/vehicle traffic and work inside Unit 1, approximately 75 feet away.</li> <li><b>MODO nest #7 in Western Parcel (RO system awning)</b> – An adult mourning dove was observed sitting low on the nest in incubation position. A second adult was observed perched nearby. The adults were not disturbed by the presence of the biologist or nearby construction activities. Construction activities in the vicinity of the nest included cable rack pull/installation and foot traffic.</li> </ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"> <li>None</li> </ul>				
<b>Items Requiring Action/Follow-up</b>				



- 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*), lesser goldfinch (*Spinus psaltria*), European starling (*Sturnus vulgaris*), American crow (*Corvus brachyrhynchos*), killdeer (*Charadrius vociferus*), bushtit (*Psaltiriparus minimus*)

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.

Photo 2



Location

SERC – Western Parcel

Description

Electrical work and testing supervision as part of the BESS construction activities in the West parcel, facing south.

Photo 3



Location	SERC – Western Parcel	Description	Construction activities associated with the rack cable installation in the West parcel, facing southeast.
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Photo 4



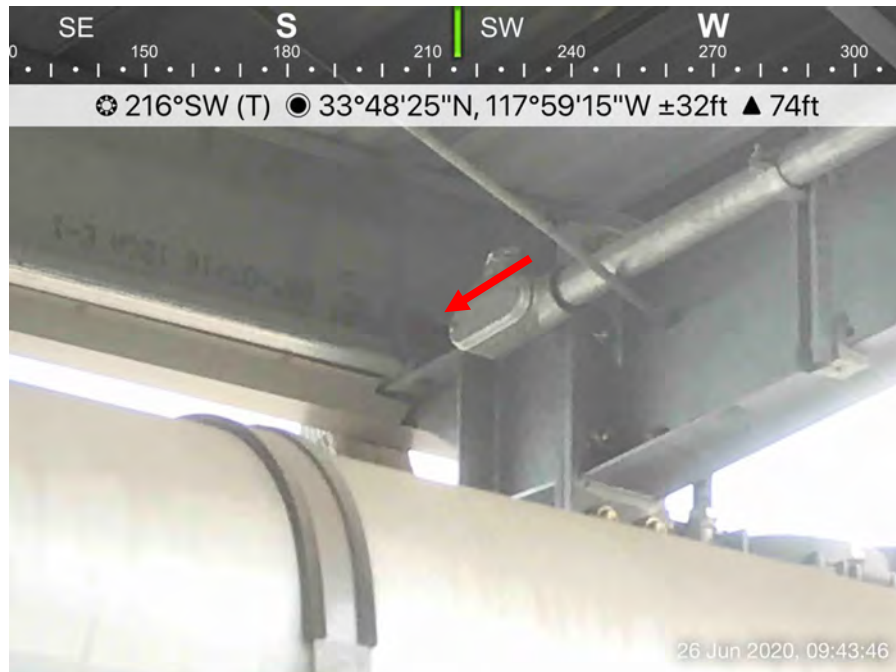
Location	SERC – Western Parcel	Description	Trenching along the north boundary of the West parcel, facing west.
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Photo 5



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 rack cable pull/installation 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. A second adult was observed perched nearby. The adults were not disturbed by the presence of the biologist or nearby construction activities.
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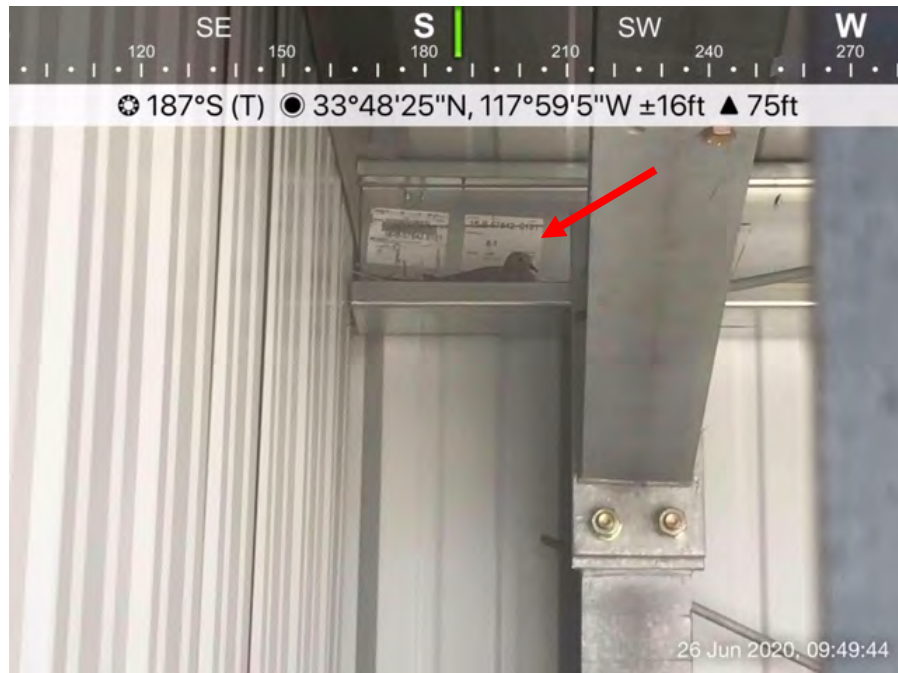


Photo 7



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 and work inside Unit 1, approximately 75 feet away.
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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 – Eastern Parcel	Description	Miscellaneous construction activities inside Unit 1 in the East parcel, facing south.
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Photo 10



Location	SERC – Eastern Parcel	Description	Staging of vehicles in support of miscellaneous construction activities inside Unit 1 and 2 in the East parcel, facing east.
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Photo 11



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

Date		Monitor		Time (Begin-End)
June 29, 2020		Cara Snellen		0900-1000
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
65-67	1-2	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 traffic; work inside Unit 2; control room operations; parking.

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

**West Laydown Yard** – Ongoing activities included foot traffic.

**East Laydown Yard** – Ongoing activities included material storage. 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 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 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 work on the large RO tank.

