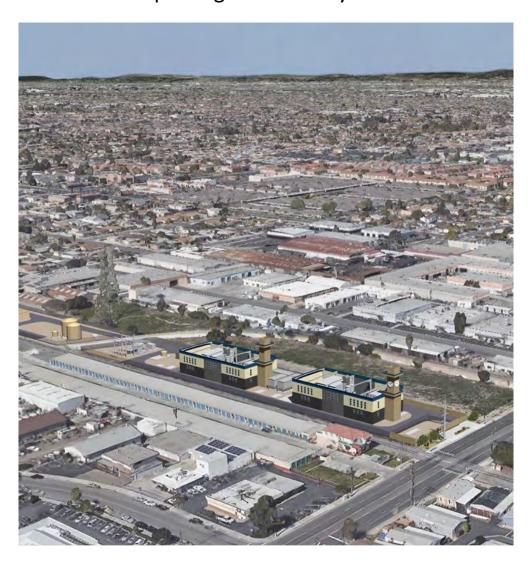
DOCKETED	
Docket Number:	16-AFC-01C
Project Title:	Stanton Energy Reliability Center - Compliance
TN #:	233484
Document Title:	Stanton Energy Reliability Center - Compliance
Description:	Stanton Energy Reliability Center May 2020 Monthly Compliance Report
Filer:	John Heiser
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	6/15/2020 7:00:08 AM
Docketed Date:	6/15/2020

# **Stanton Energy Reliability Center**

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



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

# Table of Contents

Key	/ Events List	3
1.	Summary	3
:	1.1 Engineering	5
	1.2 Procurement	6
:	1.3 Construction	6
:	1.4 Explanation of Significant Changes to the Schedule	7
2.	Documents Required by Specific Conditions for MCR	7
3.	Compliance Matrix	8
4.	Conditions Satisfied During Reporting Period	8
5.	Missed Deadlines	11
6.	Approved Changes to Conditions of Certification (COC)	12
7.	Governmental Agencies Submittals / Permits	12
8.	Compliance Activity Two Month Schedule	12
9.	On-Site Compliance File	12
10.	Incidents, Complaints, Notices of Violation, Official Warnings and Citations	12
Att	achment 1 – COM-6 Project Schedule	13
Att	achment 2 – COM-5 Compliance Matrix	34
Att	achment 3 – Air Quality	92
Att	achment 4 –Biological Resources	161
Att	achment 5 – CIVIL	340
Att	achment 6 – Cultural Resources	342
Att	achment 7 - Paleontology	347
Att	achment 8 – ELEC-1	349
Att	achment 9 – GEN-2 Master Drawing List	356
Att	achment 10 – GEN-3 CBO Payment	358
Att	achment 11 – GEN-6 Special Inspectors	360
Att	achment 12 – Gen-7 Discrepancy	362
Att	achment 13 – GEN-8 Final Inspections	364
Att	achment 14 – SOIL&WATER-4 Water Use	368
Att	achment 15 – SOIL&WATER-8 Encroachment Permit	370
Att	achment 16 – STRUC-1 CBO Approvals	372
Att	achment 17 – TRANS-1 Permits	376
Att	achment 18 – Safety Inspection Report	378
Att	achment 19 – CIVIL-3 Non-Compliance Reports	381
	achment 20 - COM-6 Filings & Permits to/by Government Agencies	
Att	achment 21 - COM-11 Reporting of Complaints, Notices, and Citations	385
	achment 22 – MECH-1 CBO Inspection Approvals	
	achment 23 – TRANS-5 Hazardous Materials Delivery & Waste Licensing	

# **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 July 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 (LNTP) on January 31, 2019, allowing the start of construction activities at the power plant site. The Full Notice to Proceed (FNTP) was issued by the CEC on February 12, 2019.

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

This document is a Monthly Compliance Report (MCR) as required by Condition of Certification (COC) COM-6. The information in this report documents the engineering, procurement, construction, and compliance activities that were performed during the reporting period: May 2020.

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

On February 28, 2020, SERC petitioned the CEC to change the certification for the SERC project to add additional construction parking and laydown areas. This modification will not result in any significant environmental impacts and no modifications to the Condition of Certification are necessary. On April 22, 2020, the CEC staff docketed their approval, subject to a 14-day public comment period. No public comments were received in 14-day public comment period.

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

Mechanical of the power block was achieved by ARB on May 28, 2020. ARB loaded the catalyst in the ERU's, completed the site fencing, final grade and demobilized from the site.

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

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

During this reporting period SoCal Gas completed work in the Fuel Gas MSA including electrical, cathodic protection wells and commissioning.

Battery Energy Storage System (BESS) construction commenced on March 16, 2020. During this reporting period, most of the work was placement of the major concrete pours including the transformer and HPSU foundations. All sixteen Isolation transformers, both Auxiliary transformers and both 1 and 2EMV-Switchgear-02 were set and the mezzanine deck structural steel was erected.

In May, the SERC facility completed the commissioning of the GE LM6000s, Units 1 and 2, and the commissioning of Emissions Reduction Units (ERU) 1 and 2. During the month, the facility also completed CAISO capacity performance certification testing of the turbine generators, conducted the GE Thermal Performance and Noise guarantee tests and began the Air Permit required emissions monitoring system (CEMS) and emissions compliance testing. A summary of the activities are as follows:

During the week of May 10th, Montrose Air Quality Services was on site to perform the
facility Air Permit required CEMS certification testing of Units 1 and 2. Preliminary
results of all the testing completed were all satisfactory. The 7-day emissions monitoring
accuracy drift testing for both units will continue into the month of June.

- On May 15th, the SERC facility performed a scheduled CAISO P-Min and P-Max generator capacity certification test on Units 1 and 2. Preliminary results for each unit are:
  - o Unit 1 P-Min 25.52 MW
  - o Unit 1 P-Max 49.79 MW
  - o Unit 2 P-Min 25.65 MW
  - Unit 2 P-Max 49.84 MW
- On May 25th Montrose Air Quality Services was on site to begin the facility Air Permit required Emissions Certification testing (Source). Unit 2 was completed on May 29th, on site results were all satisfactory, off site laboratory results pending. Unit 1 will begin testing June 1st.

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 May 2020.

Activity	Percent Complete
Engineering	
Power Island	99%
CBO Support	96%
BESS Design	84%
Procurement	
Owner Supplied Equipment	100%
Contractor Supplied Equipment	100%
Construction	
Power Island	100%
BESS	48%

## 1.1 Engineering

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

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

Power Engineers coordinated with GE regarding open issues on its equipment and design and incorporated new drawings from GE into Power Engineer's design.

A second uninterruptible power supply cabinet (battery cabinet) was added to the mezzanine plan drawings. Power Engineers created new drawings 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.

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

- Provided breakdown of engineering charges to back charge to ARB
- Updated fire protection drawings
- Corrected documentation to 480V breaker settings
- Coordinated with SERC and GE on modifications to gas and liquid vent drain
- Offered design suggestion to repair stolen ground cable
- Added plant tag name to GE cable schedule
- Provided deck penetration sleeve quantities and sizes to TTS.
- Revised grounding drawings to coordinate with contractor requested GE cable adjustments and Power Engineers designed connections to rebar
- Received and reviewed platform submittal from G&W
- Coordinated with SERC on the preparation of a fire alarm plan to be submitted to the Orange County Fire Authority
- 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 May the site fencing and gates were completed. Installed CO and NOx Catalyst on both Units. And provide commissioning support.

## Safety:

The month of May was completed with no First Aids, no near miss, no lost time injuries, or recordable injuries.

During this reporting period the contractor worked 2,054 man-hours without a lost time or recordable incident. To date, the contactor has worked 213,806.

#### Civil:

• None

## Piping:

None

# Structural:

None

# Electrical:

Support commissioning

## **TTSC**

## Safety:

During this reporting period the contractor worked 6,233 man-hours without a lost time or recordable incident. To date, the contractor has worked 10,610 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 224,416.

#### Civil:

- Forming and placement of the transformer/mezzanine foundation
- Forming and placement of the HPSU foundation

Forming and placement of the switchgear foundation Piping:

No site activities

#### Structural:

- Rebar and anchor bolts for the transformer foundation was installed
- Rebar, anchor bolts and embeds for the HPSU foundation was installed
- Core drill and epoxy major equipment including HPSU's and transformers
- Crane in and set 16 transformers
- Crane in and set 2 aux transformers
- Crane in and set 4 HPSU (battery containers)
- Crane in and set 2 switchgears complete
- Installation of the mezzanine structure including sections A and B

## Electrical:

- Pulling and terminating of the transformer daisy chain wiring
- Pulling and terminating of the transformer to switchgear wiring
- Installation of grounds

## 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 AQCMM's monthly report in Attachment 3.

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

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

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

**BIO-5:** During the reporting period 86 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,002. Documentation of worker training records for the reporting period is included in Appendix E of Attachment 4.

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

- **BIO-8:** The Designated Biologist and Biological Monitors have provided documentation on preconstruction nest surveys to the CPM, California Department of Fish and Wildlife (CDFW) and U.S. Fish and Wildlife Service (USFWS) as required. These activities and reports are addressed in the Monthly Biological Report included as Attachment 4. Impact avoidance and minimization measures related to nesting and breeding birds have been implemented during the reporting period. This information is included in Attachment 4.
- **CIVIL-1:** 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 5<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 86 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,002 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 six (6) approvals by the DCBO as indicated in Attachment 8.

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

- BESS Isolation Transformers (16)
- BESS High Power Storage Unit (HPSU) (4)
- BESS 13.8kV switchgear (Units 1 and 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 (6) final inspection during this reporting period as described in GEN-8 Attachment 13.

**MECH-1:** There were no completion of inspections received form the CBO during this reporting period. Documentation of transmittal letters of completion of all DCBO inspections are included in Attachment 22.

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

**NOISE-2:** There were no noise complaints received during this reporting period as indicated in Attachment 21.

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

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

**PAL-5:** During the reporting period 86 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,002. 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 879 CF. Daily water usage is provided within Attachment 14.

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

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

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

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

**TRANS-4:** During the reporting period project owner's general contractors did not apply for or receive an encroachment permit. However, the encroachment permits for the temporary driveway at Dale Ave and the sanitary sewer connection at Pacific St are still in place.

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

**TSE-2:** During this reporting period, the following major electrical equipment was received:

- BESS Isolation Transformers (16)
- BESS High Power Storage Unit (HPSU) (4)
- BESS 13.8kV switchgear (Units 1 and 2)

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

**WASTE-4:** During this reporting period two (2) forty-yard bins of construction waste, no (0) tenyard bin of construction waste, no (0) forty-yard waste metal bin and four (4) 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.

## 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

Remaining Level of Effort	38	39	LM6000 Packages	Owner Supplied Equip	32	အ	34	35	31	Real Properties or Land Control	28	26	29	24	25	27	Engineering	22	SCAQMD Air Permit	20	18	17	19	Pre-Construction Compliance (CEC)	מב	<b>3</b> :	4	13	CEC Permitting	Pre-construction Activities	8	7	6	GIA Key Milestones	4	Storage RAPA Key Milestone	2	LM6000 RAPA Key Milestone	SERC Baseline Pro	ACIVITY ID
FEffort Actual Work Oritical Remaining Work	Effective Date of Turbine Supply Contract	Engineering Received from Manufacturer		Owner Supplied Equipment (OSE) Procurement Schedule	SCE Easement Consent	Water Service Connection Permit	Sewer Service Connection Permit	Orange County Public Works (OCPW) Encroachment	Valov Lease Agreement Executed	d Control	BESS & EGT Integration Engineering	Receive Signed and Stamped Plan Set	Assemble Engineering into CBO submittal packages	"Issued For Bid" Engineering Package for Contractor	Further Develop Engineering to Signed and Stamped F	Vehicle Bridge Engineering		SCAQMD Authority To Construct (ATC) issued		Full Notice to Proceed (FNTP)	Limited Notice to Proceed (LNTP)	Compliance submittals necessary to get a Limited No	Compliance submittals necessary to get a Full Notice	lance (CEC)	CEC Decision Final (non-appealable)	Full Commission Decision for Approval	Post-Approval 30 day appeal period	Presiding Members Proposed Decision (PMPD) issued	Application for Continue	CIVITIES	Commercial Operation Date (No Later Than)	Initial Synchronization Date/Trial Operation (No Later T	In-Service Date (Initial Backfeed - Liquidated Damage	Ö	Expected Initial Delivery Date	Milestone	Expected Initial Delivery Date	Milestone	Baseline Project Master Schedule (w/ARB Apr Sched) & C	Activity Name
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61	Approval of Engineering		10070	19-Jul-18 A																							
55	Approval of Engineering		100%	27-Jul-18 A		(							1	1									1				1
54	Release for Fabrication of Nox & CO Catalyst	0	10070	13-Aug-18 A		(							 	1 1 1					1				1 1 1	1		1	1
53	Delivery of instalation proceedures	0	100%	24-Aug-18 A		(	)														<u> </u> 	<u> </u>					
60	Engineering Received from Manufacturer	0	100%	30-Aug-18 A			)																				
52	Delivery of maintenance proceedures	0	100%	07-Sep-18 A		(	)																			į	
59	Approval of Engineering	0	100%	13-Sep-18 A		(	)						 	1					1				1				1
A1010	Fabrication Drawings	4	100% 12-Oct-18 A	01-Feb-19 A			)						 	1									1 1 1			1	1
58	FNTP	0	100% 12-Oct-18 A			(	)																!				
A1020	SERC Review Fabrication Drawings	4	100% 01-Feb-19 A	15-Feb-19 A		(	)																				1
51	Manufacturer Time (FNTP-Delivery)	123	100% 15-Feb-19 A	18-Jun-19 A		(	)						 	1 1 1					1				1 1 1			1 1 1	1
A1030	Transportation Of ERU Materials	4	100% 01-Jul-19 A	16-Nov-19 A		(	)																				
50	Delivery/Goods Received (Duct, Stack, Silencer)	59	100% 01-Jul-19 A	25-Oct-19 A		(	)																			į	
49	NOx & CO Modules	0	100%	14-Oct-19 A		(	)						 	1								1	 			1	1
Generator Step-Up Trans	sformer (GSU)	194	100% 29-Jun-18 A	31-May-19 A		(	)														 !	 !					
65	Engineering Received from Manufacturer	56	100% 29-Jun-18 A	20-Sep-18 A		(	)																				
64	LNTP/PO Date	0	100%	29-Jun-18 A		(	)																				
67	Manufacturer Time (FNTP-Delivery)	162	100% 20-Sep-18 A	28-Feb-19 A		(	)						 	1					1		! !	1	1 1 1			1	1
66	FNTP	0	100% 20-Sep-18 A			(	)																!				
69	Delivery/Goods Received At Site	0	100%	31-May-19 A			)					1															
Vehicle Bridge			100% 01-Nov-18 A	22-Mar-19 A		(	)						1	1					1				1				1
71	LNTP/PO Date		100% 01-Nov-18 A			(	)						1	1							1		1 1 1			1	1
72	Engineering Received from Manufacturer		100% 02-Nov-18 A			(	2						 	1									1			1	1
73	FNTP	0	100%	07-Jan-19 A		(	)																į				
74	Manufacturer Time (FNTP-Delivery)	24	100% 08-Jan-19 A	28-Feb-19 A									1	1							:						
75	Delivery/Goods Received	0	100%	22-Mar-19 A		(							1									!	1 1 1	1 1		1	1
Balance Of Plant OSE			100% 01-Jul-18 A	01-Apr-19 A		(	)						1	1					1				1			1	1
78	Place BOP OSE Purchase Orders	180	100% 01-Jul-18 A	28-Dec-18 A							<u> </u>												<u> </u>	<u> </u>			

Page 2 of 20

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

Milestone

	er Schedule (w/ARB Apr Sched) CEC/SCE	0.5	lar a		WBS Su		f .												200	_					0-Jun-	-20 10:
vity ID	Activity Name	OL	% Comp   Start	Finish	11-	Fin Va			g Se	en O	ct No	v De	c Jar	) Fe	b M	lar A	nr M	lay J	202 <sup>-</sup> lun		Aug	Sen	Oct	Nov	Dec	Jan
79	Available for delivery to the Project Site	0	100% 01-Apr-19 A		_	(	<del> </del>	710	9   0	<del>)</del>   0	01 110	7   50	Julia	110		iai /	101	idy   0	i	oui	7 lug	ССР		1407	Dec	Juni
Construction Contracting			100% 03-Sep-18 A	24-Jan-19 A		(	)																	 		
81	Receive Initial Bids from Construction Contractors		100% 03-Sep-18 A			C	<u> </u>																			
82	Review Initial Bids	30	100% 04-Sep-18 A	04-Oct-18 A		(				į								į								
83	Short list two construction contractors and negotiate	28	100% 04-Oct-18 A	26-Nov-18 A		(		!														1		! !		1
85	Contractor Pricing Refresh	18	100% 26-Nov-18 A	14-Dec-18 A		(																,		! !		
84	Achieve Commercial Lockdown	0	100%	26-Nov-18 A		(	)																			
87	Review Final Bids / Select Contractor	2	100% 14-Dec-18 A	20-Dec-18 A		(		1	1				1		-							1				1
86	Final Bids Turned In	0	100%	14-Dec-18 A		(		!														1		! !		
89	Make executed construction contract available in the		100%	21-Dec-18 A		(																				
88	Execute Construction Contract		100%	21-Dec-18 A		(		1	1			1			-			1				1		1 1 1		1
90	Provide Notice To Proceed to Contractor		100%	24-Jan-19 A				 !		<del>-</del>								<del>-</del>						   		1
Project Finance	Trondo trodos to roccou to continuoto.		100% 16-Oct-18 A	24-Jan-19 A																						
92	Provide Mandate to Helaba		100% 16-Oct-18 A	Z-Four-13A																		,				
94	Develop Loan Documentation	1	100% 16-Oct-18 A	17_ lan_19 A				1				1	1									1		i !		1
93	•	- 4	100% 16-Oct-18 A					1	1	-		!	!		1			!				1 1 1		! !		1
	Perform Dilligence Financial Close	1		14-Jan-19 A			`																	:  !		<u> </u>
95	rinanciai Ciose		100% 24-Jan-19 A	00 D - 01																						į
CEC Compliance			48.63% 19-Dec-18 A		0	-																				
CBO Activity 99	CBO Kick off Meeting		100% 19-Dec-18 A	19-Dec-18 A				1	1	-		!	1		1			!				1		! !		1 1 1
98	CBO Contract Execution		100% 100% 19-Dec-18 A				4																	! !		
CBO performance of duti			100% 19-Dec-18 A			,	<b></b>																	: 		į
101	Review and approve Pre-construction submittal	217 1	100% 26-Dec-18 A																							
103	Perform Plan Check of Submittals	148						 	1			 	1		1			1				1		! !		1 1 1
102	Inspector On Site	390				(																		! !		1
CEC Compliance R1	inopostor on old		36.47% 20-Jul-19 A	-	0																					
Air Quality			36.11% 31-Oct-19 A		113																					
AQ-1010	AQ-D1b - Initial Source Test		100% 31-Oct-19 A			(		i 1 1	i ! !				1		1			1				1		i ! !		1 1 1
AQ-1015	AQ-D1b - Initial Source Test	0	100% 28-Mar-20 A			C		!					!									1		1		1
AQ-1020	AQ-D2 - Operations Source Test	0	0% 28-Jun-20		418	C	8																			
AQ-1170	AQ-K1 - Source Test Results	0	0% 04-Aug-20		388	C		8														1				1
AQ-1100	AQ-D5 - CEMS for NOx	0	0% 04-Aug-20		388	C		8														 !				
AQ-1080	AQ-D4 - CEMS for CO	0	0% 04-Aug-20		388	C		8																		
AQ-1160	AQ-H1 - NOx CEMS Performance Evaluation	0	0% 25-Nov-20		298	(						8														
AQ-1000	AQ-D1a - Initial Source Test	0	0% 25-Nov-20		298	(		 	1	-		<b>*</b>	!		1 1 1			1 1 1				1		! !		1 1 1
AQ-1050	AQ-D3 - NH3 Source Test	0	0% 14-Jul-21		113	(														\$				! !		
Biological		444	66.19% 31-Jul-19 A	05-Feb-21	240																					
BIO-1030	BIO-8a1 - Pre-Construction Nest Surveys and Impact		100% 31-Jul-19 A			(		i ! !	; ; ;			i ! !	1	1	 			! ! !				,		! !		1 1
BIO-1050	BIO-8b - Preconstruction Nest Survey Letter Report	0	100% 19-Aug-19 A			(		1						-	-			1		1		1		! !		1
BIO-1040	BIO-8a2 - Pre-Construction Nest Surveys and Impact	0	100% 19-Aug-19 A			(		1	!				 									!		! ! !		1
Remaining Level of	Effort Actual Work Critical Remaining Wo	ork			Page 3	of 20						TASK 1	iltor: N	ot Levi	ol Of F	-ffort										

TARK files: Not I real Of Differ	TASK	Page 4 of 20	ס		ork —	키of Effort Actual Work Critical Remaining Work	Remaining Level of Effort
		0	28-Jan-20 A	0% 28-Jan-20A	0		Transmission
		G		100% 05-Nov-19A	0 10	SIRUC-4a - lank and HazMat Vessel Design	SIR-1010
		0	05-Nov-19 A				Structural
	<b>♦</b>	315 10		၀	0	PAL-8 - Curation Entity/Curation Fees	PAL-1010
	<b>*</b>	315 10	02-MON-CO	0% 20-Aug-20	0	PAL-7 - Paleontological Resources Report	PAL-1000
			DS NO. 30			NOISE-4b - Noise Survey Summary Report	NOI-1020
		0				NOISE-4a - Operational Noise Survey	NOI-1010
			03-Jun-20			NOISE-5 - Occupational Noise Survey	NOI-1030
			22-Jun-20	0% 03-Jun-20	15		Noise
		0		100% 03-May-20 A		MECH-3a - HVAC Plans	MECH-1010
		0		100% 03-May-20 A	0 10	MECH-3b - HVAC Plans	MECH-1020
		0			0 10	MECH-2a - Pressure Vessel Installation	MECH-1000
		0	03-May-20 A	100% 24-Aug-19A	202 10		Mechanical
		0		100% 09-Mar-20 A	0 10	HAZ-9 - Fuel Gas Pipe Cleaning	HAZ-1090
		0		100% 04-Nov-19A	0 10	HAZ-2c - Final Risk Management Plan	HAZ-1020
		0		100% 04-Nov-19 A	0 10	HAZ-3 - Aqueous Ammonia Safety Management Plan	HAZ-1030
		0		100% 04-Nov-19 A	0 10	HAZ-4 - Ammonia Storage Tank Design	HAZ-1040
		0		100% 04-Nov-19A	0 10	HAZ-5 - Transport Vehicle Specifications	HAZ-1050
		0		100% 23-Aug-19 A	0 10	HAZ-6b - Route Restrictions, New Vendor	HAZ-1070
		0		100% 29-Jul-19A	0 10	HAZ-2b - Final Risk Management Plan	HAZ-1010
		0		100% 28-Jul-19A	0 10	HAZ-6a - HazMat Transport Route Restrictions	HAZ-1060
		0		100% 20-Jul-19A	0 10	HAZ-2a - Final HMBP and SPCC	HAZ-1000
		0 6	03-INGI-20 A			HAZ-8a - Operations Site Security Plan	HAZ-1080
			09 Mar 20 A				Hazardous
	·····································					GEN-8c - Plan and Specification Archive Copies	GEN-1040
	<b>&gt;</b> → <			0% 09-Oct-20		GEN-1a - Certificate of Occupancy	GEN-1000
						GEN-1b - Certificate of Occupancy	GEN-1010
	***	388 0		0% 04-Aug-20	0	GEN-8b - Plan and Specification Storage	GEN-1030
			24-Nov-20				General
	<b>•</b>	375 10		0% 20-Aug-20	0	CUL-4b - Final Cultural Resources Report	CUL-1010
				100% 16-May-20 A		CUL-1j - Discharge the CRS, after receiving approval f	CUL-1000
		375 10	20-Aug-20	100% 16-May-20 A			Cultural
		0 0	OO-INICAL-FOOT	100% 03-May-20 A		COM-12b - Emergency Response Site Contingency Pl	COM-1020
		-	03-May-20 A	0% 03-May-20 A			Communication
		•	16-May-20 A	0% 16-May-20 A	0 0	CIVII 4a - Final Grading Plan Approval	Civil
		240 0		05		BIO-5c - WEAP Training Acknowledgement Forms on	BIO-1000
		390 0		0% 01-Aug-20	0	BIO-6e - BRMIMP Construction Closure Report	BIO-1010
		390 0		0% 01-Aug-20	0	BIO-7b - General Impact Avoidance and Mitigation Me	BIO-1020
				100% 19-Sep-19 A	0 10	BIO-8c - Implementation of Nest Surveys and Inclusio	BIO-1060
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	2020  Jun Jul Aug Sep Oct Nov Dec	Var. May J	Finish	omp   Start	OD %Comp	Activity Name	Activity ID
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Rema	00-Milest-310	00-Milest-300	Project Milestones	00-Milest-200	00-Milest-190	00-Milest-130	00-Milest-120	00-Milest-110	Contract	Milestones	Stanton En	LM6000 d	WRSF-1070	WRSF-1080	WRSF-1050	WRSF-1060	WRSF-1000	WRSF-1010	WRSF-1020	WRSF-1040	Worker Safety	WASTE-1050	WASTE-1020	Waste	VIS-1080	VIS-1100	VIS-1000	VIS-1030	VIS-1020	VIS-1010	12E-1020	TSE-1070	TSE-1080	TSE-1090	TSE-1050	TSE-1060	Switchyard	TNP-1000	Transportation	1 2 4	Activity ID
Remaining Level of Effort	st-310	st-300	lestones	st-200	st-190	st-130	st-120	st-110	ontract Milestones		ergy Reliabili	construction	070	080	050	060	000	010	020	040	fetv	1050	1020									0	0	0	O	0		0		5	
Ash of Work	Start of Mobilization	Kick-off Meeting		Final Project Completion Date = 30MAY20	Scheduled Mechanical Completion Date = 01Mar20	Commencement Date & NTP = 04FEB19	Effective Date	Contract Negotiations			Stanton Energy Reliability Center - 03MAY20	M6000 Construction Schedule	WORKER SAFETY-8f - Final UL Certification of ESS	WORKER SAFETY-8f.1 - Final UL Certification of ESS	WORKER SAFETY-8e - Letter to OCFA	WORKER SAFETY-8e.1 - Letter to OCFA	WORKER SAFETY-2a - Operations H&S Program	WORKER SAFETY-2b - Operations H&S Program	WORKER SAFETY-7a - Fire Protection System Specifi	WORKER SAFETY-7c - Fire Protection System Specifi	-	WASTE-8a - Operation Waste Management Plan	WASTE-1b - SMP Summary		VIS-4d - Lighting Inspection Ready, Notification	VIS-4h - Pre-COD Inspection	VIS-1c - Notification that Treatment Completed	VIS-2d - Landscaping Ready for Inspection	VIS-2c - Landscape Installation Timing	VIS-2a - Screening Landscaping Plan	ISE-20 - Final Switchyard Design	TSE-5b - As-Built Drawings	TSE-5c - As-Built Drawings	TSE-5d - As-Built Drawings	TSE-4a - Notice to CAISO	TSE-4b - Notice to CAISO		TRANS-4b - Copies of Permits	I POIN-7 - IMERGIIIC OBJECTS GLORIIMEN	HICKLY Matellia Objects Orangela	Activity Name
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	100% 04-Feb-19A	100% 14-Jan-19 A	100% 14-Jan-19 A	100%	100%	100% 04-Feb-19A	100% 24-Dec-18 A		100% 09-Nov-18 A	100% 09-Nov-18A	100% 28-Feb-16A	100% 28-Feb-16A	0% 30-Jul-20	0% 30-Jul-20	100% 16-May-20 A	100% 16-May-20 A	100% 09-Mar-20 A	100% 09-Mar-20 A	100% 28-Jul-19A	100% 28-Jul-19A	100% 28-Jul-19A	0% 05-Feb-21	0% 31-May-20	0% 31-May-20	0% 05-Feb-21	0% 05-Feb-21	0% 25-Jun-20	100% 21-May-20 A	100% 16-May-20 A	100% 03-Feb-20 A	0% 02-Dec-21	100% 14-May-20 A	100% 14-May-20 A	100% 14-May-20 A	100% 06-Mar-20 A	100% 02-Mar-20 A	100% 02-Mar-20 A	0% 05-Feb-21	0% 05-Eah-21		%Comploiding
		14-Jan-19 A	01-Sep-20	30-May-20 A	01-Mar-20 A		24-Dec-18 A	-		01-Sep-20	01-Sep-20	01-Sep-20					-				30-Jul-20			05-Feb-21						17-G91-C0							02-Dec-21	00-160-21			
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00-Milest-320	Parcel 1 Temp Power Available = 08FEB19	0	100%	08-Feb-19 A			0												:		-							
00-Milest-240	Begin Site Disturbance = 19FEB19	0	100%	25-Feb-19 A			0	 						 	1	- 1			1 1 1 1		1		1				1 1 1	
00-Cranes-110	Crane Site Mobilization	1	100%	31-Aug-19 A	31-Aug-19 A		0												!								1	
00-Cranes-130	Crane Demob	2	100%	20-Nov-19 A	21-Nov-19 A		0																					
00-Milest-710	Switchyard Substation Construction Completed	0	100%		06-Dec-19 A		0										4		j									
00-Milest-720	Ready for SCE Start Backfeed	0	100%		06-Dec-19 A		0	<u> </u>			1			 	1				1 1 1		1		1			 	1 1 1	
00-SwYard-920	Switchyard Substation: SCE Backfeed Completion		100%		28-Feb-20 A		0												!									
00-Milest-820	U2 1st Fire Readiness		100%		11-Apr-20 A		0																				: : :	
00-Milest-810	U1 1st Fire Readiness	0	100%		14-Apr-20 A		0	:						 			1		1 1 1		1		1				1 1 1	
00-Milest-620	U1 Mechanical Completion Milestone	0	100%		20-Apr-20 A		0										!		!									
00-Milest-610	U2 Mechanical Completion Milestone	0			25-Apr-20 A		0																					
00-Milest-910	Projected Mechanical Completion Date	0	100%		27-Apr-20 A		0												i 1 1								i 1 1	
00-Milest-920	Projected Final Completion Date	0	0%		01-Sep-20*	-75		 			•			 	1	- 1	!		1 1 1	-	1		!			 	1 1 1	
Payment Milestones	Projected i mai completion date	343		24-Dec-18 A		-53	0				<b>\Q</b>			 	-				1 1 1	-	1		!			1	1 1 1	
Initial Milestones					15-Feb-19 A	-55	0												 !	. <del> </del>	- <del> -</del>							
00-Paymnt-001	At Contract Execution		100%		24-Dec-18 A		0																					
00-Paymnt-003	At Notice to Proceed	0	100%	04-Feb-19 A			0																					
00-Paymnt-004	Mobilization	0	100%	04-Feb-19 A			0	:			1			 			!		1							1	1 1 1	
00-Paymnt-002	Completion of Preliminary Work	0	100%		15-Feb-19 A		0	:						 	-				1								1 1 1	
Site Civil Works - Ducth	pank Milestones	98	100%	09-May-19 A	28-Oct-19 A		0												 !	÷								
00-Paymnt-005	15 kV Ductbank Trenching Complete	0	100%		09-May-19 A		0																					
00-Paymnt-009	15 kV Ductbank Installed	0	100%		29-May-19 A		0	-						 			!		i ! !								1 1 1	
00-Paymnt-008	Ductbank Materials Procurement Complete	0	100%		26-Jul-19 A		0	:						!	1				1 1 1		1		:				1 1 1	
00-Paymnt-006	66 kV Ductbank Trenching Complete	0	100%		06-Sep-19 A		0												!									
00-Paymnt-010	66 kV Ductbank Installed	0	100%		12-Sep-19 A		0												 -	·	 							
00-Paymnt-007	480 Volt Ductbank Trenching Complete	0	100%		16-Sep-19 A		0				Ì																i !	
00-Paymnt-011	480 Volt Ductbank Installed	0	100%		28-Oct-19 A		0	-						!	1				1 1 1	-			}			!	1 1 1	
Site Civil Works - Parce	el 1 Milestones			06-May-19 A	06-Mar-20 A		0	ļ											1								1	
00-Paymnt-013	Spoils Delivery Complete of Parcel 1	0			06-May-19 A		0																					
00-Paymnt-012	Mass Excavation of Parcel 1 Complete	0	100%		06-May-19 A		0																					
00-Paymnt-014	Installation of Geotextile and Associated Aggregate	0	100%		17-May-19 A		0	:			!			 	1	- 1			1 1 1 1 1	-	1		!			 	1 1 1	
00-Paymnt-015	Recompaction necessary for Installation of Major Fou	0	100%		08-Jul-19 A		0	:						 	-				1								1 1 1	
00-Paymnt-016	Recompaction back to Rough Grade after Foundation	0	100%		06-Mar-20 A		0																					
Site Civil Works - Wate	r Farm Milestones	90	100%	28-Feb-19 A	08-Jul-19 A		0									İ.												
00-Paymnt-017	Mass Excavation for Water Farm Area (including Demi	0	100%		28-Feb-19 A		0	:						 	1		1		1 1 1	-	1		1				1 1 1	
00-Paymnt-018	Installation of Geotextile and Associated Aggregate C	0	100%		28-Feb-19 A		0	:						 	!				1	-	1		}				1 1 1	
00-Paymnt-019	Recompaction necessary for Installation of Foundatio	0	100%		08-Jul-19 A		0													}			!			!	1 1 1	
Site Civil Works - Ware		138	100%	22-Jul-19 A	02-Mar-20 A		0																!				1 1 1	
00-Paymnt-022	Recompaction necessary for Installation of Warehous	0	100%		22-Jul-19 A		0												; ;									
00-Paymnt-020	Mass Excavation for Warehouse Area - Scope Elimina	0	100%		22-Jul-19 A		0												!	1	!							-

Actual Level of Effort

SEF	C Baseline Project Maste	er Schedule (w/ARB Apr Sched) CEC/SCE				WBS S	Summary																		10-J	un-20 10:05
Activity	'ID	Activity Name	OD	% Comp Start	Finish	Т	F Fin.		202					_		_				20						2022
							Var.	May	Jun	Jul A	ug S	Sep C	Oct N	ov Dec	c Ja	an Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov De	ec Jan
	00-Paymnt-021	Installation of Geotextile and Associated Aggregate C		100%	02-Mar-20 A		0										1									
	Bridge Milestones	Vehicle Dridge heatelleties Consulete and Appropried for		100% 26-Jul-19 A	13-Sep-19 A		0																			
	00-Paymnt-023	Vehicle Bridge Installation Complete and Approved for		100%	26-Jul-19 A						į						1									
	00-Paymnt-024	Utility Bridge Installation Complete with CBO Approva		100%	13-Sep-19 A		0																			
	Structural - Major Found 00-Paymnt-028	Ammonia Sump Pit		100% 06-May-19 A 100%	16-Sep-19 A 06-May-19 A		0	:	-	!	1		-	!	1		1 1 1	1								
	00-Paymnt-027	Ammonia Tank Foundation and Sump	0	100%	07-Jun-19 A		0																			
	00-Paymnt-034	CTG2 Foundation Poured	0	100%	25-Jun-19 A		0				į						1									
	00-Paymnt-030	CTG2 Foundation Formed	0	100%	08-Jul-19 A		0				-				1		i ! !								1	
		ERU2 Centerline Foundations Formed (including Stac		100%	08-Jul-19 A		0										- - -									
	00-Paymnt-032										-						1									
	00-Paymnt-025	Receipt of all Shop Fab Rebar at Site		100%	26-Jul-19 A		0																			
	00-Paymnt-029	CTG1 Foundation Formed		100%	26-Jul-19 A		0																			
	00-Paymnt-031	ERU1 Centerline Foundations Formed (including Stac		100%	26-Jul-19 A		0				į				; ; ;		1 1 1								; ; ;	
	00-Paymnt-033	CTG1 Foundation Poured		100%	26-Jul-19 A		0								<u>.</u>			ļ								
	00-Paymnt-036	ERU2 Centerline Foundations Poured (including Stack	0	100%	26-Jul-19 A		0	:		!	1 1 1	:			!		1 1 1	1								
	00-Paymnt-026	GSU Foundation Poured	0	100%	16-Sep-19 A	١	0				1 1 1	-	-		1		1 1 1	1								
	00-Paymnt-035	ERU1 Centerline Foundations Poured (including Stack	0	100%	16-Sep-19 A		0										1									
	Structural - Minor Found		134				0										1									
Ш	00-Paymnt-038	Demin Water Tank	0	100%	06-May-19 A		0					<del> </del> <del> </del>	<del>-</del>		 		; {	ļ 					; 			
	00-Paymnt-039	RO Skid	0	100%	20-Jun-19 A		0			!	1				! ! !		1 1 1	1							1	1 1
	00-Paymnt-040	Demin Water Skid	0	100%	28-Jun-19 A		0				1				1		1 1 1	1								
	00-Paymnt-043	480 Volt MCC - Water Treatment	0	100%	02-Jul-19 A		0										1									
	00-Paymnt-046	Utility Bridge Abutments	0	100%	17-Jul-19 A		0																			
	00-Paymnt-049	Utility Rack Supports	0	100%	17-Jul-19 A		0				1						i 1 1									
	00-Paymnt-045	Spread Footings for Roofless Enclosure U2	0	100%	26-Jul-19 A		0										 ! !									
	00-Paymnt-048	PDM Columns	0	100%	05-Sep-19 A		0				1						1 1 1	1								
	00-Paymnt-041	Fogging Water Skid U1	0	100%	16-Sep-19 A		0																			
	00-Paymnt-042	Fogging Water Skid U2	0	100%	16-Sep-19 A		0										i 1 1									
	00-Paymnt-044	Spread Footings for Roofless Enclosure U1	0	100%	16-Sep-19 A		0	-		!	1	1					1 1 1	1					1 1			
	00-Paymnt-047	Power Distribution Module (PDM) Building Spread Foo	0	100%	16-Sep-19 A		0											 !	·							
Ш	00-Paymnt-050	Switchyard Support	0	100%	25-Sep-19 A		0				į						: : :									
	00-Paymnt-051	Switchyard Substation Module Foundation		100%	25-Sep-19 A		0										i 1 1									
Ш	00-Paymnt-052	Fuel Gas Compressor Area Foundations	0	100%	26-Sep-19 A		0	-	-		1				1		1 1 1	1					1 1			
1	00-Paymnt-057	BESS Switchgear Foundation	0	100%	04-Oct-19 A		0										1									
	00-Paymnt-055	CTG2 Miscellaneous Foundations		100%	16-Oct-19 A		0											i								
	00-Paymnt-053	CTG1 Miscellaneous Foundations		100%	22-Nov-19 A		0	}			1						i 1 1	1							! ! !	
	00-Paymnt-037	Receipt of Shop Fab Rebar at Site	0		22-Nov-19 A				i		i ! !				1		1 1 1	1 1 1							; ! ! !	
				100%			0			; ; ;	i i i i				1		1 1 1 1	1 1 1							; ! ! !	
	00-Paymnt-056	ERU2 Miscellaneous Foundations	0	100%	03-Jan-20 A		0				1 1 1						1 1 1	1							1 1 1	
	00-Paymnt-054	ERU1 Miscellaneous Foundations	0	100%	08-Jan-20 A		0		- 1		1 1 1	-	-	1	1		1 1 1	1					1 1		 	1 1

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

Milestone

Page 7 of 20 TASK filter: Not Level Of Effort.

ID .	er Schedule (w/ARB Apr Sched) CEC/SCE Activity Name	OD	% Comp Start	Finish	TF	F Fin.		20	)20											20	21					2
						Var.	May	Jun	Jul	Aug S	Sep (	Oct	Nov De	c Ja	ın Fe	eb I	Mar	Apr	May	Jun	Jul	Aug S	Sep O	ct No	v Dec	c Ja
UG Storm Water System			100% 27-Mar-19 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	١	0								į		į	į					į				
00-Paymnt-059	Install Storm Drain Pipe South	0	100%	26-Feb-20 A	<b>.</b>	0																į				
00-Paymnt-061	Install all other Storm Drain Segments	0	100%	30-Mar-20 A		0							! ! !			1							1		-	
00-Paymnt-062	HydroTest Stormwater Systems	0	100%	30-Mar-20 A		0																!	!			
UG Piping Installation M		186				0				1						1		i				1	1		-	
00-Paymnt-063	Procure Underground Pipe	0	100%	26-Apr-19 A		0							!										1			
00-Paymnt-065	Install Demin Water pipe	0	100%	17-Jun-19 A	<b>.</b>	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					į															
UG Ground Grid Milesto	ones	174	100% 26-Jun-19 A	08-May-20 A	۱	0				1	:		1	1		1 1 1	-					( ( (	1			
00-Paymnt-069	Installation of Ground Grid - Switchyard Substation Ar	0	100%	26-Jun-19 A		0				1	1			-		1		i				1	 			1
00-Paymnt-068	Procure Ground Grid	0	100%	26-Jul-19 A		0				1	1			1		1	!	i				!	1 1 1		}	
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							1										1			
00-Paymnt-070	Installation of Ground Grid - Power Island 1	0	100%	06-Sep-19 A	\	0										į						į				
00-Paymnt-073	Installation of Ground Grid - BESS 15 kV Switchgear A	0	100%	04-Oct-19 A		0							1										1			
00-Paymnt-075	Installation of Ground Grid - Remainder	0	100%	28-Feb-20 A		0				1			1	1		1 1 1						1 1 1	1 1 1		1	
00-Paymnt-074	Installation of Ground Grid - Perimeter	0	100%	08-May-20 A		0	<b>*</b>	    	    														<del>-</del>			
Unit Substation Milestor		59	100% 30-Aug-19 A			0												,								
00-Paymnt-080	Switchyard, Substation: Protection Module		100%	30-Aug-19 A		0									į	į										
00-Paymnt-076	Set GSU	0	100%	04-Sep-19 A	\	0							i ! !			1							1			
00-Paymnt-077	GSU Dress Out Complete	0	100%	11-Sep-19 A	\	0					;		!	1		! ! !						1 1 1	1 1 1		-	
00-Paymnt-078	GSU Auxiliary Connections Complete	0	100%	30-Oct-19 A		0			<del> </del> -																	
00-Paymnt-079	All other 66 kV Apparatus Installed and Conductors Co		100%	22-Nov-19 A		0					1		!	!		1	-					1	1 1 1		}	
00-Paymnt-081	High Voltage Protective Relay Testing Complete		100%	06-Dec-19 A		0																				
<u> </u>	ting and Installation Milestones		100% 19-Sep-19 A			0										į										
00-Paymnt-083	CTG1 - Install Base Plates		100% 19-Sep-197	19-Sep-19 A		0							i ! !			1							1			
00-Paymnt-084	CTG1 - Level CTG Frame		100%	27-Sep-19 A		0		 																		
00-Paymnt-082	CTG1 - Shake Out CTG Parts		100%	28-Sep-19 A		0				 	1			1		1 1 1	!	i				1	1 1 1		-	1
00-Paymnt-088	CTG1 - Install VBV Ducting		100%	14-Oct-19 A		0					1		!	!		1	-					1	1 1 1		}	
00-Paymnt-089	CTG1 - Install VBV Bushing	0	100%	18-Oct-19 A		0																				
00-Paymnt-086	CTG1 - Install Air Intake Trans Ducting	0	100%	18-Oct-19 A		0									į	į										
	-	0																								
00-Paymnt-087	CTC1 - Air Housing Internals	U	100%	29-Oct-19 A		0				 	1	-	 		-	!	1 1	i				 	1 1 1	-		
00-Paymnt-090	CTG1 - Air Housing Internals	0	100%	28-Jan-20 A		0				 		-		1	-	1	1 1 1					1 1 1	1 1 1			
00-Paymnt-092	CTG1 - Final Wipe Down Air Inlet		100%	15-Feb-20 A		0				 	1		!		-	!	1	i				1	1			
00-Paymnt-091	CTG1 - Final Check and Grout		100%	22-Feb-20 A		0				 	1	1				!	1					1	1			
00-Paymnt-085	CTG1 - Internal Final Alignment Checks	0	100%	28-Feb-20 A	.	0				1		- 1		;			;					1				

Actual Level of Effort Remaining Work ◆ Milestone

D	Activity Name	OD	% Comp	Start	Finish	T	F Fin.		202	20												021					
							Var	Мау	Jun	Jul	Aug S	Sep	Oct 1	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov D	ec J
00-Paymnt-093	CTG1 - GE Signoff		100%		27-Apr-20 A		0				1			1				1			1		}				1
	tting and Installation Milestones			27-Sep-19 A			0	_			1			1				1 1 1	-	-	1						!
00-Paymnt-094	CTG2 - Shake Out CTG Parts		100%		27-Sep-19 A		0	_						-				1 1 1			1		-				
00-Paymnt-095	CTG2 - Install Base Plates	0	100%		27-Sep-19 A		0						-	1				1 1 1		1	1		}	1			1
00-Paymnt-096	CTG2 - Level CTG Frame	0	100%		27-Sep-19 A		0	1	ļ									¦ 	ļ								
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											i 1	į								į
00-Paymnt-097	CTG2 - Internal Final Alignment Checks	0	100%		13-Dec-19 A		0											i 1 1						1			
00-Paymnt-103	CTG2 - Final Check and Grout	0	100%		17-Jan-20 A		0						-	1	-			1 1 1			1		}	1			1
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							!				1 1 1			1			1			1
00-Paymnt-099	CTG2 - Install Generator Vent Ducting		100%		22-Feb-20 A		0											1									
00-Paymnt-105	CTG2 - GE Signoff	0			27-Apr-20 A		0																				
	tting and Installation Milestones			26-Nov-19 A	23-Apr-20 A		0																				
00-Paymnt-106	ERU1 - Complete Field Bolt Up and all Sections Set		100%	20-110V-13 A	26-Nov-19 A		0								i										·		
00-Paymnt-107	ERU1 - Insulation and Liner Plates		100%		28-Feb-20 A		0											i 1 1			1			1			
00-Paymnt-108	ERU1 - Field Load Catalyst		100%		23-Apr-20 A		0				!		-	1	-			1 1 1	-		1 1		-	1 1 1			1
	tting and Installation Milestones	108		06-Sep-19 A	20-Apr-20 A		0			-	!		- 1	-				1	-		1						:
00-Paymnt-112	Set Fuel Gas Compressor Equipment	0	100%	00-06P-13 A	06-Sep-19 A		0							-				1 1 1			1		-				
00-Paymnt-113	Set Demin Area Equipment	0			13-Sep-19 A		0																				
00-Paymnt-118	Set Ammonia Forwarding Skid	0	100%		16-Sep-19 A		0	-																			
00-Paymnt-119	Ammonia Tank	0	100%		16-Sep-19 A		0	_										i 1 1			1						
00-Paymnt-114	Set PDM and Control Modules	0	100%		02-Oct-19 A		0	_										i 1 1									
			100%		21-Nov-19 A		0	_			1			1	-			1 1 1			1			1			1
00-Paymnt-109	ERU2 - Complete Field Bolt Up and all Sections Set							ļ										 									
00-Paymnt-116	Set ERU Aux Skid - Ammonia Vaporization Skids		100%		17-Dec-19 A		0	4			1			1				1	1		1		}	1			1
00-Paymnt-115	Set CTG Aux Skids		100%		20-Dec-19 A		0				1			1	-			1 1 1		-	1 1		-	1			1
00-Paymnt-110	ERU2 - Insulation and Liner Plates	0	100%		03-Jan-20 A		0											1			1			1			
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			i.					<u>.</u> .			<u> </u>	<u> </u>		<u>.</u>		<u></u> j.		<u>.</u>		<u>.</u>
Demin Water Tank Mile		34		23-Sep-19 A	02-Dec-19 A		0											i 1 1						1			
00-Paymnt-120	Demin Water Tank Materials Delivered at Site	0	10070		23-Sep-19 A		0											i 1 1			1			1			
00-Paymnt-121	Demin Water Tank Installation Complete	0	100%		02-Dec-19 A		0			-			-	1	-			1 1 1	1		1		1	1 1 1			 
AG Piping Installation N				30-Aug-19 A			0				1			1	1			1					1	1			-
00-Paymnt-122	Procurement of AG Pipe Materials and Receipt of 100°		100%		30-Aug-19 A		0		ļ									¦						·			
00-Paymnt-126	Rack and Utility Bridge Piping (Demin Water)		100%		16-Sep-19 A		0	_			 			1							1		1	1			
00-Paymnt-123	Lube Oil Piping CTG1 and CTG2		100%		10-Dec-19 A		0				 			1				! !			1			1			1
00-Paymnt-124	Demin Water @ CTG1 and CTG2	0	100%		10-Dec-19 A		0							!				! !			1			1			
00-Paymnt-125	Demin Water @ Tank Area	0	100%		10-Dec-19 A		0							1				1			1			1			
00-Paymnt-128	Ammonia System Piping	0	100%		20-Dec-19 A		0			į				i				1	-		1				- 1		į