**Other Biological Resources Observations:**

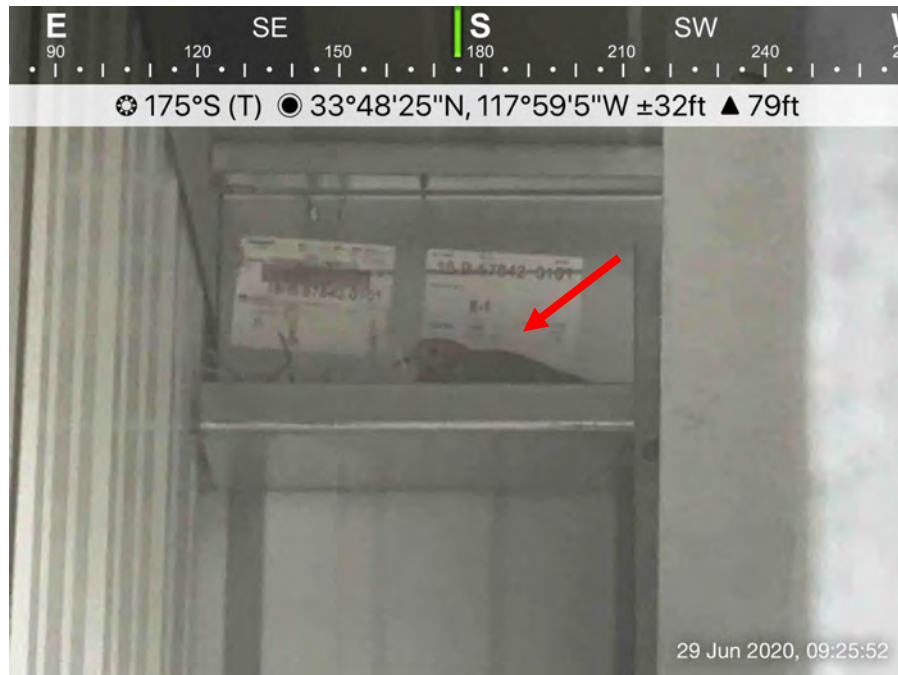
- None

**Other Observations/Comments:**

- None

Items Requiring Action/Follow-up
<ul style="list-style-type: none"><li>No Items requiring follow-up. Monitoring of work will continue during Project construction activities.</li></ul>
Wildlife Species Observed:
<b>Birds:</b> 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> )

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. An adult was observed sitting low on the nest in incubation position and showed no signs of disturbance.

Photo 2



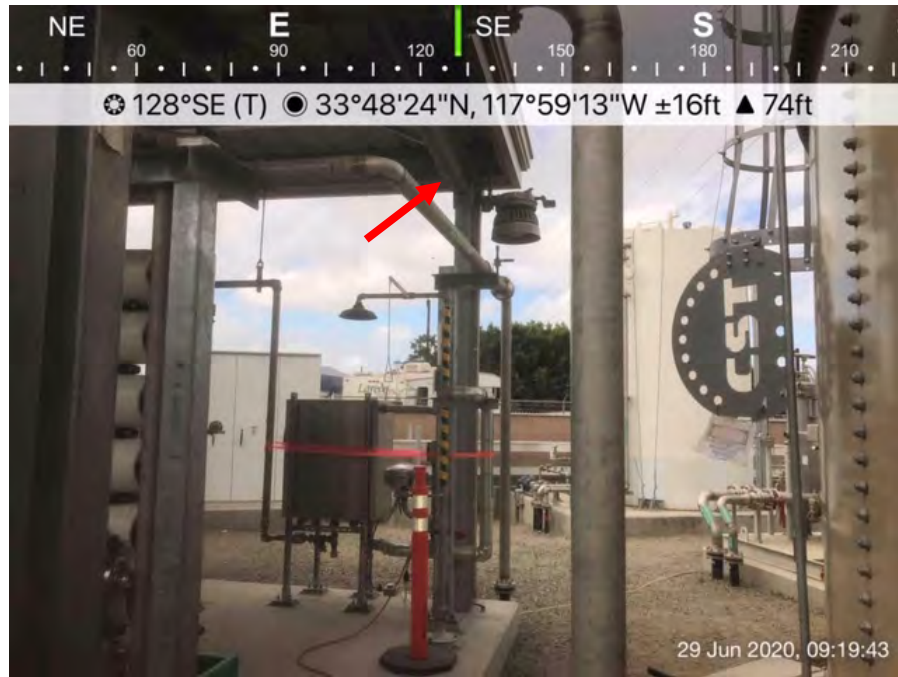
Location

SERC – Eastern Parcel

Description

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

Photo 3



<b>Location</b>	SERC – Western Parcel	<b>Description</b>	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 and work on the large RO tank. 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)	
June 30, 2020		Cara Snellen		1115-1215	
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment	
72-74	3-5	0.0 in.	Good (10 mi.)	Clear/sunny	
<b>Location(s) of Work Site Activities Monitored</b>					
<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"><li><b>MODO nest #6 in Eastern Parcel (trash enclosure)</b> – 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.</li><li><b>MODO nest #7 in Western Parcel (RO system awning)</b> –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.</li></ul> <p><b>SERC Site:</b></p> <p><b>Eastern Parcel</b> – Ongoing activities included foot traffic; control room operations; parking.</p> <p><b>Western Parcel</b> – Ongoing activities included above-ground BESS infrastructure construction and cable rack connection; material fabrication/inventory; minor earthwork; movement of materials and equipment; foot/vehicle traffic.</p> <p><b>West Laydown Yard</b> – Ongoing activities included foot traffic.</p> <p><b>East Laydown Yard</b> – No construction activities. Gate is locked and parcel is currently inaccessible.</p> <p><b>SERC Amendment Area:</b></p> <p><b>Parcel A</b> – Ongoing activities included parking; foot traffic.</p> <p><b>Parcel B</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><b>Parcel C</b> – Ongoing activities included parking; foot traffic.</p>					
<b>Summary of Biological Resources Monitoring Observations</b>					
<p>Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.</p> <p><b>Special-Status Species Observed:</b></p> <ul style="list-style-type: none"><li>None</li></ul> <p><b>Nesting Bird Observations:</b></p> <ul style="list-style-type: none"><li><b>MODO nest #6 in Eastern Parcel (trash enclosure)</b> – An adult mourning dove 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. Construction activities near the nest included minimal foot traffic.</li><li><b>MODO nest #7 in Western Parcel (RO system awning)</b> – An adult mourning dove 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, material inventory/movement, and work on the large RO tank.</li></ul> <p><b>Other Biological Resources Observations:</b></p> <ul style="list-style-type: none"><li>None</li></ul> <p><b>Other Observations/Comments:</b></p> <ul style="list-style-type: none"><li>None</li></ul>					