Remaining Work 

Milestone Actual Level of Effort

SE	RC Baseline Project Master	r Schedule (w/ARB Apr Sched) CEC/SCE				WBS Sui	mmary	,																		10	-Jun-20	10:05
Activi	ity ID	Activity Name	OD %	6 Comp Start	Finish	TF	Fin.		202	20										_	202	21						2022
							Var.	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar A	pr	May J	lun	Jul	Aug	Sep	Oct	Nov I	Dec J	Jan <sup>Feb</sup>
	00-Paymnt-127	CTG Package Drain System		100%	29-Feb-20 A		0	-																				
	00-Paymnt-129	Natural Gas System Piping		100%	16-Mar-20 A		0																					
	Electrical Procurement I			100% 16-Sep-19 A	22-Jan-20 A		0																					
	00-Paymnt-130	Cable Tray Procurement (Received on Site 100%)		100%	16-Sep-19 A			-							1		1 1 1							1			! ! !	
	00-Paymnt-134	Fabricated Structural Steel Procurement (Received or		100%	16-Sep-19 A		0																					
	00-Paymnt-132	13.8 kV Cable Procurement (Received on Site 100%)		100%	08-Dec-19 A		0	.																				
	00-Paymnt-131	AG Conduit Procurement (Received on Site 100%)		100%	03-Jan-20 A		0	.																				
	00-Paymnt-133	480 V Cable Procurement (Received on Site 100%)		100%	22-Jan-20 A		0						1 1 1 1		1		1	-			1	-		1			!	
	U1 Medium Voltage Miles 00-Paymnt-135	U1 MV - Set 15 kV Switchgear 1		100% 05-Dec-19 A	10-Feb-20 A 05-Dec-19 A		0			!			! ! ! !		1		!					-		1			!	-
	-	_		100%									 															
	00-Paymnt-139	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to CTI		100%	19-Dec-19 A		0	-																				
	00-Paymnt-140	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to CT		100%	28-Dec-19 A		0	-									 	 									1 1 1 1	
	00-Paymnt-146	U1 MV - AG Conduit Installed		100%	06-Jan-20 A		0	.	į								i	į										
	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	0	100%	13-Jan-20 A		0																					
	00-Paymnt-138	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GS	0	100%	13-Jan-20 A		0								1		1 1 1							1			! ! !	
	00-Paymnt-143	U1 MV - 15 kV Switchgear Protective Relay Testing Co	0	100%	15-Jan-20 A		0						! ! ! !		1		1 1 1					-						:
	00-Paymnt-142	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to 480	0	100%	16-Jan-20 A		0										!											
	00-Paymnt-144	U1 MV - 480 V Xfmr 1 Protective Relay Testing Comple	0	100%	21-Jan-20 A		0		į								i	į										
	00-Paymnt-136	U1 MV - Set 480 V Aux Xfmr 1	0	100%	01-Feb-20 A		0						i i															
	00-Paymnt-137	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GS	0	100%	10-Feb-20 A		0						    											L				
	U2 Medium Voltage Miles	stones	64	100% 07-Oct-19 A	15-Feb-20 A		0										1											
	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					:					į											
	00-Paymnt-149	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GS	0	100%	19-Dec-19 A		0					1 1	i i		1		1											
	00-Paymnt-151	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CT	0	100%	19-Dec-19 A		0	1																			1	
	00-Paymnt-152	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CT	0	100%	19-Dec-19 A		0										1											
	00-Paymnt-155	U2 MV - 15 kV Switchgear Protective Relay Testing Co	0	100%	28-Dec-19 A		0										 	1									1 1 1	
	00-Paymnt-158	U2 MV - AG Conduit Installed	0	100%	31-Dec-19 A		0		i								; ; ; ;	; ; ; ;				į					; ! !	
	00-Paymnt-150	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GS		100%	07-Jan-20 A		0	-									 	1 1 1	- 1			1					1 1 1	
	00-Paymnt-153	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 480		100%	08-Jan-20 A		0						 															
	00-Paymnt-154	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 480		100%	13-Jan-20 A		0	-									 	1 1 1			1						1 1 1 1	
	00-Paymnt-148	U2 MV - Set 480 V Aux Xfmr 2		100%	01-Feb-20 A		0	-	i								; ; ; ;	; ; ;									; ! !	
	00-Paymnt-156	U2 MV - 480 V Xfmr 2 Protective Relay Testing Comple		100%	15-Feb-20 A		0	-									 	1 1 1	1								1 1 1	
	BESS Medium Voltage M		0	0% 04-Oct-19 A	04-Oct-19 A		n						1 1		1		 	1 1 1			1						1 1 1 1	
	00-Paymnt-159	BESS MV - Set 15 BESS 15 kV Switchgears (BESS SC	0	100%	04-Oct-19 A		0																					
	00-Paymnt-160	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgea		100%	04-Oct-19 A		0											1									1	
	00-Paymnt-161	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgea		100%	04-Oct-19 A		0										 	1 1 1									1 1 1	
	00-Paymnt-162	BESS MV - 13.8 kV Cable from BESS 15 kV Switchges		100%	04-Oct-19 A		0	-									 	1 1 1	1			1					1 1 1	
	oo . ayımıt-102	To the substitution of the control of the cont			J. 300 10A		<u> </u>		1	1		!	! !		1		1	1	- 1	1	- 1	1		- 1		<u> </u>		

Remaining Level of Effort

Actual Work

Critical Remaining Work

Actual Level of Effort

Remaining Work

Milestone

Page 10 of 20

D	Activity Name	OD	% Comp Start	Finish		WBS Summ	in.	2	2020											2	021						20
							∕ar. Ma	y Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov [	Dec J	Jai
00-Paymnt-163	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgea	0	100%	04-C	Oct-19 A		0							-			-	-									
00-Paymnt-164	BESS MV - 15 kV Switchgear Protective Relay Testing	0	100%	04-C	Oct-19 A		0					1			-		-		-								
4160 V System Milest	ones	53	100% 02-O	ct-19 A 29-J	an-20 A		0										į	į	İ				į				
00-Paymnt-165	4160 V System - Set 13.8 kV-4160V Xfmr	0	100%	02-C	Oct-19 A		0																				
00-Paymnt-166	4160 V System - Set 5 kV Switchgear	0	100%	29-C	Oct-19 A		0												İ		į		į				
00-Paymnt-167	4160 V System - 13.8 kV Cable from 15 kV Switchgea	0	100%	29-J	an-20 A		0				1 1	1					1	1									
00-Paymnt-168	4160 V System - 13.8 kV Cable from 15 kV Switchgea	0	100%	29-J	an-20 A		0					1					!	1	-	!			!				
00-Paymnt-169	4160 V System - 4160 V Area Electrical Installation Co	0	100%	29-J	an-20 A		0					1															
U1 480 Volt System M	lestones	25	100% 16-Ja	n-20 A 14-N	/lar-20 A		0										į	į	İ				į				
00-Paymnt-170	U1 480 V System - 480 Volt Feeder Cables from Aux X	0	100%	16-J	an-20 A		0																				
00-Paymnt-172	U1 480 V System - Pull 480 Volt Cables to all 480 Volt	0	100%	31-J	an-20 A		0																į				
00-Paymnt-171	U1 480 V System - 480 Volt Feeder Cables from PDM	0	100%	01-F	eb-20 A		0																				
00-Paymnt-173	U1 480 V System - Termination of 480 Volt Cables to a	0	100%	14-N	/lar-20 A		0		-		1 1 1	1 1 1		1	1		1 1 1	1					:				
U2 480 Volt System M	lestones	42	100% 28-De	ec-19 A 30-J	an-20 A		0	:			1	1					1 1	1									
00-Paymnt-175	U2 480 V System - 480 Volt Feeder Cables from PDM:	0	100%	28-D	ec-19 A		0				1	1						1									
00-Paymnt-177	U2 480 V System - Termination of 480 Volt Cables to a	0	100%	09-J	an-20 A		0				 																
00-Paymnt-174	U2 480 V System - 480 Volt Feeder Cables from Aux X	0	100%	13-J	an-20 A		0					1															
00-Paymnt-176	U2 480 V System - Pull 480 Volt Cables to all 480 Volt	0	100%	30-J	an-20 A		0				1	1					1	1									
Start-Up and Commiss	sioning Milestones	16	100% 16-Ja	n-20 A 24-A	pr-20 A		0		-		1 1 1	1 1 1		1		1	1 1 1	1		-						1	
00-Paymnt-183	SU&C - Natural Gas Piping - Air Blows Common	0	100%	16-J	an-20 A		0				1 1 1	1 1 1		1	1		1 1 1	1					1		 	!	
00-Paymnt-185	SU&C - Natural Gas Piping - Air Blows U2	0	100%	24-J	an-20 A		0		-		1 1 1	1 1		1		-	1 1 1	1					!				
00-Paymnt-180	SU&C - Electrical Testing U2	0	100%	31-J	an-20 A		0					. L	 !					!	!								
00-Paymnt-184	SU&C - Natural Gas Piping - Air Blows U1	0	100%	12-F	eb-20 A		0										1	į									
00-Paymnt-182	SU&C - Lube Oil Flush U2	0	100%	15-F	eb-20 A		0				1	1					1	1									
00-Paymnt-181	SU&C - Lube Oil Flush U1	0	100%	22-F	eb-20 A		0		-		1 1 1	1 1 1		1		1	1 1 1	1		-						1	
00-Paymnt-179	SU&C - Electrical Testing U1	0	100%	06-N	/lar-20 A		0				1 1 1	1 1 1		1	1		1 1 1	1					1				
00-Paymnt-178	SU&C - Electrical Testing Plant Common	0	100%		pr-20 A		0						<u>.</u>	-  		!											
Misc Milestones			100% 22-Ju		/lay-20 A		0										į						į				
00-Paymnt-191	Install Warehouse Building - Scope Eliminated by Owr		100%		ul-19 A		0				1	1				-	1	1									
00-Paymnt-187	Issue Purchase Orders for All Buildings	0	100%	26-J	ul-19 A		0				1 1	1 1 1		1	1		1 1 1	1					1		 	1	
00-Paymnt-188	Receipt of Building Material On Site	0	100%	06-D	Dec-19 A		0					1					1										
00-Paymnt-190	Install Roofless Building U2	0	100%	14-A	pr-20 A		0													-							
00-Paymnt-189	Install Roofless Building U1	0	100%	15-A	Apr-20 A		0				1	1					1	1									
00-Paymnt-192	Install Perimeter Fence and Gates (Fence Grounding i		100%		//ay-20 A		0 8				1 1 1 1	1 1		!			1	1					:				
Completion Milestone	,		100% 20-Ar		Sep-20	-53	0																				
00-Paymnt-186	Mechanical Completion	0			pr-20 A		0																				
00-Paymnt-193	Final Construction Completion	0	100%	15-N	/lay-20 A		0 🕏				· i		;	-i	j	<del></del>	i	j									
00-Paymnt-194	Final Project Completion	0	0%	01-S	Sep-20	-53	0				<b>*</b>	1					1	1								ĺ	
Inclement Weather / Rai	•	226			pr-20 A		0				Y ! !	1 1 1	1	1 1 1	1		1 1 1	1 1 1		1	1 1 1				1	 	
00-RainD-001	TIMP: 04MAR19 Rain Over Weekend, No Hauling	1		ar-19 A 04-N	_		0		-		1	1		1			1	1		!							

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

ity ID	ster Schedule (w/ARB Apr Sched) CEC/SCE Activity Name	OD	% Comp Start	Finish	WBS Su	<u> </u>		20	020											20	)21				100	Jun-20 1
.,,	, seeing teams		/ · · · · · · · · · · · · · · · · · · ·		"	Var.				Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug S	Sep C	Oct N	lov De	
00-RainD-002	TIMP: 04MAR19 Rain Over Weekend, No Hauling	1	100% 04-Mar-19 A	04-Mar-19 A		0										:										
00-RainD-003	TIMP: 27NOV19 Rained - Partial Work Day	1	100% 27-Nov-19 A	27-Nov-19 A		0	1	-								·		. I		   	 ! !				!	1
00-RainD-004	TIMP: 10MAR20 Rained - Partial - Work Day - Stopped	1	100% 10-Mar-20 A	10-Mar-20 A		0					1			1 1 1		:		, ,			1		1		1	1
00-RainD-005	TIMP: 12MAR20 Rained - Partial After Lanuch - Work I	1	100% 12-Mar-20 A	12-Mar-20 A		0												: :			!					
00-RainD-006	TIMP: 13MAR20 Rained - Morning Rain- Work Day - St	1	100% 13-Mar-20 A	13-Mar-20 A		0																				
00-RainD-007	TIMP: 06APR20 Rained - No Outside Work, only Pum	1	100% 06-Apr-20 A	06-Apr-20 A		0					1		!	1 1 1		:		: !			! ! !	 	1 1 1		1 1 1	 
00-RainD-008	TIMP: 09APR20 Rained - IW & BM When Home at 10:	1	100% 09-Apr-20 A	-		0	1									<u> </u>					! !					
00-RainD-009	TIMP: 10APR20 Rained - Muddy Condition, limited Ou	1	100% 10-Apr-20 A	•		0																				
Trailer - Move / Down Siz	<u> </u>		100% 24-Feb-20 A	•		0								i ! !							i ! !		1			i !
00-Move-100	TIMP: BOP - Pack & Move All Project Staff & Client to		100% 24-Feb-20 A			Ō								1		-					! ! !	 	1		1 1 1	1
Request for Information	(RFIs)	222	100% 06-Jun-19 A	06-Apr-20 A		0	l									<u> </u>		;;			<u> </u>					
00-RFIs-0131	RFI.00131- Request forTermination Information	163	100% 06-Jun-19 A	31-Mar-20 A		0																				
00-RFIs-0166	RFI.00166 - Weld Sizing and Length for PDM/CMs	4	100% 03-Jul-19 A	08-Jul-19 A		0																				
00-RFIs-0246	RFI.00246 - CT Enclosure Attachment for Conduit Sup	4	100% 11-Oct-19 A	23-Oct-19 A		0								1		-					! !	 	1		1 1 1	1
00-RFIs-0252	RFI.00252 - GSU to Cable Rack Issues, Per Design, B	4	100% 16-Oct-19 A	23-Oct-19 A		0								1				;					1		!	
00-RFIs-0273	RFI.00273- Missing Communication Schematic and C	6	100% 30-Oct-19 A	19-Nov-19 A		0															!					
00-RFIs-0284	RFI.00284- RO Skid Control Panel (0DMW-LCP-01)Ter	4	100% 12-Nov-19 A	18-Nov-19 A		0	1			ii-				j		†	ii				( ! !					
00-RFIs-0281	RFI.00281 - Cable Type P.62501-2 Clarification	4	100% 12-Nov-19 A	21-Nov-19 A		0								1				. i			1	1	1		1	 
00-RFIs-0285	RFI.00285- Request for IFC Comprehensive Jumper Li	4	100% 15-Nov-19 A	25-Nov-19 A		0								1 1 1		-		, i			! ! !	 	1		!	1
00-RFIs-0286	RFI.00286- 7274905-504007 (GE Termination Issues)	4	100% 15-Nov-19 A	13-Dec-19 A		0															!					
00-RFIs-0287	RFI.00287- Wire Descrepancy for Circuits 1I-CTG-DC6	4	100% 15-Nov-19 A	06-Dec-19 A		0																				
00-RFIs-0291	RFI.00291-Cable 0P-UPS-17 Neutral Connection Cable	4	100% 21-Nov-19 A	13-Dec-19 A		0	1	-	<del> </del>							<del></del>			; :	<u></u> -	 				<del> </del>	
00-RFIs-0297	RFI.00297- Missing Switchyard Terminations and Infor		100% 22-Nov-19 A			0								 				;			1		1			
00-RFIs-0298	RFI.00298- Termination Points Missing for AE02, AE03	4	100% 22-Nov-19 A			0																				
00-RFIs-0299	RFI.00299- Termination Issues at MCC Buckets	4	100% 22-Nov-19 A			0								; ;							1					
00-RFIs-0293	RFI.00293- Missing Relay/Breaker Settings and Files	4	100% 22-Nov-19 A			0					1			 		:					! ! !	 	1		1	1 1 1
00-RFIs-0302	RFI.00302- Unit 2 Control Panel Missing Termination E		100% 26-Nov-19 A			0	1					}				¦		,  !			{ !					
00-RFIs-0304	RFI.00304 - Missing Switchyard Terminations and Info		100% 26-Nov-19 A			0	1																			
00-RFIs-0301	RFI.00301 - Missing Switchyard Terminations and Info		100% 26-Nov-19 A			0	1							1		-		. I			1 1 1	 	!		1 1 1	1
00-RFIs-0312	RFI.00312 - Missing Switchyard Terminations and Info		100% 20-Nov-19A			0								!							!					
00-RFIs-0313	RFI.00313 - Missing Termination Information for 1C-M(		100% 04-Dec-19 A			0																				
00-RFIs-0319	RFI.00309 - Termination for 2C-MCC-03	4	100% 04-Dec-19 A			0										ļ 					; {					
		4				-	_							1 1 1		-		, i			! ! !	 	1		!	
00-RFIs-0310	RFI.00310 - CTG-DC64/DC64x Clarification	4	100% 04-Dec-19 A			0								1												
00-RFIs-0314	RFI.00314 - Charger Tags (0ELV-BATT-05, 1ELV-BATT-	4	100% 04-Dec-19 A			0	-																			
00-RFIs-0320	RFI.00320 - Missing Termination Information for 1C-MC	4	100% 09-Dec-19 A			0	4									!					! !	; ; ;	1		i ! !	i ! !
00-RFIs-0317	RFI.00317 - Location of 1CEM-DAHS-01 and 2CEM-D/		100% 09-Dec-19 A			0	1	-								ļ 		[ <sup>]</sup>			 					
00-RFIs-0318	RFI.00318 - 1/2P-UPS-07 Cables Not Terminated at Fo	4	100% 09-Dec-19 A			0	4							] ] ]		:		:				 	1		:	
00-RFIs-0319	RFI.00319 - 1C-CTG-AC204 and 2C-CTG-AC204 Term	4	100% 09-Dec-19 A			0	4														1					
00-RFIs-0316	RFI.00316 - PWP246 - Generator to Cubicle Flexible L	4	100% 09-Dec-19 A	07-Jan-20 A		0		į.	!	1 1			ì	i		-					:	i !	į	į	-	1

Remaining Level of Effort Actual Work Actual Level of Effort

Remaining Work ◆ Milestone

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	ster Schedule (w/ARB Apr Sched) CEC/SCE		0/ 0	01-1	Te:	WBS Sun				00												0.1				10-J	Jun-20 10:
ctivity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.	Mav	Jun		Aug	Sen	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	20 Jun	21 Jul	Aug S	Sen	Oct	Nov De	ec Jan
00-RFIs-0332	RFI.00332 - As-Built/ Location Drawings Needed for M	4	100%	11-Dec-19 A	23-Jan-20 A		0	ividy	ouii	Jui	, ag	Joh	300	1407	200	Jan	100	IVIGI	, .pi	way	Juil	Jul	, ag	- P	301		Joan
00-RFIs-0323	RFI.00323 - Aux Skid Roxtec Cable Entry	4	100%	12-Dec-19 A	19-Dec-19 A		0							į		, , , ,											
00-RFIs-0324	RFI.00324 - Voltage Meter for GSU in the TCP	4	100%	12-Dec-19 A	17-Dec-19 A		0	 :																<del> </del> -			
00-RFIs-0329	RFI.00329 - Unlabeled I/O modules within RO Skid Pa	4	100%	17-Dec-19 A	18-Dec-19 A		0								,	! ! ! !											
00-RFIs-0331	RFI.00331 - DC232 Cable Types	4	100%	17-Dec-19 A	27-Jan-20 A		0				1	-		i 1 1	1	1 1 1 1				1			i 1 1		-	 	
00-RFIs-0328	RFI.00328 - Missing CTs for the LV MCCs - 19B078	4	100%	17-Dec-19 A	23-Dec-19 A		0								1	 										1	
00-RFIs-0334	RFI.00334 - As-Built/ Location Drawings Needed for M	4	100%	20-Dec-19 A	23-Dec-19 A		0							į		,   							}	i			
00-RFIs-0335	RFI.00335- Breaker Resistor Cable Lengths	4	100%	20-Dec-19 A	02-Jan-20 A		0	·									†							<u>-</u>			
00-RFIs-0336	RFI.00336 - Breaking Resistor Cable Type	4	100%	23-Dec-19 A	30-Dec-19 A		0									! ! ! !											
00-RFIs-0337	RFI.00337 - Missing "SIGNAL" terminals for AIT-280/2	4	100%	23-Dec-19 A	06-Jan-20 A		0				i 1 1			i 1 1	1	1 1 1 1				1			i 1 1			1	
00-RFIs-0338	RFI.00338 - DC208 and DC209 Cable Types	4	100%	26-Dec-19 A	21-Jan-20 A		0								1	! ! !											
00-RFIs-0341	RFI.00341 - AC204 Terminations on JB7	4	100%	31-Dec-19 A	16-Jan-20 A		0							į		! !											
00-RFIs-0342	RFI.00342 - GE Termination Clarification	4	100%	31-Dec-19 A	16-Jan-20 A		0										†										
00-RFIs-0343	RFI.00343 - DC550 Cable Size Issue	4	100%	31-Dec-19 A	16-Jan-20 A		0							1	1	! ! ! !										1	
00-RFIs-0344	RFI.00344 - DC551 Cable Size Issue	4	100%	31-Dec-19 A	16-Jan-20 A		0				i 1 1			i 1 1	1	 				1			i 1 1			1	
00-RFIs-0345	RFI.00345 - Termination Points Clarifications for DC30	4	100%	31-Dec-19 A	23-Jan-20 A		0				-			}		! ! !											
00-RFIs-0346	RFI.00346 - 0I-FGC-51 Terminations Clarification	4	100%	31-Dec-19 A	16-Jan-20 A		0							į		! ! !											
00-RFIs-0347	RFI.00347 - JB20 Terminations Issues	4	100%	31-Dec-19 A	03-Feb-20 A		0									   !	‡ <u></u>										
00-RFIs-0349	RFI.00349 - AC156A Termination Issues	6	100%	02-Jan-20 A	16-Jan-20 A		0							į		, , , ,											
00-RFIs-0351	RFI.00351 - DC550 and DC551 Termination Points	6	100%	06-Jan-20 A	16-Jan-20 A		0				i !			1	1	  - 				1			i 1 1			1	
00-RFIs-0352	RFI.00352 - Ref. AC551 and AC552 in the GE cable sc	4	100%	06-Jan-20 A	30-Jan-20 A		0								1	! ! !											
00-RFIs-0357	RFI.00357 - DC14 and DC13X Termination Points - Ne	8	100%	11-Jan-20 A	27-Jan-20 A		0				İ			i !	1	:   				1			i !				
00-RFIs-0358	RFI.00358 - LV Breaker Settings - Missing settings to I	3	100%	11-Jan-20 A	16-Jan-20 A		0									!											
00-RFIs-0360	RFI.00360 - Watson Marlow Control Wire Connections	8	100%	13-Jan-20 A	27-Jan-20 A		0							į		,   							}	i			
00-RFIs-0369	RFI.00369- As-Found wiring for circuits 1P-CTG-AC46	10	100%	27-Jan-20 A	11-Feb-20 A		0			1	1	-		1	1	! ! !				1			}	-		 	
00-RFIs-0363	RFI.00363 - Battery Charger Cabinet Terms - Issues F	3	100%	29-Jan-20 A	03-Feb-20 A		0								1	1 				1						1	
00-RFIs-0364	RFI.00364 - 0I-FGC-116 Term Points - Fuel Gas Comp	14	100%	29-Jan-20 A	28-Feb-20 A		0			1	1 1 1			1 1 1	1 1 1	1 1 1 1				1			 			 	
00-RFIs-0367	RFI.00367- Provide Destination and Termination Inform	3	100%	29-Jan-20 A	03-Feb-20 A		0																				
00-RFIs-0370	RFI.00370 - 120VAC Circuit for MV Switchgear - Circu	7	100%	29-Jan-20 A	10-Feb-20 A		0							1		 							i !			1	
00-RFIs-0365	RFI.00365 - UPS Panel Schedule Circuit Clarification	5	100%	03-Feb-20 A	10-Feb-20 A		0								1	 											
00-RFIs-0372	RFI.00372 - Unit 1 Expansion Joint Issue - The Unit 1	3	100%	10-Feb-20 A	13-Feb-20 A		0							į		! !								į			
00-RFIs-0373	RFI.00373 - Fogging System P&ID - UG line #DRS-230	3	100%	10-Feb-20 A	13-Feb-20 A		0									1 1 1											
00-RFIs-0374	RFI.00374 - Outstanding Piping Issues	8	100%	10-Feb-20 A	24-Feb-20 A		0																				
00-RFIs-0376	RFI.00376 - Terminations Points for circuit 0I-FGC-50	7	100%	19-Feb-20 A	02-Mar-20 A		0							; ;		 							1			1	1
00-RFIs-0379	RFI.00379 - GE Pkg - Provide Beckwith Generator Pro	8	100%	04-Mar-20 A	17-Mar-20 A		0			1	1				1	1 1 1 1				 			1			1	 
00-RFIs-0380	RFI.00380 - Clasified Area Light Fixtures	8	100%	09-Mar-20 A	20-Mar-20 A		0				1				1	: 				1							i 1 1
00-RFIs-0381	RFI.00381- Potable and Fire Water Line Elevation	6	100%	11-Mar-20 A	20-Mar-20 A		0				1					 				1				-	-		1
00-RFIs-0383	RFI.00383- Roxtec Cable Protection	8	100%	24-Mar-20 A	06-Apr-20 Δ		n	† <mark> </mark>									†							<u>-</u>			

Remaining Level of Effort Actual Work

Actual Level of Effort Remaining W

Actual Work Critical Remaining Work

Remaining Work ♦ Milestone

Page 13 of 20

D	Activity Name		% Com	p Start	Finish	1 1 1	Var.		202						_	- 1					20							2
00-RFIs-0384	RFI.00384- Solid Waste Storage Gate Post Location	2	1009	% 30-Mar-20 A	04 Apr 20 A		0	May .	Jun	Jul A	Aug S	Sep C	Oct N	Nov De	ec J	an I	-eb	Mar	Apr	May	Jun	Jul	Aug :	Sep (	Oct N	Nov D	Dec J	Ja
Supplemental Information					-		0	}			 	1		!	1		1	1		! ! !							-	
Engineering Change Not		230		% 08-Oct-19 A % 08-Oct-19 A	18-Apr-20 A 03-Apr-20 A		0				1 1 1	:		!			1 1 1	:		! !								
00-SUPI-0021	SI-021-PEI - BOP Installation Cable List	4		% 08-Oct-19 A			0	}	1		1 1 1	1		! ! !	1		1	1		! !			!				-	
00-SUPI-0023	SI-023-PEI - BOP Installation Cable List	4	1009	% 11-Oct-19 A	06-Dec-19 A		0																					
00-SUPI-0024	SI-024-PEI - Power EC00-300 Series One-Line Drawin	4	1009	% 14-Oct-19 A	06-Dec-19 A		0																					
00-SUPI-0027	SI-027-PEI - Insulation of Heat Trace Cable & Compon	1		% 17-Dec-19 A			0				1 1 1			1	1		1 1 1	1		1							 	
00-SUPI-0041	SI-041-PEI - ERC-SI-041-PEI (East Gate Fire Annuncia	1		% 29-Jan-20 A			0				!																!	
00-SUPI-0040	SI-040-PEI - BOP - Clock System Updates Rev.1	6		% 29-Jan-20 A			0				1						1											
00-SUPI-0043	SI-043-PEI - BOP - FACP-FM200 Fire Panel Power - Ac			% 04-Feb-20 A			0									·												
00-SUPI-0042	SI-042-PEI - WCI_200210 (Fogging Water Flushing Dra	4		% 07-Feb-20 A			0				1																!	
00-SUPI-0047	SI-047-PEI - U1 Stack to CEMs Building Conduit	2		% 07-Feb-20 A			0				: : :											į						
00-SUPI-0044	SI-044-PEI - CEMs Mixing Box Modifications			% 11-Feb-20 A			0				1 1 1			i ! !	1		i 1 1	1		i ! !			1				1 1 1	
00-SUPI-0050	SI-050-PEI - 200213 (SCE-CAISO Meter Cabinets)	1		% 13-Feb-20 A			0				1						1										!	
00-SUPI-0049	SI-049-PEI 200212- BOP - Compressed Air System 12	1		% 14-Feb-20 A			0																					
00-SUPI-0036	SI-044-PEI - U1&2 - Gas Tops System at each unit is b	2		% 14-Feb-20 A			0	-			1 1 1			 	1		1 1 1	1		! !							1 1 1	
00-SUPI-0055	SI-055-PEI - (3-2-20) (87L Cutoff Switch - 311L and L90			% 02-Mar-20 A			0				 						1										1	
00-SUPI-0056	SI-056-PEI - Add (NH3 Tank Level Horn & Light) - IFC			% 06-Mar-20 A			0				i ! !						i !										i !	
00-SUPI-0057	SI-057-PEI - Fuel Gas Vent Pipe Modifications (Packa			% 23-Mar-20 A			0				1 1 1	1		! ! !	1		1 1 1	1		! !			!				1 1 1	
00-SUPI-0058	SI-058-PEI - East Gate Operator - Additional IO and Co			% 27-Mar-20 A			0																					
00-SUPI-0059	SI-059-PEI - U1&2 - ERU Catalyst Roof, Frame and Se			% 27-Mar-20 A	•		0				; ; ;							į				Ì					; ; ;	
PSC Daily Report	GI-003-1 EI - 0 102 - EIXO Oatalyst 1000, 1 fame and de	4		% 19-Nov-19 A	-		0	ļ			1 1 1	1		 	1		1 1 1	1		1			!				1 1 1	
00-SUPI-0010	Date 11-19-19: IWP 60, U-2 Generator Assy - Issue v	4		% 19-Nov-19 A			0				1						!										1	
Event Files From Saturo		1	100°	% 18-Apr-20 A	18-Apr-20 A		0				i !						1											
00-Event_0418	Event files from Saturday 20200418	1		% 18-Apr-20 A			0																					
Field Change Oders		238	1009	% 26-Nov-19 A	08-May-20 A		0		- 1		1 1 1	1		 	1		1 1 1	1		1		-					1 1 1	
00-FCOs-0124	PCO 980124, BOP - See RFI-0285 - (LS) open	4	1009	% 26-Nov-19 A	08-Jan-20 A		0				1 1 1			! ! !			1			1							1	
00-FCOs-0140	PCO 980140, U02 -Added Jumpers ES00-101 and ES0	4	1009	% 12-Dec-19 A	21-Jan-20 A		0				1																	
00-FCOs-0142	PCO 980140, SI-027 - Insulation of Heat Trace Cable &	4	1009	% 17-Dec-19 A	07-Mar-20 A		0		j.																			
00-FCOs-0176	PCO 980176, CEMs -See RFI-0317 (T&M) Signed	4	1009	% 18-Dec-19 A	06-Feb-20 A		0	:			1 1 1			 	1		1 1 1	1		! !						!	1 1 1	
00-FCOs-0147	PCO 980147, GSU - See RFIs 0302 & 0324 (LS) open	4	1009	% 18-Dec-19 A	06-Feb-20 A		0				1 1 1						1	:									1	
00-FCOs-0144	PCO 980144, U02 -See RFIs 0281 & 0320 - (T&M) - Sig	4	1009	% 18-Dec-19 A	05-Feb-20 A		0				; ;																	
00-FCOs-0153	PCO 980153, BOP - See RFI-0334 - MCC Feeder Cable	4	1009	% 23-Dec-19 A	30-Dec-19 A		0		- 1		1 1 1	1		 	1		1 1 1	1		1							1 1 1	
00-FCOs-0149	PCO 980149, U02&1 - Install 24VDC Batteries in PDM	4	1009	% 24-Dec-19 A	26-Dec-19 A		0				1						1										1	
00-FCOs-0156	PCO 980156, U02 - See RFI-0328 (T&M) Missing CTs 1	4	1009	% 26-Dec-19 A	09-Jan-20 A		0																					
00-FCOs-0157	PCO 980157, U02 - Additional testing for SCE per Well	10	1009	% 06-Jan-20 A	22-Jan-20 A		0			1	1 1 1	1	1		1 1 1		1			1			; 1 1 1			 	1 1 1	
00-FCOs-0170	PCO 980170 CTG - WCI CTG Instrument Air Vend Add	3	1009	% 16-Jan-20 A	04-Feb-20 A		0				1 1 1			 	1		1	1		 			 	:		1	1 1 1	
00-FCOs-0167	PCO 980167, U02- Recoup Vent Flanges Modification	4	1009	% 16-Jan-20 A	30-Jan-20 A		0				1				1		1						1			1	1	
00-FCOs-0165	PCO 980165, U02 - Replace glands on Tempering Air I	4	1009	% 16-Jan-20 A	07-Feb-20 A		0			1	1 1 1	:			1 1		1	1					1 1 1			1	1 1 1	
00-FCOs-0173	PCO 980173, U02 - Add Outlet to COMMRIG Panel - (	6	1009	% 17-Jan-20 A	07-Feb-20 A		0				<u>-</u>																	
Remaining Level of I	Effort Actual Work Critical Remaining Wo					Page 14 of									filter: I													=

serc baseline Project Mast tivity ID	ter Schedule (w/ARB Apr Sched) CEC/SCE Activity Name	OD! % C	Comp Start	Finish	WBS Sumr	Fin.	2020											20	)21					o-Jun	-20 10: 202
, <u>-</u>	.,,	12 / 10				\/or		Aug	Sep	Oct	Nov	Dec J	Jan	Feb	Mar	Apr	May	Jun		Aug	Sep	Oct	Nov	Dec	Jan
00-FCOs-0181	PCO 980181, U01- OSD&D - Inlet Volute Bolt Bound -	3 10	00% 21-Jan-20 A	10-Feb-20 A		0																			1
00-FCOs-0180	PCO 980180, U01- OSD&D - 125VDC Power Connecti	3 10	00% 21-Jan-20 A	10-Feb-20 A		0																!			}
00-FCOs-0175	PCO 980175, BOP: Load Bank Rental & Installation	3 10	00% 22-Jan-20 A	10-Feb-20 A		0																			
00-FCOs-0182	PCO 980182, U02-See RFI-0352 - Missing Connection	6 10	00% 24-Jan-20 A	10-Feb-20 A		0		!	1 1		1 1 1			1						1		1 1 1			1
00-FCOs-0183	PCO 980183, SWY - Switchyard Operator Platforms -	22 10	00% 24-Jan-20 A	10-Feb-20 A		0													! ! !						
00-FCOs-0185	PCO 980185, U01- OSD&D - Misc Electrical RFI Chan	3 10	00% 30-Jan-20 A	10-Feb-20 A		0																			
00-FCOs-0186	PCO 980186, See RFI-00360 Watson Marlow	3 10	00% 30-Jan-20 A	10-Feb-20 A		0				-	 		- 1		1					1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1			1
00-FCOs-0187	PCO 980187, SI-047: U01 - Stack to CEMS building co	4 10	00% 05-Feb-20 A	11-Feb-20 A		0													:			1			
00-FCOs-0192	PCO 980192, BOP- Fix Pipe Strain on Demin Pumps a	4 10	00% 06-Feb-20 A	20-Feb-20 A		0				į	į											: : : :			
00-FCOs-0196	PCO 980196, U1- EWO-94079 Battery Management S	4 10	00% 07-Feb-20 A	28-Feb-20 A		0													! !			!			1
00-FCOs-0201	PCO 980201, U01&2- See RFI-0347 - Response - Nev	6 10	00% 12-Feb-20 A	21-Feb-20 A		0																			
00-FCOs-0202	PCO 980202, U01&2- See RFI-0370 - Response - Nev	3 10	00% 12-Feb-20 A	18-Feb-20 A		0		!	1 1		1 1 1			1						1		1 1 1			1 1
00-FCOs-0208	PCO 980208, Orifice Plate Machining	2 10	00% 14-Feb-20 A	18-Feb-20 A		0													:			1			
00-FCOs-0203	PCO 980203, U01&2- See RFI-0365 - Response - Nev	4 10	00% 14-Feb-20 A	24-Feb-20 A		0				į	į														
00-FCOs-0205	PCO 980205, BOP- SI-050 Install Cables between SC	2 10	00% 14-Feb-20 A	18-Feb-20 A		0																			1
00-FCOs-0209	PCO 980209, U01&2- SI-042 - Fogging Water Flushing	3 10	00% 14-Feb-20 A	20-Feb-20 A		0																			
00-FCOs-0213	PCO 980213, SWY- Provide Doble test set for SCE en	2 10	00% 18-Feb-20 A	20-Feb-20 A		0			1 1	-	1 1 1			!						1	1	1 1 1			1 1
00-FCOs-0210	PCO 980210, AFCU Skid Warranty Repairs	2 10	00% 18-Feb-20 A	20-Feb-20 A		0													:			1			!
00-FCOs-0188	PCO 980188, CEMs- U1 Clock Wiring & Fire Alarm Par	3 10	00% 20-Feb-20 A	26-Feb-20 A		0				į															
00-FCOs-0200	PCO 980200, U01&2- SI-044 - CEMS Mixing Box Modi	2 10	00% 24-Feb-20 A	28-Feb-20 A		0																			1
00-FCOs-0215	PCO 980215, U01&2- Replace LC Connectors with SC	4 10	00% 24-Feb-20 A	28-Feb-20 A		0																			
00-FCOs-0212	PCO 980212, BOP- SI-049 - Compressed Air System	4 10	00% 24-Feb-20 A	29-Feb-20 A		0					1	į		1	1							1			1
00-FCOs-0219	PCO 980219, SWY- Demo and Reroute Cables in Air Ir	5 10	00% 27-Feb-20 A	06-Mar-20 A		0																1			
00-FCOs-0223	PCO 980223, GSU: Complete Jumpers in GSU	2 10	00% 27-Feb-20 A	01-Mar-20 A		0																			
00-FCOs-0227	PCO 980227 - SERC-TRA-678 SI-055-PEI_200302 87L	18 10	00% 02-Mar-20 A	01-Apr-20 A		0																			1
00-FCOs-0228	PCO 980228, SEWO-94099 SERC-ARB-RFI-00364, 36	2 10	00% 05-Mar-20 A	06-Mar-20 A		0					1											1			1
00-FCOs-0233	PCO 980233 SI-056 - Add Panel Mount /LED for Local	8 10	00% 09-Mar-20 A	20-Mar-20 A		0			1 1		i 1 1		-	1						1	1	1			1
00-FCOs-0234	PCO 980234 SI-056 - SCE Power Loss Event	2 10	00% 09-Mar-20 A	10-Mar-20 A		0																1			
00-FCOs-0237	PCO 980237 Potable and Fire Water Reroute	3 10	00% 11-Mar-20 A	20-Mar-20 A		0					į											1			
00-FCOs-0235	PCO 980235 Additional Catalyst Install Work	3 10	00% 11-Mar-20 A	27-Mar-20 A		0													   !			!			
00-FCOs-0238	PCO 980238 Owner Request Installation of an New To	3 10	00% 17-Mar-20 A	20-Mar-20 A		0																			
00-FCOs-0245	PCO 980245 SI-057 Vent Pipe Modifications	6 10	00% 18-Mar-20 A	26-Mar-20 A		0		!	1 1	-	1 1 1		- 1	1					1	1	1	1 1 1			1 1 1
00-FCOs-0249	PCO 980249 - U2 Factory Contamination of Hydraulic	3 10	00% 20-Mar-20 A	31-Mar-20 A		0													:			1			1
00-FCOs-242	PCO 980242 - Fod Sock Rework (Pending)	24 10	00% 23-Mar-20 A	05-May-20 A		0																			
00-FCOs-0244	PCO 980244 Owner Request to Change Filters in Bull	2 10	00% 24-Mar-20 A	25-Mar-20 A		0												i	   	!	 	 			1
00-FCOs-0246	PCO 980246 Install Davits on U1 and U2 stacks (Wai	6 10	00% 26-Mar-20 A	03-Apr-20 A		0					 				!										1
00-FCOs-0248	PCO 980248 U1 and U2 Generator Shroud Issues	2 10	00% 26-Mar-20 A	27-Mar-20 A		0		!		i	; ; ;				1					1	1 1 1	1			1 1 1
00-FCOs-0260	PCO 980260 - ERU Downstream of Catalyst Mods	1 10	00% 30-Mar-20 A	30-Mar-20 A		0		-			-	1							!		!	1			

Remaining Level of Effort Actual Work

Actual Level of Effort Remaining W



Page 15 of 20

/ ID	Activity Name	OD	% Comp Start	Finish	TF	Fin	١.	2020					_							20	)21						20
	,		- '			Vai				Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ja
00-FCOs-0262	PCO 980262 - Generator Transducer Retests (Wrong	1	100% 31-Mar-20 A	31-Mar-20 A		C	<u> </u>			-									- 1					!			<u> </u>
00-FCOs-0250	PCO 980250 - SI-058 - PEI East Gate Operator (Pendi	24	100% 01-Apr-20 A	05-May-20 A		C	0														,	<del></del>	i		.j		i
00-FCOs-0263	PCO 980263 -Add plate or angles per MHI on NOX Cat		100% 01-Apr-20 A			0	o [						į							;	!						
00-FCOs-0252	PCO 980252 - Unit 1 AIG Heat Trace Cable Failure		100% 02-Apr-20 A	10-Apr-20 A		(	0												1	i			 	1			
00-FCOs-0251	PCO 980251- U1 ERU Dilution blower A coupling (cast		100% 02-Apr-20 A	13-Apr-20 A																;							
00-FCOs-0266			•	-																,		1	1 1 1	1 1	1		-
	PCO 980266 - 01DMW-PRV-211 Issues	3	100% 02-Apr-20 A				<b>-</b>									: 											
00-FCOs-0255	PCO 980255 - Wellhead Request to Inspect U1 Gen F	1	100% 10-Apr-20 A	10-Apr-20 A		0													!	,		 	1 1 1	1 1 1	1		1 1 1
00-FCOs-0256	PCO-9800256 - SI-059 - Termination of Gen Auto Sync		100% 10-Apr-20 A	18-Apr-20 A		C	0												1	i			1	1	-		-
00-FCOs-0258	PCO-9800258 - Unit 1 Aux Skid HVAC Unit	6	100% 14-Apr-20 A	18-Apr-20 A		C	ס			-			-							'			1	1			
00-FCOs-0259	PCO 980259 - ERU Nox and CO Lids	3	100% 20-Apr-20 A	24-Apr-20 A		C	0			-									1	,			1 1 1	1			1
00-FCOs-0265	PCO 980265 - Additional Work to install CO Catalyst (	3	100% 21-Apr-20 A	24-Apr-20 A		C	0										i i		1	i			1	1			1
00-FCOs-0267	PCO 980267 - Pressure Regulators	4	100% 24-Apr-20 A	30-Apr-20 A		C	0																				
00-FCOs-0268	PCO 980268 - Post MC Support per Letter 0109		100% 30-Apr-20 A	-		C	0 📮												1	i			 	1			
Construction			100% 04-Feb-19 A				n										i i		1	į			1	1			1
Mobilization			100% 04-Feb-19 A							į	į		į							;	1						
Site Preparation			100% 19-Feb-19 A			C	0												}	:		ļ 	ļ 	!	ļ		.
Vehicle Bridge	_		100% 04-Mar-19 A	_	+-	(	0			į			į							:	1						
UG Electrical			100% 22-Mar-19 A		+		0												1	'			1				
UG Piping Foundations	_		100% 06-May-19 A 100% 06-Mar-19 A		+	(	7			1			}				: :		1			-	1	-	1		
Structural Steel			100% 05-Wai-19A		+				į	į	i	į	į						į		] 	į	į	i	i		i
Equipment Installation			100% 20-May-19 A		$\top$		0									¦						<del></del>	 -		¦		
Electrical Installation			100% 11-Apr-19 A			C	<u></u>						-						1		1		!				-
AG Piping			100% 25-Jul-19 A		$\perp$	C	0			į	i	į	į							,	1		i !				İ
Painting & Insulation			100% 03-Feb-20 A			(	0			-										'	-						-
Pre-Commissioning System Turn Over Packa	mae		100% 02-Jan-20 A				0									 								ļ	ļ		
U2 Power Block PWP's	ges		100% 02-Jan-20 A 100% 08-Jan-20 A		+		י			į	į	į	į						į		1	i	i				į
U1 Power Block PWP's			100% 08-Jan-20 A		+		0			-									1	,			1				-
TOP System Walkdown			100% 09-Jan-20 A			C	0			1			}						!			-	1	-	1		1
Electrical and Control			100% 09-Jan-20 A			C	0						j.				!				1	j	J		<u>.</u>		. ]
_BOP Systems Walkdowr			100% 16-Jan-20 A		$\perp$	C	0			-			-							'			1				
Gas Turbine #2 (GT2) Wa			100% 09-Jan-20 A		+	(	0			-										'			1				1
Gas Turbine #1 (GT1) Wa Commissioning	IKdown		100% 04-Feb-20 A 100% 28-Feb-16 A				2			į	į	į	į						į	:	1		į	İ			į
Balance of Plant System			100% 28-Feb-16 A 100% 09-Jan-20 A				וו			-										,	-		! ! !				-
GT2 Engine Commission			100% 09-5a1F20A				1									¦				'		 !	 !	<u> </u>	ļ		1
GT1 Engine Commission			100% 24-Sep-19 A			(	0		į	į	i		į							'	1						i
Demobilization			100% 24-Feb-20 A			C	0													'			1				
Socal Gas Line Sch	edule	147	100% 19-Aug-19 A	07-Apr-20 A		C	0			-									1	'			1	1			
SCG-1000	Mobilization	5	100% 19-Aug-19 A	23-Aug-19 A		C	ס										i i			į			! !				
SCG-1010	Install 600' Of 12"	13	100% 26-Aug-19 A	19-Sep-19 A		C	ס															i	i		-j		1
SCG-1020	Install 1200' of 12"		100% 01-Oct-19 A	-		C	0						į							:		!	1	1	1		!
SCG-1022	Install Piping Supports	4	100% 10-Feb-20 A				-										, , ,						i 1 1	1	1		1
	-	4	100% 10-Feb-20 A																		1		1		-		
SCG-1024	MSA Electrical And Commissioning	4	100% 10-Feb-20 A	i / -iviar-20 A		(	וי					- 1	- 1								i		1		1		-

/ID	Master Schedule (w/ARB Apr Sched) CEC/SCE Activity Name	OD	% Comp Start	Finish	TF	Fir	n.	2020	)											2	2021						20
						Va	ar. May	Jun	Jul /	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Já
SCG-1030	Testing	4	100% 18-Mar-20 A	26-Mar-20 A		(	0							1			1	-									<del></del>
SCG-1040	Socal Gas Tie-In	4	100% 26-Mar-20 A	01-Apr-20 A			0				1	 		1     			     	1		· -			!	     		     	
SCG-1050	De-Mobilize	4	100% 01-Apr-20 A	07-Apr-20 A			0							! !			1										
SCE Interconnec	ction Schedule	470	100% 07-Apr-17 A	20-Aug-20	259		0							! !			 										
	ability Center Integrated Schedule (PIN# 8016) - Update	470	100% 07-Apr-17 A	20-Aug-20	259		0							i I I			1 1 1			1				1		i ! !	
Project Management			100% 07-Apr-17 A			(	0				1			  - 			   			 			-	 		  - 	
0110	PMWIF Issuance	0	100%	07-Apr-17 A			0							 			 			1						i ! !	
0115	PMWIF Acceptance	0	100%	14-Apr-17 A			0							; ! !			i ! !							1		i ! !	
0100	Issue ATP	0	100%	20-Mar-18 A			0							i i i			1 1 1 1			1				1		i ! !	
0120	Customer Final Design	10	100% 02-Jul-18 A	14-Dec-18 A			0					-		i i i			1 1 1 1			1			1	1	-	1 1 1	1
0130	Substation Designs Complete	0	100%	05-Feb-19 A			0							1 1 1			1									1	
0125	Issued Drawings to CDM	0	100%	10-Apr-19 A			0																				
0105	Approved OD	0	100%	03-Mar-20 A			0					-		1 1 1		1	1 1 1	1		1			1	1 1 1		1 1 1	1
Customer Milestones			100% 14-Dec-18 A	01-Nov-19 A			0							! ! !			1 1 1						-	1		1 1 1	1
01205	Design Drawings Final		100%	14-Dec-18 A			0				1	-		1 1 1		1	1 1 1	1		1	1		1	1 1 1		1 1 1	
01210	UG 66kV Duck Construction Complete	0	100%	01-May-19 A			0				1	-		1 1 1 1			1 1 1 1	1		1			-	1 1 1		1 1 1	
01215	66kV Dead-End Rack Construction Complete	0	100%	01-Jul-19 A			0							 		- <del> </del>											
01220	Diverse Fiber Duct Construction Complete	0	100%	15-Aug-19 A			0							! !			; ; ;	į									
01225	Control House Ready for SCE Telecom Cabinets	0	100%	01-Oct-19 A			0					-		1 1 1			1 1 1	1		1			1	1 1 1		1 1 1	1 1 1
01230	Ready for In-Service Testing		100%	01-Nov-19 A			0				1	-		1 1 1 1			1 1 1	1		1			-	1 1 1		1 1 1	
Environmental	,		100% 01-Aug-18 A				0							1			1										
0355	Environmental Process	150					0							; !		· <del> </del>	i	 		;				 		i	1
Substation		434	100% 25-Jan-18 A	03-Mar-20 A			0				1			i ! !			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1				1	1	1 1 1	
Mirage Substation			100% 14-May-18 A			(	0							1 1 1			1 1 1						}		1	1 1 1	:
Engineering 01005	Dunliminan / Engine eving		100% 14-May-18 A				0					-		1 1 1			1 1 1	1		1			1	1 1 1		1 1 1	
	Preliminary Engineering	50					<u> </u>							1 1 1													
01170	Final Engineering		100% 07-Aug-18 A				0				1	:		1 1 1			1 1 1 1	1		1			}	1 1 1		 	1
Construction 01020	UFLS Work	34	100% 16-Apr-19 A 100% 16-Apr-19 A				0							! !			!									!	
01015	UFLS Work Start		100% 16-Apr-19 A				0									İ	! !	į			į			į		! !	
01015	UFLS Work Finish		100% 10-Api-19 A	31-May-19 A		ļ	0							i 			i ! !			1			-	1		1	
Commissioning	OFLS WOR FILIIST			-			•							1 1 1			 										
01000	Test & In-Service		100% 31-May-19 A 100% 31-May-19 A				0				1			1 1 1		1	1 1 1	1 1		1			-	1 1		1 1 1	1
	es at Barre Substation (SAP# 902360074)		100% 14-May-18 A				0				1			1 1 1			 	1		1				1 1		 	
Engineering			100% 14-May-18 A				0							1 1 1			1 1 1	1						1	-	 	
Preliminary Engine		20	100% 14-May-18 A	30-May-18 A			0							! ! !	ļ		¦ 										
01030	Preliminary Engineering	20				(	0							1 1 1			1							1		1	
Final Engineering			100% 04-Sep-18 A				0							! !			! !							1			
01045	Structural Engineering / Design	100	•			ļ	0			1	1			! !			, 1 1										
01035	Electrical Engineering / Design	66	·				0				1						1 1 1			1						1	
01040	Civil Engineering / Design	47					0							! !			<u>.</u>		į		. <u> </u>			 	į	ļ 	
01050	Final Engineering / Designs	34	100% 17-Dec-18 A	05-Fab-19 Δ			0	K i		1		1		!	1	1	1	į.	1	i	i	i	1	i	i	1	i