Items Requiring Action/Follow-up
<ul style="list-style-type: none"><li>No Items requiring follow-up. Monitoring of work will continue during Project construction activities.</li></ul>
Wildlife Species Observed:
<b>Birds:</b> 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> ), lesser goldfinch ( <i>Spinus psaltria</i> ), turkey vulture ( <i>Cathartes aura</i> ), barn swallow ( <i>Hirundo rustica</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 position and showed no signs of disturbance.
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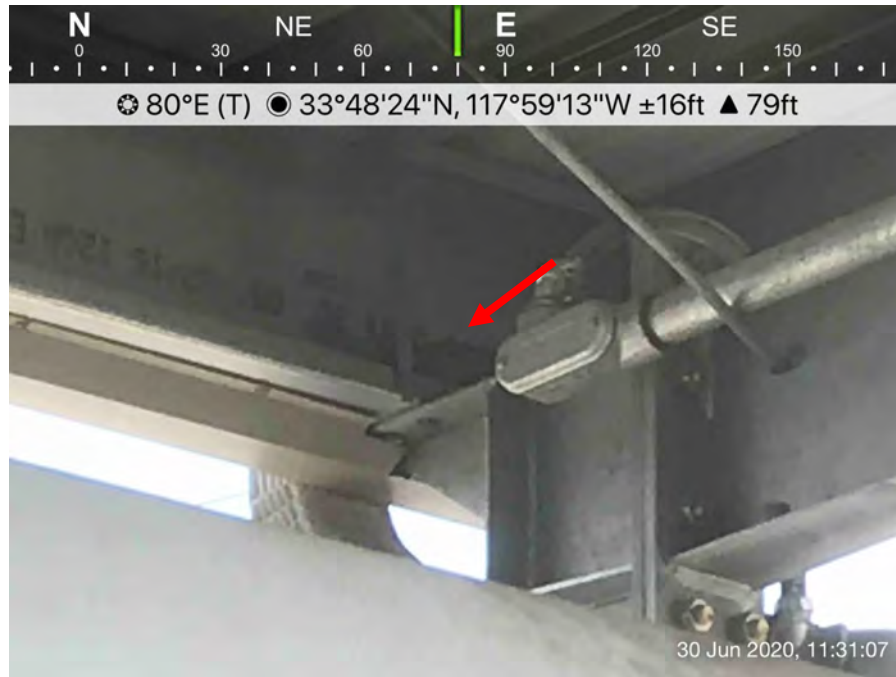
Photo 2



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 southwest. An adult was observed sitting low on the nest in incubation 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, material inventory/movement, and work on the large RO tank.
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## Appendix C

### Wildlife Species List

<b>Observed Wildlife Species List</b> <b>June 1 – June 30, 2020</b> <b>Stanton Energy Reliability Center</b>		
<b>Common Name</b>	<b>Scientific Name</b>	<b>Status Federal/State/Other</b>
<b>Birds</b>		
Allen's hummingbird	<i>Selasphorus sasin</i>	--/--/--
American crow	<i>Corvus brachyrhynchos</i>	--/--/--
Barn swallow	<i>Hirundo rustica</i>	--/--/--
Black phoebe	<i>Sayornis nigricans</i>	--/--/--
Bushtit	<i>Psaltiriparus minimus</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

**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)

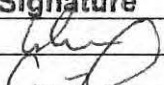
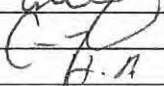
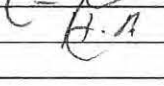
## Appendix D

### 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.	Liam Sitine	BRUSH		06/01/20
2.	Carlos Gonzalez	Branch Jafar		6-1-20
3.	Hector Rodriguez	Granite X		6-1-20
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Trainer:  Signature:  Date: 06/01/2020

# Certification of Completion of Worker Environmental Awareness Education Program

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

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No.	Employee Name	Company	Signature	Date
1.	Cara Snellen	Jacobs		6/1/2020
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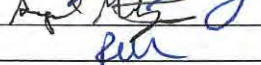
Trainer: Ava Edens Signature:  Date: 06 / 01 /2020



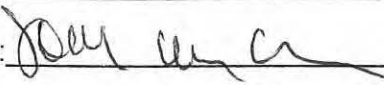
# Certification of Completion of Worker Environmental Awareness Education Program

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

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No.	Employee Name	Company	Signature	Date
1.	FRANCISCO ESPINOSA	HAYDEN INDUSTRIAL		06/02/20
2.	Joseph Newby	Southern		6/2/2020
3.	Angel Martinez	Southern		6-2-20
4.	Rudey Mejia	Southern		6-2-2020
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8:00 am

Trainer: Jose Antonio Garcia Signature:  Date: 06 / 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.	Hairo Meza	Southern Contracting Co.	Hairo Meza	6/3/20
2.	Michael L. Mowery	southern contracting co.	Michael L. Mowery	6/3/20
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Trainer: Jose Portuondo Signature: [Signature] Date: 06 / 03 / 2020

# Certification of Completion of Worker Environmental Awareness Education Program

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Cultural, Paleontological, and Biological Resources Education Program Verification  
All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	Guirigbal S Sandhy	Hayden Industrial	[Signature]	June-9-20
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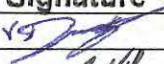

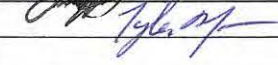
Trainer: [Signature] Signature: [Signature] Date: 06 / 04 / 2020




# Certification of Completion of Worker Environmental Awareness Education Program

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

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No.	Employee Name	Company	Signature	Date
1.	Danica Perez	Genesis cleaning serv		6-5-2020
2.	Alvaro Morales	Martinez Steel		6-5-20
3.	Tyler Moore	Southern Contracting		6-5-20
4.				
5.				
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Trainer: Loree Patricia Lopez Signature:  Date: 06 / 05 / 2020

# Certification of Completion of Worker Environmental Awareness Education Program

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

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

No.	Employee Name	Company	Signature	Date
1.	José S. Velasco	Conco	José S. Velasco	06/06/2020
2.	Jesus Castro	Conco	[Signature]	6/6/20
3.	Ricardo Colacho II	Conco	[Signature]	6/6/20
4.	Marco A. Landeros	Conco	Marco A. Landeros	6/6/20
5.	Fernando Gutierrez	Conco	Fernando Gutierrez	6/6/20
6.	Alberto Arias	Conco	Alberto Arias	6/6/20
7.	Carlos Ambroz	Conco	Carlos Ambroz	6-6-20
8.	Alejandro Rivera	Largo	[Signature]	6.6.20
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Trainer: Jorge Renteria Garcia Signature: [Signature] Date: 06/06/2020



# 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  
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No.	Employee Name	Company	Signature	Date
1.	Jason Spring	MAAS	[Signature]	6-8-20
2.	Brian Bates	STEWART	[Signature]	6-8-20
3.	Vicario Webster	Safeway	[Signature]	6-8-20
4.	Fidel Cuevas	Safeway	[Signature]	6-8-20
5.	Timothy Delore	Granitex	[Signature]	6/8/20
6.	Robert Pace	Southern	[Signature]	6/8/20
7.	Alberto MAZA	Bentley Nevada	[Signature]	6/8/20
8.	Martin Canton	Southern	[Signature]	6-8-20
9.	Randy Brewster	Southern	[Signature]	6/8/20
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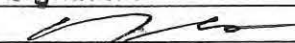
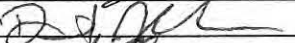
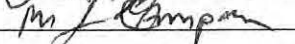
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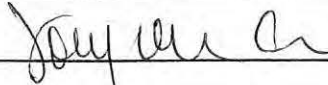
Trainer: George Ramirez Signature: [Signature] Date: 06/08/2020

# Certification of Completion of Worker Environmental Awareness Education Program

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Cultural, Paleontological, and Biological Resources Education Program Verification  
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No.	Employee Name	Company	Signature	Date
1.	Joe Ortega	Southern		6/9/20
2.	DANIEL SOUTHWELL	SOUTHERN		6/9/20
3.	MICHAEL CAMPBELL	Southern		6/9/20
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Trainer: Joe Denton Signature:  Date: 06/09/2020

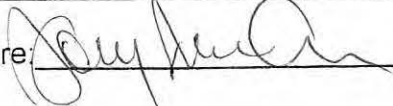


# Certification of Completion of Worker Environmental Awareness Education Program

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Cultural, Paleontological, and Biological Resources Education Program Verification  
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No.	Employee Name	Company	Signature	Date
1.	Marcos Reyes	Safeway		6-10-20
2.	MICHAEL GILLILAND	SOUTHERN		6/10/20
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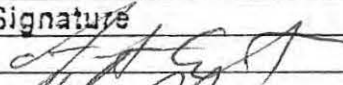
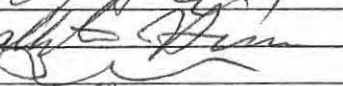
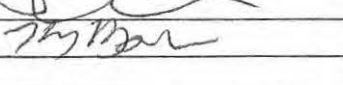
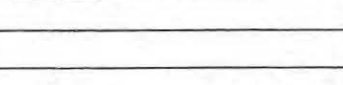
Trainer: Jose Patricia Garcia Signature:  Date: 06/10/2020

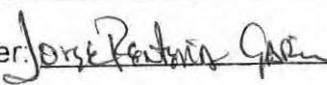
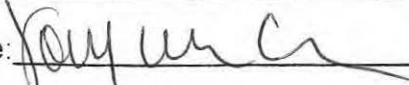


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Stanton Energy Reliability Center (SERC) Project, Orange County, California  
Cultural, Paleontological, and Biological Resources Education Program Verification  
All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	Anthony Estrada	Brand/safeway		6/11/20
2.	Alberto Herrera	Brand-safeway		6-11-20
3.	OMAR CASTELLON	MR-CICADA		6/11/20
4.	KYLE BAKER	MR Crane		6/11/20
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Trainer:  Signature:  Date: 06/11/2020

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No.	Employee Name	Company	Signature	Date
1.	Ruben Aguilar Solis	Hayden Ind. Prod.		06/12/2020
2.	Carlos Diaz	Hayden Ind. Prod.		06/12/2020
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Trainer: Jose R. Pina Signature:  Date: 06/12/2020

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No.	Employee Name	Company	Signature	Date
1.	Bernardo Antonio	AEC	[Signature]	6-15-2020
2.	Brian Oliver	AEC	[Signature]	6-15-20
3.	Sean Morrissey	AEC	[Signature]	6/15/20
4.	TYLER HAINING	TISC	[Signature]	6/15/20
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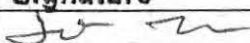




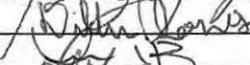
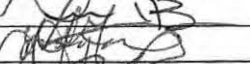

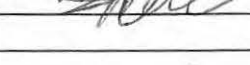
Trainer: Jose Antonio Garcia Signature: [Signature] Date: 06/15/2020

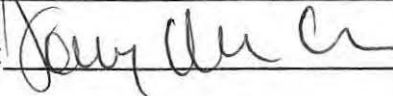


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No.	Employee Name	Company	Signature	Date
1.	JOE ZIELINSKI	CONCOR		6-16-20
2.	MARIL Simpson	Murray Co	M. J.	6-16-20
3.	CARL HILL	MURRAY CO		6-16-20
4.	Justin Busselman	WST		6/16/20
5.	Alonso Gonzalez	Softway		6-16-20
6.	Larry Seger	Rainwater		6-16-20
7.	Dillon Jones	Southern		6-16-20
8.	FRANK BAZZO	SOUTHERN		6-16-20
9.	JOSE ANTONIO	SOUTHERN		6-16-2020
10.	Stene Rue	Southern		6/16/2020
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Trainer: Jose Antonio Garcia Signature:  Date: 06/16/2020