Actual Level of Effort

Remaining Work ◆ Milestone

'ID	Activity Name	OD	% Comp Start	Finish		TF Fin.		20	20				•							20	)21						20
						Var	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Νον Γ	Dec Ja	Jar
01060	Qualitiy Assurance Review	23	100% 06-Feb-19	A 08-Mar-19 A	\	0	)			1		:		1	1	:	1	1		1							
01070	QACorrections	25	100% 11-Mar-19	A 10-Apr-19 A		0								 	1		1	1								1	
01255	Issue Structural Steel Package to CDM (SAP# 902306	0	100%	28-Mar-19 A		0								 	1		1	!									
01065	Issue Completed Package to CDM	0	100%	10-Apr-19 A		0																					
Procurement/Mat	erials	198	100% 21-Nov-18	A 30-Aug-19 A		0										i	j	i									
01100	RE to Submit Major Material Order (CB)	0		21-Nov-18 A		0				1					i ! !		i ! !									; ;	
01110	Procurement / Material Delivery	125	100% 03-Dec-18	30-Aug-19 A	\	0			1	1 1 1				 	 	:	1	1		! !				1	 	 	
01085	Issue PO for Circuit Breaker	0	100%	03-Dec-18 A	<b>\</b>	0			1	1 1 1		- 1		 	1 1 1	-	1 1 1	1	-	1		!		1	 	1 1 1	
01115	CB Delivered	0	100%	30-Aug-19 A	\	0								 	1		1	!									
Construction		177	100% 03-Jun-19	A 17-Jan-20 A		0																					
01270	Summer Load and High Line Loading Period	100	100% 03-Jun-19			0																					
01275	Outage Request	15	100% 28-Oct-19	A 15-Nov-19 A	\	0	5			i !				'   													
01078	Construction Start	0	100% 19-Nov-19	Α		0	5			1					; ; ;		i 1 1	1		i !						; ;	
01075	Built and Test Position 11	45	100% 19-Nov-19	A 17-Jan-20 A		0				1				 	i ! !		i ! !	1								i ! !	
01280	3ABank in Position 10 Offline	0		20-Nov-19 A		0	1	 -							¦	<del></del>	¦	¦									
01260	Install Structural Steel for 66kV Switchrack Position#	20	100% 20-Nov-19			0			1	1				1 	1 1 1	-	! ! !	1	-	1				1	 	! ! !	
01165	Construction Finish		100%	17-Jan-20 A		0	_			1 1 1				 	 	-	1	! ! !		! !						1	
Commissioning			100% 26-Feb-20			0								! ! !	!												
01080	Test & In-Service		100% 26-Feb-20			0	_							 	; ; ;												
Interconnection Fac	ilities at Barre Substation (SAP# 902360075)		100% 25-Jan-18			0	<b>.</b>									<del></del>			ļ								
Engineering			100% 25-Jan-18			0				1					i ! !		i 1 1										
Preliminary Engine			100% 25-Jan-18			0	_		!	1 1 1				 	 	-	1	1		! !						1	
01090	Preliminary Engineering	21				0			1	1 1 1				 	1 1 1 1 1 1	-	1	!		! !						! ! !	
Final Engineering	/Design   Structural Engineering / Design	302 70	100% 04-Sep-18			0								 	 		 	 	ļ	 							
							_			-				! ! !	! ! !												
01095	Electrical Engineering / Design		100% 18-Sep-18			0																					
01120	Quality Assurance & QA Corrections	51		•		0	_																				
01125	Issue Completed Package to CDM		100%	10-Apr-19 A		0								 													
01130	Relay Settings (OD43)	30	100% 16-Sep-19	A 25-Oct-19 A		0	1												ļ								
Procurement/Mate			100% 15-Apr-19			0								 	1		i ! !	1								; ; ;	
01135	Procurement / Materials Delivery		100% 15-Apr-19			0				1				 	i ! !		i ! !	1								i ! !	
Construction 01145	Construction Duration		100% 29-Oct-19 100% 29-Oct-19			0			1	!		- 1		! ! !	1 1 1 1	:	1	1	!	! ! !		!		1	!	! ! !	
					<u> </u>		_		1	1				1 1 1 1	1 1 1	-	! ! !	1	-	1				1	 	! ! !	
01140	Construction Start		100% 29-Oct-19			0	ļ					}			¦	ļ 		ļ	ļ								
01150	Construction Finish		100%	25-Feb-20 A		0									 												
Commissioning 01155	Test & In-Service		100% 26-Feb-20 100% 26-Feb-20			0								! !	!	į											
Sub Transmission / G						0			1	1					1		i !	1		i 1 1		1				1	
01175	Preliminary Engineering		100% 02-Jul-18 100% 02-Jul-18			0			!	1																	
01180	Final Engineering		100% 03-Jan-19			0																					
	•			<u> </u>			_			i				1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	1	1	:	! !						i 1 1	
01185	Procurement & Material Delivery	81	100% 10-May-19	A JU-Aug-19 A	١	0	'			i	i	i		!	1	1	1	1	1	1	: i	i	i	i	į	į	

y ID	Master Schedule (w/ARB Apr Sched) CEC/SCE Activity Name	OD	% Comp Start	Finish	WBS Sur	Fin.		2020											20	)21						20
						Var.	May	Jun Ju	I Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jar
01200	Civil Bidding	35	100% 16-Aug-19 A	18-Oct-19 A		0				1				!												
01265	Civil Work	15	100% 21-Oct-19 A	08-Nov-19 A		0										1										
01285	Turnover Of Skip To SCE	0	100%	29-Nov-19 A		0				1 1 1				1		1 1 1				! ! !	1 1 1		1			1
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				1						1										
01195	Testing/Commissioning	5	100% 30-Dec-19 A	03-Jan-20 A		0				1 1 1				1 1 1		1 1 1				1 1 1		1	1			1 1
TransTelecom			100% 20-Feb-19 A			0				1				!		1				! ! !						
Barre Substation 01235	Designs / Engineering	235	100% 20-Feb-19 A 100% 20-Feb-19 A			0				. <del> </del>	; 			¦						; !	; {					
01235	Procurement & Materials Delivery	48				0	-			1 1 1				1 1 1		1 1 1				! ! !	1	1				1
01240	Trans Telecom Work at Barre Substation		100% 18-Juli-19 A				-			1				1		1				! ! !	1					
01245			100% 19-Nov-19 A 100% 30-Dec-19 A			0	-			1				; ; ; ;		; ; ;										
Skip Substation	Installation Testing		100% 30-Dec-19A			0			1	1 1 1				1 1 1		1 1 1				! ! !	1	1				1 1
9120	Designs / Engineering		100% 20-Feb-19 A			0						<u></u>		 !						! !						
9125	Procurement & Materials Delivery		100% 18-Jun-19 A	-		0				1				i ! !		i 1 1				!						
9130	Trans Telecom Work at Skip Substation	20				0	-		1	1 1 1				1 1 1		1 1 1				! ! !	1	1	1			1
9135	Installation Testing		100% 30-Dec-19 A			0				1				 		1				! !						
IT/Telecom			100% 19-Nov-18 A			0				1				1		1										1
Barre Substation		295	100% 19-Nov-18 A	10-Jan-20 A		0				1		   		   		1			 							1
9020	Preliminary Engineering	60				0								 												
9025	Final Engineering	65	100% 18-Feb-19 A	21-May-19 A		0				1				; ; ;		; ; ;				! !						
9030	Procurement & Material Delivery	90	100% 22-May-19 A	15-Oct-19 A		0				1 1 1				1 1 1 1		1 1 1				! ! !	1					1
9035	IT/Telecom Installation at Barre Substation	10	100% 16-Dec-19 A	27-Dec-19 A		0				 		   		  - 		 				! ! !	! ! !					
9060	Installation Testing	10	100% 30-Dec-19 A	10-Jan-20 A		0										1										
Skip Substation		295				0				1 1 1				1 1 1 1		1 1 1				! ! !	1	1				1
9070	Preliminary Engineering	60				0				1				1		1				! ! !	1					
9075	Final Engineering	65		-		0	-			1				; ; ; ;		; ; ;										
9080	Procurement & Material Delivery	90		-		0				. <del> </del>	; ;;	 		¦ 	;					 	¦ 	¦	¦ 	<u> </u> 		
9085	IT/Telecom Installation at Skip Substation		100% 02-Dec-19 A			0								!						! !						
9090	Installation Testing		100% 30-Dec-19 A			0										1										
PSC Barre Substation		260 260	100% 20-Feb-19 A 100% 20-Feb-19 A			0				1 1 1				1 1 1 1		1 1 1				! ! !	1	1	1			1 1 1
9040	Preliminary Engineering	60				0														! !						
9045	Final Engineering	65		-		0									ii											
9065	Test & In-Service	10	100% 03-Jan-20 A			0	-			1 1 1				1		1 1 1				! ! !	1 1 1		1			1 1
Skip Substation			100% 20-Feb-19 A			0				1				1		!				! ! !						
9095	Preliminary Engineering		100% 20-Feb-19 A			0				1				· ! !		1				! !						
9100	Final Engineering	65	100% 15-May-19 A	13-Aug-19 A		0			1	1 1 1				1 1 1		; ; ;				! !	1	1	!			1 1
9105	Procurement & Material Delivery	50	100% 14-Aug-19 A	07-Nov-19 A		0								 !		1					!					
9110	PSC Installation at Skip Substation	25	100% 29-Nov-19 A	02-Jan-20 A		0				1				, 		1				, , , ,						
9115	Test & In-Service	10	100% 03-Jan-20 A	16-Jan-20 A		0	1	į		1				1 1 1							-	1 1 1	1 1 1			

•	aster Schedule (w/ARB Apr Sched) CEC/SCE		1		VBS Sur																						10-Jun	-20 10:
ctivity ID	Activity Name	OD	% Comp Start	Finish	TF	Fin. Var.	Mari	2020		I c		0-4	Na	D		F=1-	1 14-				2021		A T	C 1	0-4	Navi		202 Jan
Project Closeout		66	100% 20-May-20 A	20-Aug-20	335	0	May	Jun Ju	ıl Au	g   S	ер	Oct	Nov	Dec	Jan	Feb	Mar	Ap	r Ma	y Jui	n ,	Jul	Aug	Sep	Oct	Nov	Dec	Jan
9015	Issue Authorization To Close (ATC)	0		20-May-20 A	333	0	8										1											
9010	Work Order Close-Out Complete (FAOC)	0	0%	20-Aug-20*	0	0	<b>-</b>			<b>\$</b>						- <del> </del>												1
BESS Construction	on Schedule	64	23.68% 01-Apr-20 A	26-Aug-20	255	0																						
BESS-2000	Underground Utilities	4	100% 01-Apr-20 A	28-Apr-20 A		0																					: : : :	
BESS-2006	HPSU Pad	10	100% 29-Apr-20 A	12-May-20 A		0																						1
BESS-2005	Transformer Pad - Ground Floor	6	100% 30-Apr-20 A	12-May-20 A		0									! !												! ! !	
BESS-2123	Transformer Pad - Containment Curb	3	100% 09-May-20 A	12-May-20 A		0				d ! !	L -     		   			-	 							 !			     	J
BESS-2030	BESS Equipment Delivered To Site	8	87.5% 12-May-20 A	02-Jun-20	207	0																					1	
BESS-2020	Equipment Installation (Ground Floor)	12	91.67% 12-May-20 A	02-Jun-20	207	0									; ; ;												; ; ;	
BESS-2121	Sleeper Pads	6	100% 12-May-20 A	22-May-20 A		0									!		!							1				
BESS-2122	Switchgear Pads	8	100% 12-May-20 A	22-May-20 A		0																						
BESS-2015	Second Floor Construction	8	0% 19-May-20 A	16-Jun-20	293	0					 !																!	1
BESS-2124	Above Ground Electrical	10	30% 20-May-20 A	11-Jun-20	224	0																					1	
BESS-2025	13.8KV Cable Tray To Main GSU	3	0% 02-Jun-20	26-Jun-20	210	0									1		1 1 1	1									i 1 1	1
BESS-2035	Electrical Wiring (Ground Floor)	16	0% 08-Jun-20	30-Jun-20	207	0																						1
BESS-2125	Deliver & Assemble Equipment (Top Floor)	2	0% 10-Jun-20	18-Jun-20	293	0																						1
BESS-2040	BESS Testing & Commissioning	16	0% 30-Jun-20	24-Jul-20	207	0																						
BESS-2050	EGT Testing & Commissioning	1	0% 24-Jul-20	30-Jul-20	207	0																					1	
BESS-2060	BESS COD (For RAPA)	0	0% 30-Jul-20		207	0			8	!	1	-	!		!		1 1	1	-	1	-	1	!				i 1 1	1
BESS-2080	EGT Comissioning and Trial Test Runs	4	0% 30-Jul-20	03-Aug-20	207	0			į						1									1			1	1
BESS-2090	EGT Substantial Completion Target (COD)	0	0% 04-Aug-20		207	0			8																		: : :	1
BESS-2100	O&M Staff Training By GE	4	0% 04-Aug-20	12-Aug-20	255	0																					!	
BESS-2110	As Builts	4	0% 04-Aug-20	26-Aug-20	255	0											1							1			! !	1
BESS-2120	Final Completion Target	0	0% 26-Aug-20		255	0				\$					-	1	1 1 1									:	! !	-

Page 20 of 20 TASK filter: Not Level Of Effort.

Attachment 2 – COM-5 Compliance Matrix

	A	В	-	n	F	F	6	н	1	1	, k	0	D	0	0	ç	т	ı,
1			y Reliah	ility Center Compliance Matrix (16	-AFC-01)	·	G	n		,		Pre- Construction	,	, ,		3		U
	All Phase			,	,	1	!	6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final S	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 CPN	Date Submitted to	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	AQ	AQ-A1.a		Monthly Emissions Units - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PMJD, PMZ, 5, SOI). 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 SCAQMb 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		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, VOX PMIO, PMIO.5, SOA), See Decision AQA.14 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 (NDX, CO, VOC, PMJD, PMZ-5, SOx). See Decision AQ-A1 also for rules regarding the for commencement of operation. See Decision for rules of the procession for values or 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 SCAQMO Executive Officer upon request. The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMO. The records shall include, but not be limited to, natural gas usage in a calendar month and automated monthly and annual aclustated emissions. [RULE 1303(a)(1)-BACT, 5-0.1996; RULE 1303(a)(1)-BACT, 5-0.1996; 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 (NDX, CO, VOC, PMJD, PMZ, 5, Sol.). 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, 12-6-2002, RULE 1303(b)(2)-Offiset, 5-10-196, RULE 1303(b)(2)-Offiset, 15-0-196, RULE 1303(b)(2)-Offiset, 15-0-196, RULE 1305(b)(2)-Offiset, 15-0-196,		N/A	N/A		Not Started							SERC	DSR
9	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)-8ACT, 5-10-1996; RULE 1303(a)(1)-8ACT, 12-6-2002] [Devices subject to this condition: D1, D7]	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
10				1	1	1	I .		1	l .	1	1	1	1	1			

	A	В	С	D	E	F	G	Н	<u> </u>	J	K	0	Р	Q	R	S	T	U
1	Stanto	n Energ	y Reliabi	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
	All Phase					ı		6/30/2040				Construction						
3				Revised 4/30/2019		Based on Final S	Staff Assessment					Commissioning						<u> </u>
-				Neviseu 4/30/2019								Operations						Ì
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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	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 commissionling, startup, and shutdown periods. [RULE 1303(a)(1)-8ACT, 5-10-1996; RULE 1303(a)(1)-8ACT, 1-5-10-996; RULE 1303(a)(1)-8ACT, 1-5-10-996; RULE 1303(a)(1)-8ACT, 1-5-10-996; RULE 1303(a)(1)-8ACT, 1-5-2-002) [Devices	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				subject to this condition: D1, D7]														
12	AQ	AQ-A5	COM/OPS	2.0 PPMV VOC Limit Averaging - The 2.0 PPMV VOC emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen.  This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)(1)-8ACT, 5-10-1996, RULE 1303(a)(1)-BACT, 126-2002] [Devices subject to this Condition: 01, D7]	The project owner shall submit records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQSC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
13	AQ	AQ-A6	COM/OPS	25 PPMV Nox Limit Averaging - The 25 PPMV NOx emission limit(t) 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)		Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
14	AQ	AQ-A7	COM/OPS	Combustion Contaminant Emissions - For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but both limits at the same time, (RIUE 475, 10-8-1976; RULE 475, 8-7-1978) [Devices subject to this condition: D1, D7]	records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
15	AQ	AQ-A8	COM/OPS	NN4_tulntAveraging. The 50 PPMV NH, emission limit is averaged over one hour, dry basis, at 15 percent oxygen.  The project owner shall calculate and continuously record the NH3 silp 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
16	AQ	AQ-A8.a	COM/OPS	NH3 Limit Averaging - The S.O PPAVV NH3 emission limit is averaged over one hour, dry basis, at 15 percent oxygen.  The project owner shall calculate and continuously record the NH3 silp concentration  (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH3 calculation equation.	monitoring system according to a District-approved monitoring plan. The project owner shall include exceedances of the hourly ammonia slip limit and calibration	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
17	AQ	AQ-A8.b	COM/OPS	NH3 Limit Averaging: The S.O PPAVV NH3 emission limit is averaged over one hour, dry basis, at 15 percent oxygen.  The project owner shall calculate and continuously record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH3 calculation equation.	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	Calibrate SCR inlet Nox analyzer	Once every 12 months	Annually		Not Started							SERC	DSR
18	AQ	AQ-A8.c	COM/OPS	NH3 Limit Averaging - The 5.0 PPMV NH3 emission limit is averaged over one hour, dry basis, at 15 percent oxygen.  The project owner shall calculate and continuously record the NH3 slip concentration  (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH3 calculation equation.		No Submittal requirement identified, Report in Quarterly report	The ammonia slip calculation procedure shall be in effect no later than 90 days after initial startup of the turbine	7/15/2020		Not Started							SERC	DSR
19.	AQ	AQ-B1	COM/OPS	Hs.5 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 (AQSCP).  The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR

П	А	В	c	D	E	F	G	Н	I	J	K	0	P	Q	R	S	т	U
П	Stanto	n Energ	y Reliabi	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
	All Phase							6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final S	taff 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 CPN	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
20	AQ	AQ-C1	COM/OPS	Start-up Limitations - Owner shall limit the number of start-ups to no more than 124 in any one calendar month.	Provide records including a table documenting the type of startup, duration and date of occurrence.  Monthly Reports to be included in the Quarterly Operations Reports (AQ-SC7)		Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
21	AQ	AQ-C2		Shutdown Limitations - Owner shall limit the number of shutdowns to no more than 124 in any one calendar month.	documenting each shutdown, and indicating the duration and date of occurrence.  'Monthly reports to be included in Quarterly Operation Reports. (AQ- SC7)	Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
22	AQ	AQ-C3	COM/OPS	Pressure Relief Valve Requirements - The project owner shall install and maintain a pressure relief valve set at 2.3 psig.	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
23.	AQ	AQ-D1a	COM/OPS	Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. The test shall be conducted after District approval of the source test protocol, but no later than 180 days after initial start-up. District must approve sets protocol and 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
24	AQ	AQ-D1b	COM/OPS	initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Bedsion 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 Dedsion for further test specifications.	Submit test protocol to District for approval.	Proposed source test protocol.	Submit protocol 90 days before test date to Air District.	7/15/2020		Not Started				SCAQMD	1/2/2020 1/9/2020		SERC	DSR
25	AQ	AQ-D1c	COM/OPS	Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Desision or 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 Desision for further test specifications.	Submit test protocol to CPM for approval.	Notification to the CPM of the date and time of the test at least 10 days prior to the test.	Notify CPM of proposed date and time 10 days prior to test date.	10/3/2020		Not Started							SERC	DSR
26	AQ	AQ-D1d	COM/OPS	Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Desision 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. Northy District prior to test of date and time of test. See Desision 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.		Notify Air District of proposed date and time 10 days prior to test date.	10/3/2020		Not Started				SCAQMD			SERC	DSR
27	AQ	AQ-D2a		to test of date and time of test. See <b>Decision</b> for further test specifications.	submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	Revised protocol for the source tests	Submit revised protocol no later than 45 days before test date to the CPM	4/16/2023		Not Started							SERC	DSR
28	AQ	AQ-D2b	COM/OPS	Operations Source Test - Owner must conduct air pollutant source test for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.		Revised protocol for the source tests	Submit revised protocol no later than 45 days before test date to the District	4/16/2023		Not Started				SCAQMD			SERC	DSR

	A	В	C	D	E	F	G	Н	I	J	K	0	Р	Q	R	S	T	U
1	Stanto	n Energ	y Reliab	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	es						6/30/2040				Construction						
3				Revised 4/30/2019		Based on Final S	toff Assessment					Commissioning						
4				Revised 4/30/2019		Based on Final S	Starr 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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
29	AQ	AQ-D2c	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Dedsion for further test specifications.	Submit the source test results no later than 60 days following the source test date to both the District and CPM.	Source test results	No later than 60 days following the source test date.	6/15/2023		Not Started							SERC	DSR
30	AQ	AQ-D2d	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	Submit the source test results no later than 60 days following the source test date to both the <b>District</b> and CPM.	Source test results	No later than 60 days following the source test date.	6/15/2023		Not Started				SCAQMD				
21	AQ	AQ-D2e	COM/OPS	Operations Source Test - Owner must conduct air pollutant source test for SOX, VOC, and PM4D once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	CPM of the date and time of the test at	Notify CPM of proposed date and time 10 days prior to test date.	10/3/2023		Not Started							SERC	DSR
32	AQ	AQ-D2f	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	District of the date and time of the test at	Notify Air District of proposed date and time 10 days prior to test date.	10/3/2023		Not Started				SCAQMD			SERC	DSR
22	AQ	AQ-D3a	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH <sub>3</sub> quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to CPM	8/29/2021		Not Started							SERC	DSR
34	AQ	AQ-D3b	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually lafter that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.				8/29/2021		Not Started				SCAQMD			SERC	DSR
35	AQ	AQ-D3c	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH <sub>2</sub> quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall submit the source test results no later than 60 days following the source test date to both the District and CPM.		Submit results 60 days after the test to CPM	12/12/2021		Not Started							SERC	DSR
36	AQ	AQ-D3d	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall submit the source test results no later than 60 days following the source test date to both the District and CPM.		Submit results 60 days after the test to District	12/12/2021		Not Started				SCAQMD			SERC	DSR
30	AQ	AQ-D3e	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for Nh1, quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	notified of the date and time of the test at	The project owner shall notify the CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	10/3/2020		Not Started							SERC	DSR
37	AQ	AQ-D3f	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	days prior to the proposed initial source test of the date and time of	notified of the date and time of the test at	The project owner shall notify the District no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	10/3/2020		Not Started				SCAQMD			SERC	DSR

Stanto	n Energ	y Reliab	ility Center Compliance Matrix (16-	·AFC-01)	i		l				Pre- Construction				1 7		
All Phase		<del></del>			-	1	6/30/2040				Construction						
											Commissioning						
<b>├</b>			Revised 4/30/2019		Based on Final S	Staff Assessment					Operations				+		
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 COS		Date Approved by	Other Agencies to	Date Submitted	Date Approved by Other	Responsible Party	SERC Project Manager
AQ	AQ-D3g		source tests for NH, 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 test shall be conducted at least quarterly during the first twelve months of operation and at least annually thereafter.	N/A	N/A	Quarterly/Annual	Date Submitted to LPM	date)) Not Started	Date Approved by CPN	U8O	.du	Submit to?	to Other agencies	Agenties	SERC SERC	Manager DSR
AQ	AQ-D4	COM/OPS		operating no later than 90 days	N/A	The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine, and in accordance with an approved SCAQMD Rule 218 CEMS plan application.	7/15/2020		Not Started							SERC	DSR
AQ	AQ-D4a	COM/OPS	concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See <b>Decision</b> for CO conversion rate formula.	The project owner shall submit the SCACMM approved CEMS plan to the CPM within 50 days of SCACMM approval. The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	4/16/2020	1/24/2020	Completed							SERC	DSR
AQ	AQ-D4b	COM/OPS	concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0		CEMS Plan / Initial Certification	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/30/2020		Not Started							SERC	DSR
AQ	AQ-D5	COM/OPS	basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See <b>Decision</b> for CO conversion rate formula.	operating no later than 90 days	CEMS Plan	The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine	7/15/2020		Not Started							SERC	DSR
AQ	AQ-D5a	COM/OPS	concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	4/16/2020	1/24/2020	Completed							SERC	DSR
AQ	AQ-D5b	COM/OPS	concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See <b>Decision</b> for CO conversion rate formula.	The project owner shall submit the I SCACMID approved CEMS plan to the CPM within 50 days of SCACMID approval.  The project owner shall make the site available for inspection of records by representatives of the District, ARIS, and the Energy Commission.	CEMS Plan	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/30/2020	1/24/2020	In Progress							SERC	DSR
AQ.	AQ-D6a	COM/OPS	Meter for NH <sub>4</sub> Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH <sub>3</sub> ). The flow meter must be accurate to +/-5 percent and calibrated annually. Maintain ammonia injection rate between 15 and 200 pounds ger hour (except during startups and shutdowns).	Calibrate NH3 Meter	N/A	Prior to first fire	4/6/2020		Completed							SERC	DSR