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No.	Employee Name	Company	Signature	Date
1.	Mathuri Latchman	AEC	M. Latchman	17 June 20
2.	MARCO A-RUIZ	GRANITE-X	M. Ruiz	6/17/20
3.	JOHN HAYS	SOUTHERN	J. Hays	17-JUNE-2020
4.	Ray Schmidt	Southern	R. Schmidt	6-17-20
5.	KOUBOURIS, NABOS	APB	N. Koubouris	6-17-2020
6.	Dennis, Michael	Southern	M. Dennis	6-17-20
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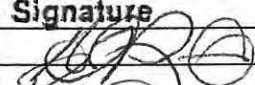
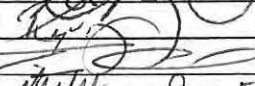
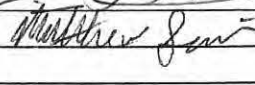
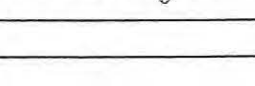
Trainer: Jose Patricia Garcia Signature: [Signature] Date: 06/17/2020

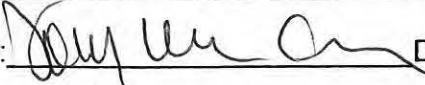


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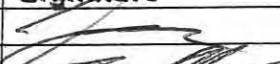
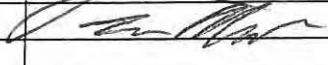
No.	Employee Name	Company	Signature	Date
1.	HECTOR PRECIADO	SAFWA-1		6/18/20
2.	RYAN DIMACULANGAN	PRANDSAWAY		6/18/20
3.	TIM GOOKIN	AEC		6/18/20
4.	Matthew Seiber	Wellhead		6/18/20
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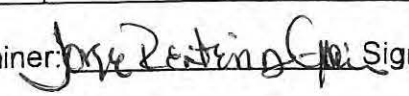
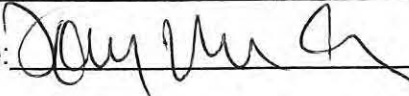
Trainer: Jose Reinosca Signature:  Date: 06/18/2020

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No.	Employee Name	Company	Signature	Date
1.	Jose Gallegos	SAFWAY		6-19-20
2.	TIMOTHY MULLEN	SOUTHERN		6-19-20
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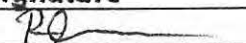
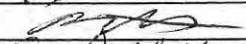
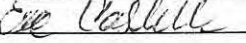
Trainer:  Signature:  Date: 06/19/2020

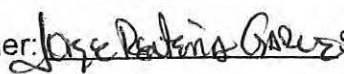
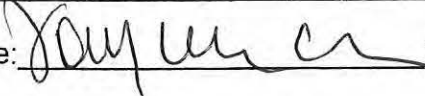


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No.	Employee Name	Company	Signature	Date
1.	Rodolfo Amerua	Safeway		06-20-2020
2.	Rodrigo Hernandez	ARB		6/20/20
3.	Ever Castillo	HLB		6-20-20
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Trainer:  Signature:  Date: 06/20/20

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No.	Employee Name	Company	Signature	Date
1.	KEVIN BROWN	ANP/SOUTHERN	<i>Kevin Brown</i>	6/24/2020
2.	ARNOLD MAGDALENA	ANP/SOUTHERN	<i>Arnold Magdaleña</i>	06/21/20
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Trainer: Jose Patricia Garcia Signature: *[Signature]* Date: 06/21/2020

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No.	Employee Name	Company	Signature	Date
1.	CHRIS ENRIQUEZ	ANP/Southern	Chris Enriquez	6-22-20
2.	Roy Hanson	Herzog	Roy Hanson	6-22-20
3.	DARREL MOSLEY	HERZOG	Darrel Mosley	6-22-20
4.	Fady Sierra	PMI	Fady Sierra	6/22/20
5.	Jaime Guerrero	P.O.M.T	Jaime Guerrero	06-22-20
6.	ANGEL MARIN	HERZOG	Angel Marin	6-22-20
7.	Brian Lawrence	GasTOPS	Brian Lawrence	6-22-20
8.	Joshua Brown	Baird Electric	Joshua Brown	6-22-20
9.	Chris Yates	Baird Electric	Chris Yates	6-22-20
10.	Paul Baird	Baird Elec	Paul Baird	6-22-20
11.	Brian Phillips	Baird Elec	Brian Phillips	6-22-20
12.	Sergio Taboada	Strata Power	Sergio Taboada	6-22-20
13.	Jacob Romero	AEC	Jacob Romero	6-22-20
14.	THOM LUNDKE	STRATA Power	Thom Lundke	6-22-20
15.	SCOTT HAYHURST	WELCHHEAD	Scott Hayhurst	6-22-20
16.	JOSEPH K BONDANE	Power Engineers	Joseph K Bondane	6-22-20
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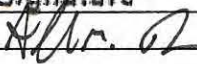
Trainer: Jose Rodriguez Signature: [Signature] Date: 06/22/2020

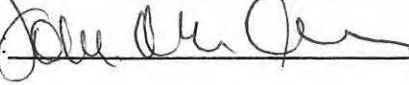


# Certification of Completion of Worker Environmental Awareness Education Program

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

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


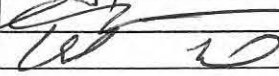
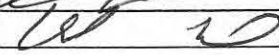
No.	Employee Name	Company	Signature	Date
1.	Alexander M. Jackson	AEC		6-23-2020
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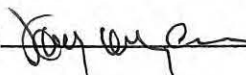
Trainer Jose Antonio Lopez Signature:  Date: 06/23/2020

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No.	Employee Name	Company	Signature	Date
1.	Alexandro Gomez	Preferred Ins.		6/24/20
2.	GENNY MARQUEZ	PREFERRED		06-24-20
3.	DAVE MOSK	PREFERRED		6/24/20
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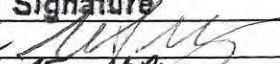
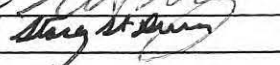
Trainer: Jorge Patricia Green Signature:  Date: 06/24/20

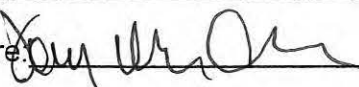


# Certification of Completion of Worker Environmental Awareness Education Program

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

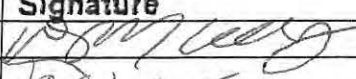
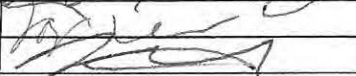

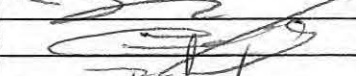
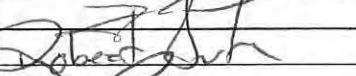
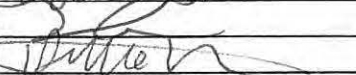
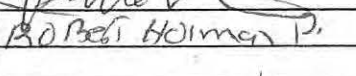
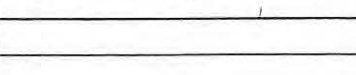
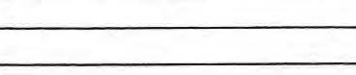
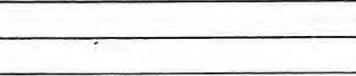
No.	Employee Name	Company	Signature	Date
1.	MIKE MELLINGER	BOER BACKHAU		6/25/20
2.	STACEY ST. PULAN	MC CRANE		6/25/20
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Trainer: Joe Pedraza Signature:  Date: 06/25/2020

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No.	Employee Name	Company	Signature	Date
1.	Morgan Hacking	Pierreford		6/26/20
2.	Joselyn Carrillo	Bunksfway		6/26/20
3.	Ricardo Priado	Brandsgfway		6/26/20
4.	Mario GARCIA	BLAND SAFETY		6/26/20
5.	Joshua Giles	Brent Safety		6/26/20
6.	Raul Guevara	Brand-Serway		6/26/20
7.	Juan Magana	Brand-Serway		6/26/20
8.	Robert Sista	Fitchell		6/26/20
9.	Ken Bixby	G.S. G.E.		6/26/20
10.	Robert Del Toro	Resa Power		6-26-20
11.	Robert Holman	Resa Power	ROBERT HOLMAN P.	6-26-20
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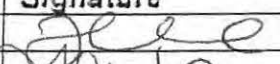
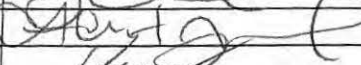
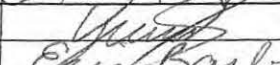
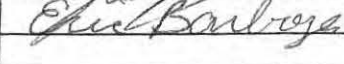
Trainer Jose Rabin Garcia Signature:  Date: 06 / 26 / 2020

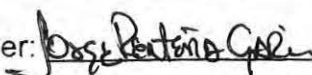
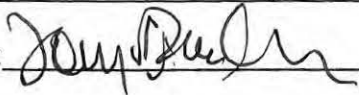


# Certification of Completion of Worker Environmental Awareness Education Program

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

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No.	Employee Name	Company	Signature	Date
1.	Jose Villareal	OP STEEL		6/27/20
2.	Albert Villareal	OP STEEL		6/27/20
3.	Juan Chavez	OP STEEL		6/27/20
4.	Eric Barboza	OP STEEL		6/27/20
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Trainer:  Signature:  Date: 06/27/2020

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) June 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:** June 2020

This June 2020 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from June 1 through June 30, 2020 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. Excavations in June were limited to excavations for conduit on Parcel 2 for the BESS and augering for light 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 Cultural Resources Monitor (CRM) Jennifer (McElhoses) Moritz 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
06/25/2020	1	1
06/26/2020	1	1
06/27/2020	1	1
06/29/2020	1	1
<b>Total CRM/NAM-Days</b>	4	4

## Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Thursday, June 25, 2020. Activities monitored on the SERC plant included trench excavations for conduit for the BESS on Parcel 2. Augering for light posts on the west end of Parcel 2 also occurred this month. Excavations for the conduit reached up to 3 feet below the current surface. Augering for the light posts extended to 10 feet below the current surface.

Native sediments were observed in all excavations in June. Native sediments observed on Parcel 2 began approximately 2 feet to 3 feet below the current surface. Within the conduit trenches, sediment was medium brown sandy loam. Within the light post auger holes, sediment consisted of light brown moderately compacted and medium-grained sand with approximately 30% small gravels. Within the light post auger holes, higher percentages of sand to gravels were observed at greater depths.

## Cultural Resources Discoveries This Period

No cultural resources were discovered during the month of June.

## 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"> <li>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</li> <li>CRS may obtain services of Cultural Resources Monitors (CRMs) and Native American Monitors (NAMs)</li> <li>CRS may obtain services of additional technical specialists as needed.</li> </ul>	<p><b>In compliance</b></p> <ul style="list-style-type: none"> <li>Owner has appointed CRS and Alternate CRS. CRS is directing monitoring.</li> <li>CRS has obtained services of CRMs and NAMs</li> <li>No additional technical specialists have been required</li> </ul>
CUL-2: Information to be Provided to CRS	<ul style="list-style-type: none"> <li>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.</li> <li>Owner must provide CRS with a weekly construction schedule</li> <li>Owner must notify CRS of any changes to construction phases.</li> </ul>	<p><b>In compliance</b></p> <ul style="list-style-type: none"> <li>Owner has provided CRS with project information and maps</li> <li>Owner provides three-week lookahead schedule weekly</li> <li>There have been no changes to the construction phases.</li> </ul>
CUL-3: Cultural Resources Mitigation and Monitoring Plan (CRMMP)	<ul style="list-style-type: none"> <li>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.</li> </ul>	<p><b>In compliance</b></p> <ul style="list-style-type: none"> <li>The CRMMP has been prepared and approved by the CPM</li> </ul>