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T	Stanto	n Energ	y Reliab	ility Center Compliance Matrix (16	-AFC-01)				,	, , , , , , , , , , , , , , , , , , ,		Pre- Construction	·					
	All Phase							6/30/2040				Construction						
3				Revised 4/30/2019		Rased on Final	Staff Assessment					Commissioning						
4				neviseu 4/30/2019		DUSCU OII FIIIdi	AJCJSIIIEIIL					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 CPN	Date Submitted to	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
47	AQ	AQ-D6b		Meter for NH, Flow - Install a meter to measure the total hourly flowfroughput of injected ammonia (NH <sub>3</sub> ). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 15 and 200 pounds per hour (except during startups and shutdowns).	Maintain ammonia injection rate between 15 and 200 pounds per hour (except during startups and shutdowns). Documentation demonstrating compliance in Quarterly Operations Report (AC-SC7), including table of shutdowns.	Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
48	AQ	AQ-D6c	COM/OPS	Meter for NH <sub>3</sub> Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH <sub>3</sub> ). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Calibrate NH3 Meter	N/A	Once every 12 months	Annually		Not Started							SERC	DSR
49	AQ.	AQ-D7a		temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to 4-5 specent and calibrated once per 12 months. Walniziain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	Calibrate SCR Inlet temperature gauge	N/A	Prior to first fire	4/6/2020		Completed							SERC	DSR
50	AQ	AQ-D7b	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor intel. Temperature street her SCR reactor intel. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to y/-5 percent and calibrated once per 12 months. Maintain SCM/CO carabyst intel temperature between 60 and 855 degrees F (except during startups and shutdowns).	Maintain SCR/CO catalyst linet temperature between 460 and 855 degrees. F [except during startups and shutdowns]. The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SCP), including table of shutdowns.	Quarterly Operation Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
51	AQ.	AQ-D7c	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +7 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst linet temperature between 60 and 855 degrees F (except during startups and shutdowns).	Calibrate SCR Inlet temperature gauge	N/A	Once every 12 months	Annually		Not Started							SERC	DSR
52	AQ	AQ-D7d	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/ 5 percent and calibrated once per 12 months. Maintain SCM/CO catalyst linet temperature between 60 and 855 degrees F (except during startups and shutdowns).	temperature between 460 and 855	Quarterly Operations Report (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
53	AQ	AQ-D8a	COM/OPS	SCR Pressure Gauge - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month. The gauge should be accurate to 4' 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	Calibrate DP pressure gauge.  The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	N/A	Prior to first fire	4/6/2020		Completed							SERC	DSR
3	AQ	AQ-D8b	COM/OPS	SCR Pressure Gauge - Install a pauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to -//. Spercent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	The project owner shall also install and maintain a device to continuously record the parameter being measured. The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
55	AQ	AQ-D8c	COM/OPS	SCR Pressure Gauge - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month. The gauge should be accurate to 4/5 percent and calibrated none per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	Calibrate DP pressure gauge.	N/A	Once every 12 months	Annually		Not Started							SERC	DSR

П	Α	В	С	D	E	F	G	Н	I	J	K	0	P	Q	R	S	T	U
1 S	tanto	n Energ	y Reliabi	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2 A	III Phase	s						6/30/2040				Construction						
4				Revised 4/30/2019		Based on Final S	Staff Assessment					Commissioning Operations						
T	'echnical 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 Submitted to	Date Approved by	Other Agencies to	Date Submitted	Date Approved by Other	Responsible	SERC Project
56	AQ	AQ-E1	CONS	The project owner shall upon completion of construction, operate and maintain this equipment according to the following requirements: in accordance with all air quality mitigation measures stipulated in the final california Energy Commission decision for the 16-AFC-01 project. (CA-PRC CGOA, 5-12-2017) [Devices subject to this condition: DJ, C3, C4, D7, C9, C10, D13]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Conditional	Date Submitted to CPM	datel) Not Started	Date Approved by CPM	СВО	CBO	submit to?	to Other agencies	Agencies	Party SERC	Manager DSR
57	AQ.	AQ-E2a	CONS	Permit to Construct - The Permit to Construct shall expire one year from the Permit to Construct shaunce date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the District Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate.	Request an extention of the Permit to Construct	Permit to Construct extension	Prior to expiration of Permit to Construct	11/14/2020		in Progress				SCAQMD			SERC	TLB
58	AQ	AQ-E3	COM/OPS	Commissioning Hours - Total commissioning hours shall not exceed 100 hours of fired operation for each turbing from the date of initial turbine startup. Commissioning hours without control shall not exceed 88 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	records including the total number of commissioning hours, number of commissioning hours without control, natural gas fuel usage for the pre-catalyst phase, and natural gas fuel usage for the post-catalyst phase per turbine to demonstrate compilance with this condition as part of the Quarterly Operational Report required in AQ-SC7.	Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
59	AQ	AQ-E3a	COM/OPS	Commissioning Hours - Total commissioning hours shall not exceed 100 hours of freed operation for each turbing from the date of initial turbine startup. Commissioning hours without control shall not exceed 80 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	the SCAQMD with written	The SCAQMD shall be notified in writing of the initial startup date of each turbine.	2/1/2020	4/16/2020		Not Started				SCAQMD	4/17/2020 (Unit 2) 4/20/2020 (Unit 1)		SERC	DSR
60	AQ	AQ-E4	COM/OPS	Op. Emission Limit - 120 Ibs/MM8ftu CQ, emission limit for non-base load turbines shall apply. Compliance with the 120 Ibs/MM8ftu CQ2 emission limit shall be determined on a 12-operating-month rolling average basis.  This turbine shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart TTTT, including applicable requirements for recordiseping and reporting. [40 CFR 60 Subpart TTTT, 10-23-2015] [Devices subject to this condition: 0.1), 0.7]	The project owner shall submit to the CPM for approval all emissions and emission calculations to demonstrate compliance with this condition as part of the 4th quarter Quarterly Operational Report required in AQ-SC7.	Quarterly Operational Report (AQ-SC7).	Annually, no later than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Not Started							SERC	DSR
61	AQ	AQ-E5	COM/OPS	Storage Tank, Aqueous Ammonia - The project owner shall vent this equipment, during filling, only to the vessel from which it is being filled.	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.		N/A	Conditional		Not Started							SERC	DSR
62	AQ	AQ-F1	OPS	An Discharge Limits - Except for open abrasive blasting operations, the project cowner shall not discharge into the atmosphere from any single source of emissions whatsower any air contaminant for a period or periods aggregating more than three minutes in any one hour which is: (a) As dark of ordarier in shade as that designated No. 1 on the Ringelmann chart, as published by the United States Bureau of Minery; (r) (b) of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.	(ARB), the United States Environmental Protection Agency (U.S. EPA) and the California Energy Commission (Energy Commission).		N/A	Conditional		Not Started							SERC	DSR
63	AQ	AQ-H1	COM/OPS	NOX CEMS Performance Evaluation - The performance evaluation of the NOX CEMS shall be conducted as part of the initial performance text of the turbine required no later than 130 days after initial start-up by \$60.8, in accordance with the requirements of \$60.4405. The initial performance text of the turbine shall be conducted to demonstrate compliance with the \$60.430 lmit of 25.0 ppm NOX at 15% 60.2, 1-hour awaraging, \$10.756.0 Subpart A. \$50.056, 40.075. The Subpart A. \$50.056, 40.075. The Condition: 0.10, 10.056. Subpart KOKK, 7-6.2006] (Devices subject to this condition: 0.10, 10.056.)  See Decision for rules for additional requirements		N/A	No later than 180 days after initial start- up	10/13/2020		Not Started							SERC	DSR

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4				Revised 4/30/2019		Based on Final S	taff 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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	AQ	AQ-H2	COM/OPS	Nox CEMS requirements - The Nox CEMS shall comply with the requirements of conditions 98.2 (AQDS), 142.3.1 (AQ-H1), and 142.3 (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 975.11(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 975.10(4)(3)(ii) and 975.13(b). (40 CFR 75-AGI Kain CEMS - 133.2012) [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. FPA and the Energy Commission.	N/A	N/A	Ongoing		Not Started							SERC	DSR
64	AQ	AQ-H3	200/1402	See Decision for rules for additional requirements  Refrigerants Requirements - The equipment is subject	The project owner shall make the	NI/A	N/A	Ongoing		Not Started							SERC	DSR
65	AQ AQ			Refrigerants Requirements - The equipment is subject to the applicable requirements of District Rule 1415.  [Devices subject to this condition: £15]  Refrigerants Requirements - This equipment is subject	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.  The project owner shall make the					Not Started  Not Started							SERC	DSR
66	AU	AQ-H4		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.	IN/A	N/A	Ongoing		NOT STARTED							SERC	
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.		No later than 90 days following the source test date	1/11/2021		Not Started							SERC	DSR
	AQ.	AQ-K1a	COM/OPS		The project owner shall submit the			1/11/2021		Not Started				SCAQMD			SERC	DSR
68				test results to the District 90 days after testing. See the <b>Decision</b> for detailed requirements.	days following the source test date to both the District and CPM.		following the source test date											
69	AQ	AQ-K2	OPS	or item(s):  For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating tops, left of glo coating type, lof). VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, lo/VOC content as supplied in g/l of coating, less water and exempt subvent, for other coating.  For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (s) coating type, lo) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings, (RIUE 3004(4)). Percolation 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. FPA and the Energy Commission.		N/A	Ongoing		Not Started							SERC	TLS
.70	AQ	AQ-SC1	PC	Air Quality Construction/Demolition Mitigation Manager (AQCMM) — The project owner shall designate and retain an on-site AQCMM who shall be responsible for directing and occumenting compliance with AQ-SCS, AQ-SCA, and AQ-SCS for the entire project site and linear facility construction.	resume, qualifications, and contact information for the on-site AQCMM and all AQCMM Delegates. The AQCMM and all delegates must be approved by the CPM and all AQCMM Delegates before the start of ground disturbance.	AQCMM Delegates	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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1 9	Stanto	n Energ	y Reliabi	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	s						6/30/2040				Construction						
3				Revised 4/30/2019		Based on Final S	Staff Assessment					Commissioning						
4				Revised 4/30/2019		Dusca on Final	Aut Assessment					Operations						
5	Fechnical 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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
72	AQ	AQ-SC2a	PC	Air Quality Construction Mitigation Plan - The project owners shall provide an AQLMP, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with AQSC3, AQ-SC4, and AQ-SC5.	Submit the AQCMP to the CPM for approval and the South Coast Air Quality Management District (District). The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.	AQCMP	At least 60 days prior to ground disturbance, the project owner shall submit the AQCMP to the South Coast Air Quality Management District (District).	11/3/2018		Completed				SCAQMD	11/1/2018		SERC	GAL
73	AQ	AQ-SC3	CONS	Air Quality Fugithe Dust MICR - The AQCMM shall submit documentation to the CPM in each Monthly Compliance Report (MICR) that demonstrates compliance with the following mitigation measures for the purposes of minimizing fugitive dust emissions created from construction activities and preventing all fugithe dust plumes from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM notification and approval. (See Decision for list of items (A through N).	Provide a Monthly Compliance Report to the CPM that summarizes all actions taken to maintain compliance with this condition, including complaints filled with the District and other documentation necessary.	MCR	Monthly, no later than 10 business days	Monthly		In Progress							SERC	GAL
74	DA.	AQ-SC4	CONS	AC Dust Plume Monitoring - The AQCNM or delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes that have the potential to be transported: (1) off the project site, (2) 200 feet beyond the centerine of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not womed by the project owner, indicate that existing miligation measures are not resulting in effective miligation. The AQCMM or delegate shall implement the following procedures for additional militagion measures in the event that such visible dust plumes are observed and shall include a section in the AQCM detailing how the additional militagion measures will be accomplished within the time limits specified; (see Decision AQ-SC4 for Steps 1 through 3 for dust plume response)	Provide a Monthly Compliance Report to the CPM that summarizes all ections taken to maintain compliance with this condition, including complaints filed with the District and other documentation necessary.	MCR	Monthly, no later than 10 business days	Monthly		In Progress							SERC	GAL
75	AQ	AQ-SC5	CONS	AC construction Mitigation Report - The ACCMM shall submit to the CPM, in the MCR, a construction miligation report that demonstrates compliance with the following miligation measures for purposes of controlling diseal construction related emissions. Any deviation from the following militagion measures shall require prior CPM notification and approval. (See Decision AQ-SCS for items A through F).	Include a table in the MCR: (1) a summary of all actions taken to maintain compliance with this condition; (2) all list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner incliding the thin each owner incliding that the equipment has been properly maintained; and (3) any other documentation deemed necessary by the CPM and ACQMM to serify compliance with this condition.	MCR	Monthly, no later than 10 business days	Monthly		in Progress							SERC	GAL
76	AQ	AQ-SC6a	CONS/COM/ OPS	Air Permit Modifications - The project owner shall provide the CPM copped any District-Issued project air permit for the facility. The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. EPA, and any revised permit its used by the District or U.S. EPA, for the project.	submittal by the project owner to an agency, or 2) receipt of	The project owner shall submit any project air permit and any proposed air permit modification to the CPM within five working days of its submittal either by 1) the project owner to an agency	Within 5 working days of proposing permit modification.	Conditional		NotStarted							SERC	GAL
77	AQ		CONS/COM/ OPS			The project owner shall submit any proposed air permit and any proposed air permit modification to the CPM within five working days of its submittal either by 2) receipt of proposed modifications from an agency.	Within 5 working days of proposing permit modification.	Conditional		Not Started							SERC	GAL
78	AQ		OPS			The project owner shall submit all modified air permits to the CPM.	Within 15 days of receipt	Conditional		Not Started							SERC	GAL
79	AQ	AQ-SC7	COM/OPS	CPM Quarterly Operation Reports - Project owner shall submit to the CPM Quarterly Operation Reports, following the end of each calendar quarter. Operational and emissions information as necessary to demonstrate compliance with the Conditions of Certification herein to be included.	the CPM Quarterly Operation Reports, following the end of each	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days following the end of each calendar quarter	Quarterly		Not Started				SCAQMD			SERC	DSR

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	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not started, in progress, completed (with		Date Submitted to	Date Approved by	Other Agencies to	Date Submitted	Date Approved by Other	Responsible	SERC Project
5	BIO	BIO-1a		Designated Biologist Selection - The project owner	The specified information shall be		At least 75 days prior	10/19/2018	Date Submitted to CPM 9/27/2018	date)) Completed	Date Approved by CPM 10/17/2018	СВО	СВО	submit to?	to Other agencies	Agencies	Party JACOBS	Manager GAL
	ыо	BIO-14	PC	shall assign at least one Designated Biologist to the	submitted at least 75 days prior to	DB Resume	to the start of pre-	10/19/2018	9/2//2016	Completed	10/17/2018						JACOBS	GAL
80				project. The project owner shall submit the resume of the proposed Designated Biologist, with at least three references and contact information, to the Energy Commission compliance project manager (CPM) for approval. The Designated Biologist must meet the minimum qualifications (1) through (3) in this condition (80-1). See Decision for qualifications.	the start of pre-construction site mobilization activities. No pre-construction site mobilization or construction-related activities shall commence until an approved Designated Biologist is available to be on site.		construction site mobilization activities.											
81	BIO	BIO-1b	PC/CONS	Designated Biologist Selection - The project owner shall assign at least one Designated Biologist to the project. The project owner shall submit the resume of the proposed Designated Biologist, with at least three references and contact information, to the Energy Commission complante project manager (CPM) for approval. The Designated Biologist must meet the minimum qualifications (1) through (3) in this condition (BIO-1). See Decision for qualifications.	If a Designated Biologist is replaced, the specified information for the proposed replacement must be submitted to the CPM at least ten working days prior to the termination or release of the preceding Designated Biologist.	DB Resume	Notify CPM 10 working days in advance of replacing DB.	Conditional		Not Started							JACOBS	GAL
82.	BIO	BIO-2a	CONS	Designated Biologist Duties — The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilisation, ground disturbance, garding, construction operation, closure, or restoration activities. The Designated Biologist may be assisted by the approved Biologist Monitor(s) but remains the contact for the project owner and CPM. The Designated Biologist duties shall include the following: [See Decision for items 1- 10)	Submit in the monthly compliance report to the CPM copies of all written reports and summaries that document construction activities that have the potential to affect biological resources.	Reports and summaries in the MCR and Annual Compliance Report.	Monthly/Annually	Monthly		in Progress							SERC	GAL
83	BIO	BIO-2b	OPS	Designated Biologist Duties - The project owner shall ensure that the Designated Biologist performs the following during any tile (or related facilities) mobilization, ground disturbance, grading, construction, operation, closure, or restoration activities. The Designated Biologist may be assisted by the approved Biologist Amontoris but remains the contact for the project owner and CPM. The Designated Biologist duties shall include the following: (See Decision for Items 1- 10)	Submit in the monthly compliance report to the CPM copies of all written reports and summaries that document construction activities that have the potential to affect biological resources.	MCR's and ACR's	Monthly/Annually	Monthly		in Progress							SERC	GAL
841	BIO	BIO-3a	PC	Biological Monitor Selection - The project owner's Designated Biologist shall submit the resumes, at least 3 references and contact Information, of the proposed Biological Monitors to the CPM for approval.		BM's Quals	At least 30 days prior to the start of pre- construction site mobilization.	1/5/2019	11/1/2018	Completed	11/14/2018						JACOBS	GAL
85	BIO	BIO-3b	CONS/COM/ OPS	Biological Monitor Selection - The project owner's Designated Biologist shall submit the resumes, at least 3 references and contact information, of the proposed Biological Monitors to the CPM for approval.	Submit the specified information to the CPM for approval no less than 30 days prior to the start of any pre-construction site mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	If Additional BMs are needed during construction	Approval from CPM at least 10 days prior to their first day of monitoring activities.	Conditional	4/9/2019	in Progress	4/18/2019						JACOBS	GAL
86	BIO	BIO-4a	CONS/COM/ OPS	Designated Biologist and Biologisal Monitor Authority. The project owners' construction/operation manager shall act on the advice of the Designated Biologist and Biologisal Monitoricy to ensure conformance with the biologisal resources conditions of certification. If required by the Designated Biologist and Monitoris the project owner's construction/operation manager shall half all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall (paraphrase) have the authority to stop construction and notify the CPM of the work stoppage.	the CPM of any non-compliance or halt of construction.	BM Notify CPM	Morning following the incident (or Monday morning in case of a weekend)	Conditional		Not Started							JACOBS	GAL

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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 Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
87	BIO	BIO-4b	CONS/COM/ OPS	Designated Biologist and Biologisal Monitor Authority- The project owner's construction/operation manager shall act on the advice of the Designated Biologist and Biologisal Monitor(s) to ensure conformance with the biologisal resources conditions of certification. If required by the Designated Biologist and/or Biologist. Monitor(s) the project owner's construction/operation manager shall halt all site mobilization, ground disturbance, gending, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall lip paraise)have the authority to stop construction and notify the CPM of the work stoppage.	the CPM of any non-compliance or halt of construction.	Project Owner Notify CPM of circumstances and actions being taken to resolve the problem	Morning following the incident (or Monday morning in case of a weekend)	Conditional		Not Started							SERC	GAL
88	BIO	BIO-5a	PC	Worker Environmental Ausreness Program, Biological Resources - The project owner shall develop and implement a project-specific Worker Environmental Awareness Program (WEAP) and shall secure approval for the WEAP from the CPM in constantion with USPM and CDPW. The WEAP shall be administered to all onsite personnel including surveyors, construction engineers, employees, contractors, contractor's employees, supervisors, inspectors, subcontractors, and delivery personnel. The WEAP shall be implemented during site mobilization, ground disturbance, grading, construction, operation, and closure.	start of any pre-construction site mobilization, the project owner shall provide to the CPM the proposed WEAP and all supporting written materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s)	Draft WEAP	At least 45 days prior to the start of pre- construction site mobilization	11/18/2018	10/18/2018	Completed	12/13/2018						JACOBS	GAL
89	BIO	BIO-5b	PC	Final WEAP - See BIO-5a	At least 10 days prior to site and related facilities mobilization, the project owner shall submit two copies of the CPM-approved materials.	Final WEAP	At least 10 days prior to start of site mobilization	12/18/2018	1/10/2019	Completed	1/23/2019						JACOBS	GAL
90	BIO	BIO-5c	CONS/OPS	WEAP Training Acknowledgement Forms on File - See BIO-Sa	Workers sign training acknowledgement forms and receive a hardhat sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	Training acknowledgement forms and issue hard hat stickers	Kept on file for six months after commercial operation begins	12/29/2020		In Progress							ARB	GAL
91	BIO	BIO-5d	CONS/OPS	WEAP Training Acknowledgement Forms on File - See BIO-Sa	Workers sign training acknowledgement forms and receive a hardha sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	Provide monthly compliance report of number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date	Monthly	Monthly		In Progress							ARB	GAL
92	BIO	BIO-5e	CONS/COM/ OPS	WEAP Training Acknowledgement Forms on File - See BIO-Sa	Workers sign training acknowledgement forms and receive a hardhat sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	Provide annual WEAP training to permanent	Annually for permanent employees, training within 1 week for new employees	Conditional									SERC	DSR
93	BIO	BIO-6a	PC	Biological Resources Mitigation Implementation and Management Pan (BaMIMP) - The project owner shall develop a BIMIMP and submit two copies of the proposed BIMIMP to the CPM (for review and approval) and to CDPW and SUPWs (for review and approval) and to CDPW and SUPWs (for review and comment, if applicable, and shall implement the measures identified in the approved BiMIMP. The BIMIMP shall be prepared in consultation with the Designated Biologist and shall identify terms (1) through (14) (See Decision for the listed items).	CPM at least 45 days prior to start of any pre-construction mobilization.	Draft BRMIMP	At least 45 days prior to the start of pre- construction mobilization	12/21/2018	10/19/2018	Completed	12/13/2018						JACOBS	GAL
94	BIO	BIO-6b	PC/CONS/O PS	Additional Permits (BRMIMP) - See BIO-6a If additional permits are received after the BRMIMP is first submitted, provide these to the CPM and submit a revised BRMIMP.	Submit permits not received before the draft BRMIMP is submitted to the CPM. Revised and re-submit the BRMIMP to include discussion of such permits.	Revised BRMIMP	Submit copies to CPM with 5 days of receipt. Provide revised BRMIMP within 10 days of permit receipt	Conditional									JACOBS	GAL

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5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPN	Date Submitted to	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
95	BIO	BIO-6c		Modifying the BRMIMP. The project owner shall notify the CPM no less than 5 working days before implementing any modifications to the approved BRMIMP to obtain CPM approval.	Any changes to the approved BRMIMP must also be approved by the CPM in consultation with appropriate agencies to ensure no conflicts exist.	approved BRMMP	Notify CPM no less than 5 working days before implementing the modifications	Conditional		Not Started							SERC	GAL
96	BIO	BIO-6d		BRMIMIP Monthly Compliance Report - See BIO-6a. Implementation of BRMIMP measures shall be reported in the monthly compliance reports by the Designated Biologist (i.e., survey results, construction activities that were monitored, species observed).	Document compliance in MCR	MCR	Monthly	Monthly		In Progress							SERC	GAL
97	BIO	BIO-6e	CONS	BBMIMP Construction Gours Report - See Bio-Ga. 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 ropiect'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	General Impact Avoidance and Mitigation Measures - Implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See Decision for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.		Monthly	Monthly		In Progress							SERC	GAL
99	BIO	BIO-7b	CONS	General Impact Avoidance and Mitigation Measures— implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See Decision for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.	Construction Closure Report (See BIO-6c)	Within 30 days of the completion of construction (CCR), implementation of measures ongoing during construction.			Not Started							JACOBS	GAL
100	BIO	BIO-8a1	PC/CONS	ne-Construction Neat Survey, and Impact Avoidance and Millimitation Measures for Breeding Birds - Field Notes - Per construction nest surveys shall be conducted if construction not surveys shall be conducted if construction over will occur from February 15 strough August 31. The term "work" shall be defined as all side assessment, per-construction activities, see in a survey of the construction activities. The Designated Biologist construction activities, and ground disturbing construction shall perform surveys in accordance with the following guidelines: (See Decision for 8 specific guideline terms—the following is a brief summany). These include survey within 500 feet of the project boundary. Two pre-construction surveys, separated by a 10-day interval. Conducts surveys no more than 14 days before construction start. Chee survey within 3 days before construction start. Latablish buffer ones for active nests. Inform the CPM of nest finds.	USFWS at least 2 weeks prior to initiating surveys; notification shall include the name and resume of	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 5/2/2019 For Gas Line: 7/31/19	1/22/0109 2/4/2019 7/4/2019 7/4/2019 7/4/2019 7/4/2019 8/7/2019 8/71/2019	in Progress	7/3/2019 7/11/2019 8/23/2019			CDFW, USFWS	1/22/2019		JACOBS	GAL
10.	BIO	BIO-8a2	CONS	Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds - Field Notes - Pre-construction nest surveys shall be conducted if construction work will occur from February 15 through August 31 The term "work" shall be defined as all site assessment, pre-construction activities, site mobilization, and ground disturbing construction activities. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following is a bort summary. These include survey within 500 feet of the project boundary. Two pre-construction surveys, separated by a 10-day internal. Conduct surveys no more than 14 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.		Provide field notes to CPM and CDPM within 24 hours of survey.	Provide field notes within 24 hours of survey	1/21/2019 2/1/2019 2/1/2019 2/1/2019 2/11/2019 2/11/2019 For Gas Line: 8/19/19	1/22/2019 2/1/2019 5/7/19	Completed				CDFW, USFWS			JACOBS	GAL
101	BIO	BIO-8b	CONS	Preconstruction Nest Survey Letter Report - (See Decision BIO-8a for specific guideline items)		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	N/A			CDFW, USFWS	Gas Line: 5/7/19		JACOBS	GAL