**TABLE 2**

**Fulfillment Requirements of Each Cultural Resources Mitigation Measure**

Measure	Requirements	State of Compliance
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.	<b>Not applicable</b> – construction is not completed.
CUL-5: Cultural Resources Worker Environmental Awareness Program (WEAP)	<ul style="list-style-type: none"> <li>The CRS must prepare a WEAP training module and brochure describing the potential for cultural resources discovery, procedures to follow in case of emergency discovery, and penalties for non-compliance.</li> <li>All workers must receive the training during their first week on on-site employment and must sign a sheet documenting that they have received the training</li> </ul>	<b>In compliance</b> <ul style="list-style-type: none"> <li>All workers on site have viewed the video/PowerPoint training and signed the documentation sheet (found in the Biological Resources Compliance report).</li> </ul>
CUL-6: Cultural Resources Monitoring	<ul style="list-style-type: none"> <li>The CRS, Alt CRS, or CRMs must be onsite to monitor ground disturbance in native (non-fill) soils.</li> <li>The CRS must obtain the services of a NAM to monitor ground disturbance in non-fill sediments.</li> <li>CRMs and NAMs must prepare a daily field report, to be submitted daily by the CRS.</li> <li>The CRS must prepare a Monthly Compliance Report summarizing activities of CRS, CRMs, and NAMs.</li> <li>The CRS must report incidents of non-compliance with LORS</li> </ul>	<b>In compliance</b> <ul style="list-style-type: none"> <li>The CRS or CRM has monitored ground disturbance.</li> <li>A NAM monitored ground disturbance</li> <li>The CRS has submitted the daily field reports</li> <li>The CRS has prepared this Monthly Compliance Report</li> <li>There have been no incidents of non-compliance with LORS</li> </ul>
CUL-7: Powers of CRS/Cultural Resources Discovery Protocol	<ul style="list-style-type: none"> <li>The CRS has authority to halt construction in the event of a cultural resource find</li> <li>The CRS or CRM must record the find on Form DPR-523 and notify the CPM</li> <li>If human remains are found, the CRS must notify the Native American Heritage Commission.</li> <li>If the find would be of interest to Native Americans, the CRS must notify Native American groups that have expressed an interest in notification.</li> </ul>	<b>In compliance</b> <ul style="list-style-type: none"> <li>No cultural resources were found this month</li> <li>No human remains have been found</li> <li>No finds of interest to Native Americans have been made</li> </ul>
CUL-8: Fill Soils	If the project will use fill from a non-commercial borrow site or deposit sediments in a non-commercial fill site, the CRS must conduct a pre-construction cultural resources survey of the site.	<b>In compliance</b> <ul style="list-style-type: none"> <li>No new sources of non-commercial fill or disposal were identified for use this month.</li> </ul>

### WEAP Training This Period

All on-site staff received cultural resources Worker Environmental Awareness Program (WEAP) training prior to starting work on site this month. From June 1 to 30, 2020, a total of 110 persons completed the SERC WEAP training. The hard copy training logs for the June 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 July 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  
June 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 June 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 June focused on excavations/trenching for conduits and augering for light posts in Parcel 2. No excavation this month exceeded 10 feet below the surface. 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 June 2020.

**Anticipated Work and/or Changes in the Next Period**

Miscellaneous activities will take place during the month of July 2020 but will unlikely require paleontological monitoring.

**Comments, Issues or Concerns**

None to report.

Attachment 8 – ELEC-1

## 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.

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: 2020.06.16  
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## 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-1-32.0\_BESS AREA GA\_REV0\_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 ---  
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  
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## 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](mailto: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](mailto: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 ---

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

Digitally signed by  
Alan Ho

Reason: Reviewed for  
Code Compliance.

Date: 2020.06.04  
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: 0:14:57

## View US Wire


Use this page to view a US Wire

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

### Payment Information

<b>Status</b>	Confirmed
<b>Confirmation Number</b>	IMAD:0612L4B74B1C000028
<b>Payment Number</b>	52337342
<b>Debit Account</b>	SERC OP - *****6538
<b>Debit Amount</b>	179,005.70 USD
<b>Value Date</b>	06/12/2020
<b>Send Date</b>	06/12/2020
<b>Frequency</b>	One-Time Only
<b>Reference for Recipient</b>	163283
<b>Details of Payment</b>	Stanton Energy Reliability Center Project 550818-0000020.00 Invoice 163283
<b>Ordering Customer</b>	

### Recipient Information

<b>Recipient</b>	NV5 Inc.  200 S Park Road STE 350 Hollywood, FL 33021-8798
<b>Recipient Bank</b>	BANK OF AMERICA, N.A., NY ABA (Wire) 026009593 NEW YORK NY UNITED STATES

### Options

**Intermediary Bank****Receiving Bank****Bank to Bank Information**[Cancel](#)

Attachment 11 – GEN-6 Special Inspectors

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



Attachment 12 – Gen-7 Discrepancy

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

Attachment 13 – GEN-8 Final Inspections

## 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

☐ DISAPPROVED

☐ REINSPECTION REQUIRED

☐ AT RISK

☐ PHASE PASS

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: 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: 200626 / 1000

INSPECTION NUMBER (File Name): SERC\_16-AFC-01\_BESS AREA\_Above Ground Raceway\_200626

CONTRACTOR: TTS CONSTRUCTION CORPORATION

CONTACT PERSON: RUDGE WYNN

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

BESS Above Ground Raceway Unit 1 and Unit 2.

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

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Dwg ER07-101 through ER07-105

REQUESTOR SIGNATURE: \_\_\_\_\_ DATE: 200627

## INSPECTION RESULT

**INSPECTION MADE:** Partial AG cable tray inspection / ER07-102-1

**DATE / TIME:** 200627 **INSPECTOR:** V.Gruber

☐ **APPROVED**

☐ **DISAPPROVED**

☐ **REINSPECTION REQUIRED**

☐ **AT RISK**

☒ **PHASE PASS**

**SIGNATURE:**



Digitally signed by Victor  
Gruber  
Date: 2020.06.27  
08:27:58 -07'00'

**DATE:** 200627

### COMMENTS:

Reviewed tray support and laterals. NEMA VE2

All post installed anchors will need to be torqued/ RMA to witness. No risers or bonding reviewed at this time. This is an ongoing inspection. No concerns at this time

## INSPECTION REQUEST

---

REQUESTED INSPECTION DATE / TIME: 200605 / 1300

INSPECTION NUMBER (File Name): SERC\_16-AFC-01\_BEES AREA\_Mezzanine Floor\_200605

CONTRACTOR: TTS CONSTRUCTION CORPORATION

CONTACT PERSON: RUDGE WYNN

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

Mezzanine Floor 'B' deck and reinforcing

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

COMMENTS (ATTACH ADDITIONAL PAGES IF NEEDED):

Dwg SF07-200 rev 3 and SI 105

REQUESTOR SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

## INSPECTION RESULT

**INSPECTION MADE:** Deck reinforcement (Concrete pour)

**DATE / TIME:** 200606 **INSPECTOR:** V.Gruber

☒ **APPROVED**

☐ **AT RISK**

☐ **DISAPPROVED**

☐ **PHASE PASS**

☐ **REINSPECTION REQUIRED**

**SIGNATURE:**

NO REVISIONS  
-- REVIEWED --  
The review is conducted solely to verify compliance to the 2015  
California Building Code (CBC) and the 2015 California  
Energy Code (CEC) and does not constitute an inspection of  
the project or a guarantee of the quality of the work.  
The review is conducted solely to verify compliance to the 2015  
California Building Code (CBC) and the 2015 California  
Energy Code (CEC) and does not constitute an inspection of  
the project or a guarantee of the quality of the work.