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5	Technical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPN	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 For Gas Line 9/5/19	N/A	Not Started	N/A						JACOBS	GAL
104	BIO	BIO-8d	CONS	Monthly Reporting for Preconstruction Nest Surveys - (See Decision BIO-8 for 8 specific guideline items)	Implementation of the measures shall be reported in the MCRs by the Designated Biologist.	MCR	Monthly	Monthly		In Progress							JACOBS	GAL
105	BIO	BIO-9a	CONS	Jack and Bore Drilling Best Management Practices- During construction using pick and bore drilling techniques the Designated Biologist or Biologistal Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to monitor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including but not limited to: (See Decision for 6 items)	Notify the CPM and CDFW in the event of a frac-out, non- compliance, or halt of Jack-and- bore operations.	Notification of a frac- out to CPM and CDFW	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional	9/13/2019	In Progress	12/10/2019						SERC	GAL
106	BIO	BIO-9b	CONS	Jack and Bore Drilling Best Management Practices During construction using jack and bore drilling techniques the Designated Biologist or Biologist 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 Anabeim-Barber Channel, and shall be given suthority to do the following, including but not limited to: (See Decision for 6 items)	Notify the CPM and CDFW in the event of a frac-out, non-compliance, or halt of jack-and-bore operations.	Notification of any non- compliance or a halt of any jack and bore drilling operations to CPM and CDFW and actions being taken to resolve the problem	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional		Not Started							SERC	GAL
107	CIVIL	CIVIL-1a	PC/CONS		and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Proposed drainage structures and grading plan	At least 15 days prior to the start of site grading	12/10/2018		Constitut		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 1-1.3 1/17/2019 PC1	1.1: 2/8/19 (conditional) 1.2: 2/8/19 1.10: 2/8/19 PC2 1.1.10: 2/8/19 PC3 1.1.10: 2/8/19 PC2 1.1.2: 6/14/19 PC3 1.3: 2/8/19 PC2 1.1.3: 6/14/19 PC3				SERC	TAT
107	CIVIL	CIVIL-1b	PC	Erosion and Sedimentation Control Plan - See CIVIL-1a	At least 15 days (or project owner-	Frosion and	At least 15 days prior	12/18/2018		Completed		1-1.3 2/6/19 PC2	1-1.4 6/14/19 PC3				SERC	TAT
100	CIVIE	CIVIL 10		2000 Table 2000 Table	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.	Sedimentation Control Plan	to the start of site grading	12/18/2018		Completed		1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				JENC	
109	CIVIL	CIVIL-1c	PC	See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Construction Stormwater Pollution Prevention Plan	At least 15 days prior to the start of site grading	12/18/2018		Completed		1/7/2019	2/6/2019				SERC	TAT
110	CIVIL	CIVIL-1d	PC	Related Calculations and Specs Stamped by Civil Engineer - See CIVII-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Related Calculations and Specs Signed and Stamped by Responsible Civil Engineer	At least 15 days prior to the start of site grading; and notify CPM in MCR following the CBO's approval	12/18/2018		Completed		1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT
111	CIVIL	CIVIL-1e	PC	Solls, Geotechnical, or Foundation Reports - See CIVIL- 1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Soil, Geotechnical, or Foundation Investigation Reports required by the 2016 CBC	At least 15 days prior to the start of site grading	12/18/2018		Completed		Ongoing	2/8/2019				SERC	TAT
112	CIVIL	CIVIL-1f	PC	Approval of all CIVIL 1a Submittals Noted in MCR - See CIVIL-1a	Statement in the MCR certifying that the documents (CIVIL-1a) have been approved by the CBO.	MCR	Next MCR after approval by CBO	3/13/2019	3/13/2019	Completed		3/13/19 4/11/19					SERC	GAL
113	CIVIL	CIVIL-2a	CONS	Adverse Soll/Geologic Conditions - The resident engineer shall, a personyate, to all aerthwork and construction in the affected areas when the responsible soils engineer, gestechnical 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 CBD based on these new conditions. The project ownershall obtain approval from the CBD 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.		when unforseen adverse soil or geologic conditions are identified by RE	Conditional				Conditional					SERC	GAL

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5	Technical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	CIVIL	CIVIL-2b	CONS	Adverse Soil/Geologic Conditions - The resident engineer shall, Papropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, goostenhoid engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforescent 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 sa result of unforces at stopped sa result of unforcesen adverse geologic/soil conditions.	Notify CPM of a work stoppage	Notify within 24 hours	Conditional		Not Started							SERC	GAL
114	CIVIL	CIVIL-2c	CONS	Adverse Soil/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project ownershall obstain approval from the CBO before resuming earthwork and construction in the affected area.	approval to resume earthwork and	Copy of CBO's approval letter to CPM	Within 24 hours of the CBO's approval to resume work	Conditional		Not Started							SERC	GAL
115	CIVIL	CIVIL-3a	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 SEA. All plant site egrating operations, for which a grading permit is required, shall be subject to inspection by the CBD. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plants, the discrepances shall be reported immediately to the resident engineer, the CBD, and the CPM. The project owners shall prepare a written report, with copies to the GBD and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	engineer shall transmit to the CBO	conformance report to CBO and proposed	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional				Conditional					SERC	TLB/TAT
115	CIVIL	CIVIL-3b	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CEX. All plants the grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. It is the course of inspection, it is discovered that the work on the bing performed the discovered that the work of the project on the shall be reported inmediately to the resident engineer, the CBO, and the CPM. The project covers shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	engineer shall transmit to the CPM	conformance report to CPM and proposed	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional		Not Started							SERC	TLB/TAT
1117	CIVIL	CIVIL-3c	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2015 CBC. All plants the grading operations, for which a grading permit is required, shall be subject to inspection by the CBD. If, it has course of inspection, it is discovered that the work is not being performed accordance with the approved plant, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project comer shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance terms, and the proposed corrective action.	the NCR, the project owner shall submit the details of the corrective	Project owner shal submit details of corrective action to CBO	within 5 days of resolution of non- compliance report	Conditional				Conditional					SERC	TLB/TAT
110	CIVIL	CIVIL-3d	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 SCB. All plant site egrating operations, for which a grading permit is required, shall be subject to inspection by the CBD. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plant, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall perpare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	the NCR, the project owner shall submit the details of the corrective	Project owner shal submit details of corrective action to CBO	within 5 days of resolution of non- compliance report	Conditional		Not Started		Conditional					SERC	TLB/TAT

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120	CIVIL	CIVIL-3e	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 GEA. July last site-grading operations, for which a grading permit is required, shall be subject to inspection by the C80. 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 C80, and the CPM. The project owner shall prepare a written report, with copies to the C80 and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.		MCR	Monthly	Monthly	Date Submitted to CPM	datel) In Progress	Date Approved by CPM	CBO	CBO	submit to?	to Other agencies	Agencies	Party SERC	Manager TLB
121	CIVIL	CIVIL-4a	CONS	Final Grading Plan Approval - After completion of finished grading and ecision and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	CBO's approval of final erosion and sedimentation control and drainage work.	Final grading and drainage plans with engineer's signed statement (See Decision wording).	Within 30 days of the completion of the erosion and sediment control mitigation and drainage work (or CBO-approved alternative time frame)	5/1/2020		In Progress							POWER	TAT
122		CIVIL-4b	CONS	finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the IGBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	CBO's approval of final erosion and sedimentation control and drainage work.	Project owner shall submit copy of CBO's approval to CPM in next monthly compliance report	Upon CBO approval in next monthly compliance report	8/1/2020		Not Started							SERC	GAL
123	сом	COM-1		Unrestricted Access - The project owner shall take all steps necessary to ensure that the CPM, responsible Energy Commission staff, and delegate agencies or consultants, have unrestricted access to the facility sky related facilities, project-related staff, and the records maintained on-site for the purpose of conducting audits, surveys, inspections, or general or closure- related site visits.	Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unanonuced visits at any time, whether such visits are by the CPM in person or through representatives from Energy Commission staff, delegated agencies, or consultants.	NA	Life of the project	Conditional		In Progress		Conditional					SERC	TLB
124	СОМ	COM-10	PC/CONS/C OM/OPS	Amendments, Staff-Approved Project Modifications, Ownership Changes, and Verification Changes. The project owner shall petition the Energy Commission, pursuant to Title 20, California Code of Regulations, section 1786, to modify the design, operation, or performance requirements of the project or inear facilities, not to ransfer ownership or operational control of the facility, The CPM will determine whent staff approval will be sufficient, or whether Commission approval will be necessary. It is the project owner's responsibility to contact the CPM to determine if a proposed project change triggers the requirements of section 1769. Section 1769 details the required contents for a Petition to Amend an Energy Commission Decision. The only change that can be requested by means of a letter to the CPM is a request to change the verification method of a condition of certification.	Energy Commission's website at http://www.energy.ca.gov/siting/fi	Petition to amend, fees	Ufe of the project	Conditional	PTAB1 - Additional Laydown Area - 5/22/2019 PTAB2 SoCalias Additional Laydown Area - 8/19/2019	In Progress	6/21/2019						SERC	P2C
125	СОМ	COM-11	PC/CONS/C OM/OPS	to the start of construction or closure, the project owner shall send a letter to property owners within one	The project owner shall respond to all recorded complaints within 24 hours or the next business day. The project owner shall post the telephone number onsite and make it easily visible to passersby during construction, operation, and closure. The project owner shall provide the contact	Reports of complaints	Within 5 business days of complaint receipt, and MCR, ACR, or PCR.	Conditional	12/17/2018	Completed	1/17/2019						SERC	GAL
126	СОМ	COM-12a	PC/CONS	Emergency Response Site Contingency Plan - No less than 80 days prior to the start of construction for other Med Agropout date, the support common hall submit to the Cor CPM most appropriate the support of the Plant Section State Contingency Plan. The Contingency Plan shall evidence a facility's confined el emergency response and recovery preparedness for a series of reasonably foresexeable emergency events.	See Dedsion COM-12 for specifications	Emergency Response Site Contingency Plan	60 days before start of construction	1/21/2019	1/25/2019	Completed	1/29/2019						SERC	TLB

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5	Technical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	сом	COM-12b	COM/OPS	Emergency Response Site Contingency Plan- Subsequently, on less than 60 days prior to the start of commercial operation, the project owners 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 <b>Decision</b> 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	In Progress							SERC	DSR
127	сом	COM-13a	CONS/COM/ OPS	Incident-Reporting Requirements - The project owner shall notify the CPM within one hour after it is safe and feasible, of any incident at the facility that results in (See Decision CDM-13 for incident types that apply).	suppression; chemical, gas, or hazmat release; odorous material	Detailed Incident Report	Within 6 business days of the incident	Conditional		Not Started							SERC	GAL
129	сом	COM-13b	CONS/COM/ OPS	Incident-Reporting Requirements - The project owner shall notify the CPM within one hour after it is safe and feasible, of any incident at the facility that results in [See Decision COM-13 for incident types that apply).	submitting monthly status reports;	monthly status reports	monthly after incident	Conditional		Not Started							SERC	GAL
130	сом	COM-14	OPS	Non-Operation and Repair/Restoration Plan-No later than two weeks prior to a facility-s planned non-operation, or no later than one week after the start of unplanned non-operation, the project owners shall notify the CPM, interested agencies, and nearby property owners of this status. During non-operation, the project owners shall provide written updates to the CPM.			No later than two weeks prior to facility's planned non- operation.	6/16/2040		Not Started							SERC	DSR
131	сом	COM-15	OPS	Facility Closure Planning -No less than one year prior to closing, or upon an order compelling permanent closure, the owner shall submit a Final Closure Plan and Cost Estimate.			No less than one year prior to closing, or upon an order compelling permanent closure.	7/1/2039									SERC	DSR
132	сом	COM-2	PC/CONS/C OM/OPS	Compliance Record - The project owner shall maintain electronic copies of all project files and submittals on- site, or at an alternative site approved by the CPM, for the operational life and closure of the project.	Energy Commission staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition. Files include Final Decision; Petitions, Amendments	NA	Life of the project	Ongoing		In Progress							SERC	TLB
123	СОМ	COM-3	PC/CONS/C OM/OPS	Compliance Verification Submittals - Verification lead times associated with the start of construction may require the project owner to file submittals during AFC or amendment processing, particularly if construction is planned to commence shortly after certification. The verification procedures, unlike the conditions, may be modified as necessary by the CPM after notice to the project owner.	A cover letter from the project owner or an authorized agent is required for all compliance	Verification submittals	Life of the project	Ongoing		In Progress							SERC	GAL

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4				Revised 4/30/2019		Based on Final S	Staff Assessment					Operations						
	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
	сом	COM-4a	PC	Pre-Construction Matrix and Tasks Prior to Sart of Construction. Prior to construction, the project owner shall submit to the CPM a compliance matrix including only those conditions that must be fillfulled before the start of construction. The matrix shall be included with the project owner's first compliance submittal or prior to the first pre-construction meeting, whichever comes first, and shall be submitted in a format similar to the description below (See Decision COM-4 for specifications).	Site mobilization and construction activities shall not start until the following have occurred:  1. the project owner has submitted the pre-construction matrix and all compliance verifications pertaining to pre-construction conditions of certification,	Pre-construction matrix and pre- construction verifications	Before site mobilization	10/19/2018	9/14/2018	Completed	10/19/2018	(Ref Only) 1/7/19					SERC	GAL
134	СОМ	COM-4b		Construction. Prior to construction, the project owner shall submit to the CPM a compliance matrix including only those conditions that must be fulfilled before the start of construction. The matrix shall be included with the project owner's first compliance submittal or prior to the first pre-construction meeting, whichever comes first, and shall be submitted in a format similar to the description.	authorization-to-construct letter to the project owner.	matrix and pre- construction verifications	Before site mobilization	12/31/2018	9/14/2018	Completed	10/19/2018	(Ref Only)					SERC	GAL
136	сом	COM-5a	PC/CONS/O PS	Compliance Matrix - The project owner shall submit a compliance matrix to the CPM with each MCR and ACR.	The compliance matrix shall identify the technical area; Condition number; description of the required action or submittal; date required; expected or actual submittal date; compliance status; updated condition language, if amended, and date amended.	Compliance Matrix with MCR	Monthly with MCR and annually with ACR	Monthly		In Progress		Monthly					SERC	GAL
137	СОМ	COM-5b	PC/CONS/O PS	Compliance Matrix - The project owner shall submit a compliance matrix to the CPM with each MCR and ACR.	The compliance matrix shall identify the technical area; Condition number; description of the required action or submittal; date required; expected or actual submittal date; compliance status; updated condition language, if amended, and date amended.	Compliance Matrix with ACR	Annual Compliance Report	12/31/2020		in Progress		Annual					SERC	GAL
138	СОМ	COM-6	PC/CONS	Monthly Compliance Report - The first MCI is due one month following the docketing of the project's Decision unless otherwise agreed to by the CPM. (See Decision CDM-6 for specifications).	During pre-construction, construction, construction, or closure, the project cowner or authorized agent shall submit an electronic searchable version of the MCR to the CPM. MCRs shall be submitted each month until construction is complete and the final certificate of occupancy is issued by the DCBO.	MCR	Monthly, within 10 business days after the end of each reporting month.	Monthly	3/13/19 4/12/19 5/14/19 6/14/19 7/16/19 8/20/19 9/14/19 10/12/19 11/13/19	In Progress		5/15/19 5/15/19 5/15/19 6/17/19 7/17/19 8/14/19 9/14/19 10/14/19 11/13/19					SERC	GAL
139	СОМ	COM-7	OPS	Annual Compliance Report - After construction is complete, the project must submit searchable electronic ACRs to the CPM, as well as other periodic compliance reports (PCRs) required by the various technical disciplines.  ACRs shall be completed for each year of commercial operation and are due each year of a date agreed to by the CPM. Other PCRs (e.g. quarterly reports or	After construction is complete, submit annual compliance reports (ACR) and periodic compliance reports (PCR)	Submit searchable electronic ACR to CPM, submit PCRs required by the various technical diciplines	Annual Compliance Report	12/31/2020		Not started							SERC	DSR
140	СОМ	COM-8	PC/CONS/C OM/OPS	project owner designates as confidential shall be submitted to the Energy Commission's Executive Director with an application for confidentiality, pursuant	Any information deemed confidential pursuant to the regulations will remain undisclosed, as provided in Title 20, California Code of Regulations, section 2501 et seq.	Request for confidentiality	Life of the project	Ongoing		In Progress							SERC	SAG
141	СОМ	COM-9	PC/CONS/C OM/OPS	Annual Energy Facility Compliance Fee - Pursuant to the provisions of section 25806(b) of the Public Resources Code, the project owner is required to pay an annually adjusted compliance fee.	The initial payment is due on the date the Energy Commission dockets its Final Decision. All subsequent payments are due by July 1 of each year in which the facility retains its certification.	Annual Compliance Fee due 7/1 annually: See http://www.energy.ca. gov/siting/filing_fees.h tml	6/1/2020	Ongoing	11/8/2018 6/6/2019	in Progress	11/9/2018						SERC	GAL

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2 A	All Phase	s					,	6/30/2040				Construction						
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T F	Fechnical 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	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 (IGS) 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 all teast three references and contact information, to the Energy Commission Compliance Project Manager (ICPM) 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					<b>9</b>	JACOBS	GAL
143	CUL	CUL-1a	PC	Cultural Resources Specialist, Monitors, and Technical Specialist: The project convers thal 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 all 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.	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		Replacement CRS - See CUI-1a (CUI-1 Section D.2)	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.	information of CRS	At least 10 days working days before termination or release of the CRS	Conditional		Not Started							JACOBS	GAL
145	CUL	CUL-1b		Replacement CRS - See CUL-1a (CUL-1 Section D.2)	CPM to discuss the qualifications and approval of a short-term replacement while a permanent CRS is proposed to the CPM for consideration.	and contact information of CRS	At least 10 days working days before termination or release of the CRS	Conditional		Not Started							JACOBS	GAL
146	CUL	CUL-1c	PC	Cultural Resources Monitors and Specialists - See Cul- la (CUL-1 Section 0.3)	The CRS shall provide proof of qualifications for any anticipated CRMs, NAMs, and additional specialists for the project to the CPM.	Qualifications of CRMs and additional specialists	At least 20 days prior to ground disturbance	12/13/2018	11/16/2018 12/7/18 2/24/19 6/20/2019 7/12/19 8/26/19	Completed	12/3/2018 4/29/19 7/18/2019						JACOBS	GAL
147	CUL	CUL-1c	PC	Cultural Resources Monitors and Specialists - See Cul- 1a (CUL-1 Section D.3)	The CRS shall provide proof of qualifications for any anticipated CRMs, NAMs, and additional specialists for the project to the CPM.	Qualifications of CRMs and additional specialists	At least 20 days prior to ground disturbance	12/13/2018	11/16/2018 6/20/2019	In Progress	12/3/2018 7/18/2019						JACOBS	GAL
148	CUL	CUL-1d		Native American Monitors - See Cul-1a (CUL-1 Section D.4)	qualified NAM are unsuccessful, the project owner shall inform the CPM.	CPM documenting efforts to obtain services of a qualified NAM	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		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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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 CPN	Date Submitted to	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	CUL	CUL-1g	PC	New technical specialist - See Cul-1a - (CUL-1 Section D.6)	Owner must submit resume(s) of any technical specialist to CPM for review and approval	Submit resume(s) to CPM	At least 10 days prior to technical specialist beginning task	Conditional		Not Started							JACOBS	GAL
152	CUL	CUL-1h	PC	Availability of CRS - See Cul-1a - (CUL-1 Section D.7)	Owner must confirm in writing that the approved CRS will be available for onsite work and will implement the cultural resources conditions.	Submit letter confirming the availability of the CRS.	At least 10 days before the start of construction related ground disturbance	12/23/2018	1/8/2019	Completed	1/8/2019						JACOBS	GAL
154	CUL	CUL-1i		(CUL-1 Section D.8)	No ground disturbance shall occur prior to CPM approval of CRS and atternatives unless such activities are approved by the CPM	from CPM	No ground disturbance shall occur without approval	Conditional		Completed							JACOBS	GAL
155	CUL	CUL-1j	CONS	Discharge the CRS, after receiving approval from the CPM See Cul-1a - (CUL-1 Section A.1.2)	After all ground disturbances are completed and the CRS has fulfilled all responsibilities specified in these cultural resources conditions, the project owner may discharge the CRS, after receiving approval from the CPM.	Submit to request to the CPM to discharge the CRS	After all ground disturbances are completed and the CRS has fulfilled all responsibilities specified in these cultural resources conditions	7/2/2020		Not Started							JACOBS	GAL
****	CUL	CUL-2a	PC	Construction Maps and Drawings - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (See Decision CUI- 2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 40 days prior to the start of construction-leated ground disturbance, provide the AFC, data responses, confidential cultural resources documents, and the Energy Commission F5A to the CRS, if needed, and the subject maps and drawings to the CRS and CPM. The CPM will review submittals in consultation with the CRS and approve maps and drawings suitable for cultural resources planning activities.	Documents, maps and drawings	At least 40 days prior to the start of construction-related ground disturbance	11/23/2018	11/19/2018	Completed	12/3/2018						JACOBS	GAL
156	CUL	CUL-2b	PC/CONS	Revised Maps and Drawings - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (CUL-2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 15 days prior to the start of construction-related ground disturbance, if there are changes to any construction-related footprint, provide revised maps and drawings for the changes to the CRS and CPM.	Updated maps and drawings	At least 15 days prior to start of construction-related ground disturbance	Conditional		In Progress							JACOBS	GAL
158	CUL	CUL-2c	CONS	Construction Phasing - Prior to the start of construction related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition fice Destained CLL-2). No construction- related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	of each phase of a phased project,	Maps and drawings	At least 15 days prior to the start of a construction phase	Conditional		In Progress							JACOBS	GAL
159	CUL	CUL-2d	CONS	Construction Schedule - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (See Decision CUI-2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	Provide a schedule of the next week's project activity to the CRS and CPM	Schedule of next week's activities by e- mail, letter, or fax	Weekly during ground disturbance	Weekly		In Progress							ARB	GAL

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2	All Phase	es				1		6/30/2040				Construction						
4				Revised 4/30/2019		Based on Final S	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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
160	CUL	CUL-2e	CONS	Revised Construction Schedule - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CfS with the materials described in this condition (See Decision CU- 2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	Within 5 days of changing the schedule of phases of a phased project, provide written notice of project changes to the CRS and CPM.	Description of changes in phased project	Within 5 days of changing the scheduling of phases	Conditional									ARB	GAL
161	CUL	CUL-2f	CONS	Replacement CRS. Prior to the start of construction related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (See Decision CIL-2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	If a new CRS is appointed, provide maps and drawings (see CUI-2) to the new CRS.	Documents, maps and drawings	Within 10 days of the approval of the new CRS	Conditional									JACOBS	GAL
162	CUL	CUL-3a	PC	Cultural Resources Monitoring and Mitigation Plan (CRMMP) - Submit the Cultural Resources Monitoring and Mitigation Plan (CRMMP), as prepared by or under the direction of the CRS and as described in this condition (See Decision CUL-3), to the CPM for review and approal. Implementation of the CRMMP shall be the responsibility of the CRS and the project covers. No ground disturbance shall occur prior to CPM approval of the CRMMP, unless such activities are specifically approved by the CPM.	Upon approval of the CRS proposed by the project owner, the CPM will provide to the project owner an electronic copy of the draft model CRMMF for the CRS. At least 30 days prior to the start of ground disturbance, submit the CRMMF to the CPM for review and approval.	Draft CRMMP	At least 30 days prior to the start of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018						JACOBS	GAL
163	CUL	CUL-3b	PC	Agreement to Pay Curation Fees - See CUL-3a	At least 30 days prior to the start of ground disturbance, in a letter to the CPM, agree to pay curation fees for any materials generated or collected as a result of the archaeological investigations (survey, testing, data recovery).	agreement to pay	At least 30 days prior to the start of ground disturbance	12/3/2018	11/26/2018	Completed	12/18/2018						JACOBS	GAL
164	CUL	CUL-3c	CONS/COM/ OPS	Written Agreement with Curstion Facility. If cultural materials requiring curation were generated or collected, the project owner shall provide to the CPM a copy of an agreement with, or other written commitment from, a curation facility that meets the standards stated in the State Historic Resources Commission's SHRNG Guidelines from SHRNG Guidelines from SHRNG Lot accept the Curation of Archaeological Collections 1993, or future updated guidelines from SHRNG, to accept the cultural materials from this project. Any agreements concerning curation will be retained and available for audit for the life of the project.	provide a copy of a written agreement with a qualified curation facility.	Written agreement with curation facility	90 days after completion of ground disturbance (including landscaping)	8/1/2020		Not Started							JACOBS	GAL
165	CUL	CUL-4a	CONS/COM/ OPS	Final Cultural Resources Report - The project owner shall submit the final CRR to the CPM for approval. The final CRR that lew written by, or under the direction of, the CRS and shall be provided in the Archaeological Resource Management Report (ARM) format. The final CRR shall report on all field activities including dates, times and locations, results, sampling, and analyses. All survey reports, DPR 323 forms, data recovery reports, and any additional research reports not previously submit of the CRR research report not previously information System (CHRIS) shall be included as appendices to the final CRR.	review and approval.	Cultural Resource Report	Within 30 days of suspension of construction activities (suspended project)	Conditional		Not Started							JACOBS	GAL
166	CUL	CUL-4b	CONS/COM/ OPS	Final Cultural Resources Report - The project owner shall submit the final CRR to the CPM for approval. The final CRR shall be written by, or under the direction of, the CRS and shall be provided in the Archaeological Resource Management Report (ARM) format. The final CRR shall report on all field activities including dates, times and locations, results, samplings, and analyses. As survey reports, DRR S23 forms, data recovery reports, and any additional research reports not previously submitted to the California Historical Resources information System (CHRIS) shall be included as appendices to the final CRR.		Cultural Resource Report	Within 90 days of the completion of ground disturbance (completed project)	8/21/2020		Not Started							JACOBS	GAL
167	CUL	CUL-4c	CONS/COM/ OPS	Documentation sent to CHRIS - See Cul-4a	Provide final CRR to the California Historical Resources Information System and curation institution (if artifacts curated) and tribes requesting copies.	Cultural Resource Report	Within 10 days after approval of CRR	Conditional		Not Started							JACOBS	GAL