Digitally signed by Victor  
Gruber  
Date: 2020.06.06  
10:44:27 -07'00'

**DATE:**

### COMMENTS:


Reviewed deck reinforcement. Composite deck 1.5 is 40KSi. Composite deck penetrations had rebar and steel reinforcement added. Main deck had WWD wire installed. The composite decking was secured using Hilti shot pins. There were some minor changes in the penetration locations. This will be reflected in the AS-builds. The SI is attached for the decking through penetrations. No Concerns Approved / RMA onsite during concrete pour.

OFFICES NATIONWIDE

## INSPECTION REQUEST

---

REQUESTED INSPECTION DATE / TIME: 200626 / 1300

INSPECTION NUMBER (File Name): SERC\_16-AFC-01\_BESS AREA\_POWELL SWITCHGEAR UNIT 1 & 2 200626 

CONTRACTOR: TTS CONSTRUCTION CORPORATION

CONTACT PERSON: RUDGE WYNN

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

BESS POWELL SWITCHGEAR Unit 1 and Unit 2.

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

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

CLEAN AND CLOSE INSPECTION

REQUESTOR SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_



Attachment 14 – SOIL&WATER-4 Water Use



# MONTHLY WATER USAGE LOG

JUNE 2020

	<b>Meter # 19333855</b>		<b>Hydrant Meter on Pacific</b>		<b>Pacific Street (CBO)</b>	
	8320 Pacific St. Stanton, CA 90680		8320 Pacific St. Stanton, CA 90680		8230 Pacific Street Stanton, CA 90680	
Date	Meter Read	CuFt	Meter Read	CuFt		
5/31/2020	3832.1		N/A			
6/1/2020	3832.1	0	N/A		106689	15
6/2/2020	3832.1	0	N/A		106704	30
6/3/2020	3832.1	0	N/A		106734	51
6/4/2020	3832.1	0	N/A		106785	34
6/5/2020	3832.1	0	N/A		106819	60
6/6/2020	3832.1	0	N/A			
6/7/2020	3832.1	0	N/A			
6/8/2020	3832.1	0	N/A		106879	61
6/9/2020	3832.1	0	N/A		106940	115
6/10/2020	3832.1	0	N/A		107055	53
6/11/2020	3832.1	0	N/A		107108	31
6/12/2020	3832.1	0	N/A		107139	65
6/13/2020	3832.1	0	N/A			
6/14/2020	3832.1	0	N/A			
6/15/2020	3832.1	0	N/A		107204	72
6/16/2020	3832.1	0	N/A		107276	36
6/17/2020	3832.1	0	N/A		107312	60
6/18/2020	3832.1	0	N/A		107372	9
6/19/2020	3832.1	0	N/A		107381	40
6/20/2020	3832.1	0	N/A			
6/21/2020	3832.1	0	N/A			
6/22/2020	3832.1	0	N/A		107421	42
6/23/2020	3832.1	0	N/A		107463	42
6/24/2020	3832.1	0	N/A		107505	42
6/25/2020	3832.1	0	N/A		107547	42
6/26/2020	3832.1	0	N/A		107589	42
6/27/2020	3832.1	0	N/A		107631	42
6/28/2020	3832.1	0	N/A		107673	42
6/29/2020	3832.1	0	N/A		107715	42
6/30/2020	3832.1	0	N/A		107757	3
7/1/2020	3832.1		N/A		107760	
CuFt Sub Total		0		0		1071
<b>CuFt Total</b>		<b>1071</b>				

Attachment 15 – SOIL&WATER-8 Encroachment Permit

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Attachment 16 – STRUC-1 CBO Approvals

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Attachment 17 – TRANS-1 Permits

Attachment 17 has been deliberately left blank in this reporting period



Attachment 18 – Safety Inspection Report



**JUNE 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. Temperatures of each team member are taken during the morning safety meeting as the employees enter the jobsite. Hand sanitizer has been placed around the jobsite in multiple locations. Additionally each employee entering the site is required to answer a questionnaire confirming their current health and if they have had any close contact with COVID-19.

Major site activities for the month of June included:

- Crane and Rigging for the setting of equipment
- Steel, siding and door installation.
- Cable tray and conduit installation
- Wire Pulling and terminating

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

- Watch for overhead crane work
- Confirm back up alarms work on the equipment
- Verify distances for work around the overhead power lines
- Perform weekly all hands safety meetings on Housekeeping and Personal Protective Equipment.
- Hand Protection, Scaffolding Awareness Orientations, and Heat Stress, Hot Weather.
- Working on ladders and scaffolding, Scissor Lifts, and Boom Lifts.

For the month of June we note the following:

- First Aid – A scaffold worker had a sliver of wood removed from a finger that happened when he was moving a scaffold board.
- No Near Misses
- No Recordable or Lost Time injuries

Jorge Garcia  
[jgarcia@SMARTSafetyGroup.com](mailto: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

<Attachment 20 has been deliberately left blank in this reporting period>

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"> <li>1. Additional gravel was added to the existing ramps at the tire washing/cleaning station</li> <li>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.</li> <li>3. The assigned laborers will also be sweeping the rumble plates when build-up occurs to maintain the efficiency of the plates.</li> <li>4. Above and beyond, the contractor added another set of rumble plates and gravel at the Dale Ave. entrance.</li> </ol>	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 5<sup>th</sup> 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