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4				Revised 4/30/2019		Based on Final S	taff 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 CPN	Date Submitted to	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
160	CUL	CUL-Sa	PC	Resources - Prior to and for the duration of construction related ground disturbance, provide Worker Environmental Awareness Program (WEAP) training, as	The CRS shall provide the training program draft text and/or training video, including graphics, and the informational brochure to the CPM for review and approval.	Draft WEAP	At least 30 days prior to the beginning of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018						JACOBS	GAL
100	CUL	CUL-5b	PC	WEAP training/Training Acknowledgement Form -See	This is provided by the CPM to the	Training	At least 15 days	12/18/2018		Completed							ARB	GAL
169			,	Condition CUL-5a	owner	Acknowledgement Form	before the beginning of ground disturbance											
170	CUL	CUL-5c	CONS/COM/ OPS	WEAP Training Records in MCR - See Condition CUL-Sa	Provide in the MCR the WEAP Training Acknowledgement forms of the workers who have comleted training in the prior month.	Training Acknowledgement forms for prior month in MCR and running total of all persons who have completed the training.	Monthly until ground disturbance is completed	Monthly	3/13/19 4/12/19 5/14/19 6/14/19 7/16/19 8/20/19	In Progress							SERC	GAL
171	CUL	CUL-6a	PC	Cultural Resources Monitoring, Letter to Native Americans - The project owner shall ensure that a CRS, alternate CRS, or CRMs shall be on site for all ground disturbance in areas slated for excavation into non-fill (native) sediments. See Decision for specifications on monitors and daily monitoring logs.	Notify all Native Americans on the Native American Heritage Commission's contact list of the date on which the project ground disturbance will begin.	Letter of notification	At least 30 days before the start of ground disturbance	12/3/2018		Completed							JACOBS	GAL
172	CUL	CUL-6b	PC	Cultural Resources Monitoring, Daily Monitoring Log Form - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The CPM will provide to the CRS an electronic copy of a form to be used as a daily monitoring log and information to be included in the cover sheet for the daily monitoring logs.	Daily monitoring log form and specifications	At least 30 days before the start of ground disturbance.	12/3/2018		Completed							JACOBS	GAL
173	CUL	CUL-6c	CONS/COM	Cultural Resources Monitoring, Daily Monitoring Log Submittal - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit each day's monitoring logs and cover sheet merged into one PDF document by email within 24 hours.	Daily monitoring logs	Within 24 hours of previous day's monitoring	Daily		In Progress							JACOBS	GAL
174	CUL	CUL-6d	CONS/COM	Cultural Resources Monitoring, Notification of Non- compliance Incidents - See Decision CUL-6a for specifications on monitors and daily monitoring logs.	The CRS and/or project owner shall notify the CPM of any incidents of non-compliance with the conditions and/or applicable LORS by telephone or email within 24 hours.	Notification of non- compliance incident	Within 24 hours of previous day's monitoring	Conditional	9/24/2019	In Progress	9/27/2019						JACOBS	GAL
175	CUL	CUL-6e	CONS/COM	Cultural Resources Monitoring, Daily Maps of Artifacts found - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The CRS shall provide daily maps of artifacts along with the daily monitoring logs if more than 10 artifacts are found per day, or as requested by the CPM.	Map of artifact finds (if more than 10 artifacts found)	Daily or as requested by the CPM	Conditional		Not Started							JACOBS	GAL
176	CUL	CUL-6f	CONS/COM	Cultural Resources Monitoring, Weekly Maps of Artifacts Found: See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The CRS shall provide weekly maps of artifacts along with the daily monitoring logs if more than 50 artifacts are found per week or as requested by the CPM.	Map of artifact finds (if more than 50 artifacts found or as requested by the CPM)	days after the end of	Conditional		Not Started							JACOBS	GAL
177	CUL	CUL-6g	CONS/COM	Cultural Resources Monitoring Native American Monitor Employment - See Decision for specifications on monitors and daily monitoring logs.	The project owner shall submit a copy of a request from a Native American group that a Native American Monitor (NAM) be employed.	Copy of a request by a Native American Group's request that a Native American be employed and copy of the response letter identifying the Native American monitor to the group.	Within 15 days of receiving a request from a Native American group that a NAM be employed	Conditional		Not Started							JACOBS	GAL

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2	All Phase	es .						6/30/2040				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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
170	CUL	CUL-6h	CONS/COM	Cultural Resources Monitoring, Monthly Reports - See Decksion CLL 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 CLLI-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
102	CUL	CUL-6I	CONS/COM	Cultural Resources Monitoring, Change in Daily Reporting - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for reducing or ending daily reporting.	Letter or e-mail with justification for changing or ending daily reporting	At least 24 hours prior to reducing or ending daily reporting	Conditional		Not Started							JACOBS	GAL
102	CUL	CUL-6m	CONS/COM	Cultural Resources Monitoring, Comments of Native Americans - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Copies of comments or information provided by Native Americans	Within 15 days of receiving comments from Native Americans	Conditional	2/5/2019 2/15/2019	Completed	N/A						JACOBS	GAL
103	CUL	CUL-7a	PC	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	of ground disturbance, the project owner shall provide the CPM and CRS with a letter confirming that the CRS, and tensite CRS, and CRSNs 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 notflies the ensure that the CRS notflies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery and course between 850 AM on Friday.	Letter of confirmation that the CRS, Alternate CRS, and CRMs have authority to halt ground disturbance		12/3/2018	11/1/2018	Completed	12/3/2018						JACOBS	GAL

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1	Stanto	n Energ	y Reliabi	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction		,				
	All Phase							6/30/2040				Construction						
3				Positive de l'accionne		Based on Fire L	toff Accordment			-		Commissioning	-					-
4				Revised 4/30/2019		Based on Final S	carr Assessment				<del>                                     </del>	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
	CUL	CUL-7b	CONS/COM	DPR-523 Forms (See Decision CUL-7 for specifications).	Unless the discovery can be treated prescriptively, as specified in the CRMMP,	Forms DPR 523	No later than 24 hours following the notification of the	Conditional		Not Started							JACOBS	GAL
185					completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval.		CPM, or 48 hours following the completion of data recordation/ recovery, whichever the CRS decides is more appropriate for the subject cultural resource.											
	CUL	CUL-7c	CONS/COM	Inform Native American Groups (See Decision CUL-7	The project owner shall ensure	Letter to Native	Within 48 hours of	Conditional		Not Started							JACOBS	GAL
186				for specifications).	of a discovery of interest to Native Americans, and the CRS must inform the CPM when the notifications are complete.	when notifications are complete	the discovery of a resource of interest to Native Americans											
187	CUL	CUL-7d	CONS/COM	Provide Reports and Records to Native American Groups (See Decision CUL-7 for specifications ).	The project owner shall submit to the CPM copies of the information transmittal letters sent to the chairpersons of the Native American tribes or groups who requested the information. Additionally, the project owner shall submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.		No later than 30 days following the discovery of any Native American cultural materials	Conditional		Not started							JACOBS	GAL
188	CUL	CUL-7e		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.	American comments and information in response to owner transmittals of information.	Within 15 days of receiving comments from Native Americans	Conditional		Not started							JACOBS	GAL
189	CUL	CUL-8a	CONS	Fill Solis, Borrow or Fill Site Documentation - If Ill solis must be acquired from a non-commercial dropsosal to endisposed of to a non-commercial dropsosal to endisposed of to a non-commercial dropsosal to endisposal ester. Anni Pre-vero-dis surveys of these sites for archaeological resources are provided to and approved by the CPM, the CRS shall survey the borrow or disposal sites) for cultural resources and record on DPA 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 not the methods and results of these surveys in the final CRR.		Notification to the CPM of the use of a non-commercial borrow site and documentation of previous archaeological survey.	As soon as the project of commer knows that a non-commercial borrow site will be used	3/28/2019	3/28/2019	Completed	3/29/2018						JACOBS	GAL
190	CUL	CUL-8b	CONS	Fill Soils, Cultural Resources Survey - in the absence of documentation of recent archaeological survey, at least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites, the CRS shall survey the site(s) for archaeological resources.	owner and the CPM of the results of the cultural resources survey, with	Results of the cultural resources survey and CRS recommendations for further action, if needed.	At least 30 days before any soil borrow or disposal activities take place on the non- commercial borrow/ disposal site	3/29/2019	3/29/2019	Completed	3/29/2019						JACOBS	GAL
191	ELEC	ELEC-1a	CONS	Electrical Systems Design Plans and Specifications- Phor 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, pecifications, 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)	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	Design plans, specifications, and calculations and caculations and compliance statement to CBO with copy to CPM	At least 30 days for 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 1-3.0 7/24/19 51-013 PC1 1-13.0 7/26/19 51-014 PC1	1-1.0:5/8/19 1-2.0:2/15/19 1-3.0:2/6/2019 1-4.0:2/8/19 1-5.0:3/14/19 1-5.0:3/14/19 1-7.0:3/20/19 1-9.0: 1-10:4/16/19 1-11.0 1-12:0:6/3/19 1-13.0:8/14/19 PCF				SERC	TAT

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			gy Kei	Iabii	ity Center Compliance Matrix (10-	AFC-01)			6/30/2040				Construction						
2	All Phase	S		-					6/30/2040				Construction						
4					Revised 4/30/2019		Based on Final S	taff Assessment					Operations						
5	Fechnical Resource	Cond.#	Pha	se	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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
192	GEN	GEN-1a		COM (	Prior to the start of any increment of electrical construction for all electrical equipment and systems 1.10 Volts or higher (see a representative list, below) the project owner shall south, for C80 design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design changes notices, shall remain on the site or at another accessible location for the operating life of the project. The project womer shall request that the C80 inspect the installation to ensure compliance with the requirements of applicable LORS. (See Decision ELEC-1 for specifications)  Certificate of Occupancy - The project owner shall design, construct, and inspect the project cordance with the 2016 Callifornia building standards code (C805.)	shall include in this submittat a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LOBS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.  The project owner shall submit to the CPM a statement of	Report, include: receipt or delay of major equipment, testing or energizing of major electrical equipment, and signed statement by registered electrical engineer certifying that the proposed final desing plans and specifications conform to requirements set forth by CEC decision	Monthly  Within 30 days following receipt of the certificate on Coopensy from GBO	Monthly 8/1/2020	3/13/19 4/11/19 5/14/19 5/14/19 7/17/19 8/14/19 9/15/19 10/14/19 11/14/19 12/15/19	In Progress  Not started							SERC	TAT
193					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	attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy	engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LONS and the Energy Commission's decision have been mer in the area of facility design to CPM	occupancy from CBO											
194	GEN	GEN-1b	CONS/		design, construct, and inspect the project in accordance with the 2016 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the (see Decision for list of codes) and all other applicable engenering LOSIs 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 that all the provisions of the above applicable codes.	verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy	A copy of the Certificate of Occupancy to CPM	Within 30 days of following receipt of the certificate of occupancy from CBO	8/1/2020		Not Started							SERC	GAL

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	Stanto	n Energ	gy Re	liabil	lity Center Compliance Matrix (16-	-AFC-01)							Pre- Construction						
	All Phase				,				6/30/2040				Construction						
3				=	Desired African		Based on Final S	toff Accordment			-		Commissioning						
4			+		Revised 4/30/2019		Based on Final S	tan Assessment					Operations						
5	Technical Resource	Cond.#	Ph	ase	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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	GEN	GEN-1c	0		design, construct, and inspect the project in accordance with the 2016 callfornia Bullding Standards Code (CBSA) also known as Title 24, California Bullding Standards Code (CBSA) which encompasses the (see Dedding for Fist of close) and all other applicable engineering LDSS in effect at the time initial design plans are submitted to the CBD 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, pages and construction, addition, alteration, moving (onsite), demolition, repair commitments or maintenance of maintenance	been issued, the project owner shall inform the CPM at least 30 dyas prior to any construction, addition, alteration, moving, demolition, repair, or maintenance to be performed on any portion(s) of the completed facility that	Notice of construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Inform the CPM within 30 days port of any construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Conditional		Nor Started	a company of the						SENC	DSR
195	GEN	GEN-2a	E		Lists - Before submitting the initial engineering designs for COB oreiwe, provide the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list, as specified in this condition (See Decision GEV-2). The schedule shall contain the date of each submittal to the CBO. To facilitate audits by Energy Commission staff, provide specific packages to the CPM upon request.	owner- and CBO-approved atternative time frame) prior to the start of rough grading, submit to the CBO and to the CPM the schedule, and the master drawings and master specifications is tof documents to be submitted to the CBO rer review and approval. These documents shall be the pertinent design documents for the major structures, systems, and equipment defined in this condition. Major structures and equipment shall be added to or deleted from the list only with CPM approval.		At least 60 days prior to the start of rough grading.	11/3/2018	11/2/2018	Completed	11/20/2018	2.1 Updated Sched of Dwgs, Equip & Sub1/18/2019	2.1 Approved 1/23/19				POWER	TAT
	GEN	GEN-2b	PC/0	CONS	Updates to Drawings and Lists - See GEN-2a	Provide Updates to Schedule of Drawings and Specification Lists updates in the MCR	Schedule updates	Monthly	Monthly		In Progress		1/18/2019	1/23/2019				SERC	GAL
19/	GEN	GEN-3a	a	М	the Energy Commission delegates the CBO function to a third party or local agency, the project owner, at the Energy Commission's direction, shall make payments directly to the DEO based upon a fees chedule negotiated between the Energy Commission and the DEO. These fees may be consistent with the fees listed in the 2016 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	required payments to the CBD in accordance with the agreement. The project owner shall send a copy of the CBD's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	payments	Monthly	Monthly		In Progress		Monthly					SERC	RRF/JLI
199	GEN	GEN-3b	PC/Ci	М	Payment of CBO - Make payments to the CBO (made to the Energy Commission) for design relevel, palar checks, and construction inspections and other applicable CBO activities, based on a reasonable fee schedule to be negotiated between the project owner and the CBO. If the Energy Commission delegates the CBO function to a third party or local agency, the project owner, at the Energy Commission's direction, shall make payments directly to the DEO based upon a fee schedule negotiated between the Energy Commission and the CBO. These fees may be consistent with the fees listed in the 2016 CBC, adjusted for inflation and other appropriated adjustments, may be based on the value of the facilities reviewed; may be based on hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of	Copy of CRD's Receipt of Payment with the MCR	Monthly	Monthly		In Progress							SERC	GAL

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1	Stanto	n Energ	y Reliabi	lity Center Compliance Matrix (16	-AFC-01)							Pre-Construction						
	All Phase		ĺ	·				6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final S	taff 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 Approved by CPM	Date Submitted to	Date Approved by	Other Agencies to	Date Submitted	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
200	GEN	GEN-4a	PC	Resident Engineer - Prior to the start of rough spraling, assign a California - registered architect, or a structural or child engineer, as the resident engineer (RE) in charge of the project. The RE or highter delapset(s) shall be responsible for the elements listed in this condition (see Decision GEN-4).	rough grading, submit to the CBO	RE Resume & Registration Number	At least 30 days prior to the start of rough grading	12/3/2018	1/18/2019	Completed	N/A	Coo		300	to out ognice	Agentes .	SERC	TAT
201	GEN	GEN-4b	PC/CONS	Approval of RE - See GEN-4a	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	12/8/2018	1/18/2019	In Progress							SERC	TAT
202	GEN	GEN-4c		Approval of Newly Assigned RE - See GEN-4a	Submit new resume and registration number CBO for review and approval	Notification to CBO	Within 5 days of receiving the new resume and registration number	Conditional		Completed		Power: 12/24/2018 Jacobs: 12/24/2018 2/6/19 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 2/12/19 NV5: 3/4/2019				SERC	TAT
203	GEN	GEN-4d	PC/CONS	Notification of Newly Assigned RE - See GEN-4a	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	Conditional	2/6/2019	In Progress							SERC	GAL
204	GEN	GEN-5a	PC	to construction, assign at least one of each of the California registered engineers listed in this condition (See Decision GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist	to the start of rough grading	12/3/2018		Completed		Power: 12/26/2018 Jacobs: 1/16/2019 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 3/4/2019				SERC	TLB
205	GEN	GEN-5b	PC	Approval of Responsible Engineers - See GEN-Sa	Notify the CPM of the CBO's approvals of the Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist within five days of the approval.	Notification to CPM	Within 5 days of the approval	12/8/2018	1/18/2019 4/11/2019	In Progress							SERC	TLB
206	GEN	GEN-5c	PC	Registered Engineers - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See Decision GEA-1) to the project. The duties of the engineers are outlined in this condition. These include cities (engineers, are (specific engineers, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineers.	At least 30 days for project owner- and CBO-approved alternative time framel prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for responsible design engineer, mechanical engineer, and electrical engineer	At least 30 days prior to the start of construction	1/5/2019		Completed		Power: 12/26/2018 Jacobs: 1/16/2019 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 3/4/2019				SERC	TLB
207	GEN	GEN-5d	PC	Approval of Responsible Engineers - See GEN-Sa	Notify the CPM of the CBO's approvals of theresponsible design engineer, mechanical engineer, and electrical engineer within five days of the approval.	Notification to CPM	Within 5 days of the approval	1/18/2019	2/14/2019	Completed							SERC	TLB
208	GEN	GEN-5e	CONS	Reassignment of Designated Engineer - See GEN-5a	Notify the CPM and CBO if a designated responsible engineer is reassigned or replaced.	Engineer Resumes and registration number	Within 5 days of re- assignment	Conditional		Not Started		Conditional					SERC	GAL/TAT
209	GEN	GEN-5f	CONS	Approval of Replacement Engineers - See GEN-5a	Notify the CPM of the CBO's approvals of the reassigned engineers within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional	4/11/2019	Completed	4/11/2019						SERC	GAL
210	GEN	GEN-6a	CONS	Special Inspector Assignment - Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspections required by the 2016 CBC. A certified weld inspections required by the 2016 CBC. A certified weld inspections required by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). (See Decision GEN-6 for additional specifications)	Assign certified and qualified special inspectors for special inspectors for special inspections required by the 2016 CBC.	Submit names and qualifications of certified special inspectors to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing		In Progress		PC1: 1/16/19 PC2: 1/28/19 6-1.110 8/15/19 6-2.1.6 8/16/19 6-3 10/14/19 6-4.0 PC1 12/12/19	PC1: 1/17/19 PC2: 1/29/19 6-3: 10/16/19 6-3: 10/16/19 6-1.1: 0.8/16/19 6-4.0 PC1 12/17/19				ARB	TLB

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	All Phase		,	(20				6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final S	taff 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
211	GEN	GEN-6aa	CONS	Special Inspector Assignment - Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspectors (s) who shall be responsible for the special inspections, certified by the 2016 CEO. A certified weld inspection, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). (See Decision GEN-6 for additional specifications) Approval of Inspectors - See GEN-6a	Assign certified and qualified special inspectors for special inspectors for special inspectors required by the 2016 CBC.  Submit a copy of the CBO's	Copy to the CPM the names and qualifications of certified special inspectors submitted to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing		In Progress							ARR	TLB
212	GEN	GEIN-OD	CONS	Approval of Inspectors - See GEN-6a	approval of inspectors	approvals in the MCR	Worthly	Monthly		III Progress							ARB	ILB
213	GEN	GEN-6c	CONS	Reassignment of Inspectors - See GEN-6a	Notify the CPM and CBO if a designated special inspector is reassigned or replaced.	Names and qualifications of certified special inspectors to the CBO for approval	Within 5 days of re- assignment	Conditional		Not Started		Conditional						TLB
214	GEN	GEN-6d	CONS	Approval of Replacement Inspectors -See GEN-6a	Notify the CPM of the CBO's approvals of the new special inspectors within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional		Not Started							ARB	TLB
215	GEN	GEN-7a		Design Discrepancy Correction - It any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recomment equipmed corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition of certification and, if appropriate, applicable sections of the CBC and/or other LORS.	Transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the monthly compliance report.	Copy of CBO's approval in the MCR	Monthly	Monthly		Not Started							SERC	GAL
216	GEN	GEN-7b	CONS/COM	Notification of Correction Disapproval - See GEN-7a	If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	Notify CPM and provide revised corrective action	Within 5 days of CBO disapproval of corrective action	Conditional		Not Started							SERC	GAL
217	GEN	GEN-8a	CONS	CBO inspection and Approval - The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM atter obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site, or at another accessible location, during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-bull shall be provided to the CBO for retention by the CPM.	the CBO, with a copy to the CPM in the next monthly compliance report, After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.			Conditional		In Progress							SERC	GAL
218	GEN	GEN-8aa	CONS	CBO Inspection and Approval - The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site, or at another accessible location, during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as built shall be provided to the CBO for retention by the CPM.	the CBO, with a copy to the CPM in the next monthly compliance report, After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	the submittal to the CBO a written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved	Monthly as completed	Monthly		In Progress								
219	GEN	GEN-8b	CONS	Plan and Specification Storage - See GEN-8a	After storing the final approved engineering plans, specifications, and calculations described above, submit a letter to the CPM.	Letter stating both that the documents have been stored and the storage location of those documents.	After storage is in place	Conditional		Not started							SERC	GAL
220	GEN	GEN-8c	CONS	Plan and Specification Archive Copies- See GEN-8a	The project owner shall provide to the CBO three sets of electronic copies of the engineering plans, specifications, and calculations at the project owner's expense.		Within 90 days of the completion of construction	8/21/2020		Not Started							SERC	TAT

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1	Stanto	n Energ	y Relial	oility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	es						6/30/2040				Construction	-					
3				Revised 4/30/2019		Based on Final S	taff Assessment					Commissioning						
~				Neviseu 4/30/2013								Орегацонз						
5	Technical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due 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
221	GEO	GEO-1a	PC	Soils Engineering Report - A Soils Engineering Report, as required by Section 1803 of the California Building Cod (CBC, 2016), or its successor in effect at the time construction of the project commences, shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity, liquefaction, dynamic compaction; compenseiso soils; corrosive soils; and ground rupture due to faulting, in accordance with the CBC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potential geologic hazards, if present). In accordance with the California Business and Protessions Code, the appropriate qualified California licensed individual(s) is required to sign and seal the Soils Engineering Report.	the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; ethication; et	Soils Engineering Report, application for grading permit to CBO for comments	90 days before grading	11/3/2018		Completed		1-1.0-1//19	1-1.0: 2/J/19 1-4.0: 2/J/19				NVS	ТАТ
222	GEO	GEO-1b	PC	Soils Engineering Report - A Soils Engineering Report, as required by Section 1803 of the California Building Cod (CBC, 2016), or its successor in effect at the time construction of the project commences, shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity, liquefaction, dynamic compaction; compressible soils; crossive soils; and ground rupture due to faulting, in accordance with the CBC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potential geologic hazards, if present). In accordance with the California Business and Protessions Code, the appropriate qualified California licensed individual(s) is required to sign and seal the Soils Engineering Report.	the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils: and ground rupture	Soils Engineering Report, application for grading permit, and	60 days before grading	12/3/2018	11/2/2018	Completed	11/26/2018						SERC	GAL
223	HAZ	HAZ-1	OPS	Hazardous Materials Management - The project owner shall not use any hazardous materials not listed in Appendix 8, below, or in greater quantities or strenghts than those identified by chemical name in Appendix 8, below, unless approved in advance by the compliance project manager (CPM).		Materials Business	Annual Compliance Report	12/31/2020		Not Started							SERC	DSR
224	HAZ	HAZ-2a	CONS	IMMP and SPCC - The project owner shall concurrently provide a Hazarous Materials Busines 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 Hazarous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	material on the site for commissioning or operations, the project owner shall provide a copy of the HMBP and SPCC to the CPM for review.	HMBP, SPCC and RMP to CPM for review	Approximatly 60 days before receiving hazardous materials on site	7/20/2019	8/2/2019	Completed	9/12/2019 10/14/19	1-1.08/6/19 PC1 2-3.08/6/19 PC1	10/16/2019				SERC	DSR
225	HAZ	HAZ-2aa	CONS	HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Furiornmental Health Division (OCE-DI) 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 Hazardows Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	material on the site for commissioning or operations, the project owner shall provide a copy of the HMBP and SPCC to the CPM for review.	HMBP, SPCC and RMP to CPM for review	Approximatly 60 days before receiving hazardous materials on site	7/29/2019		Completed				OCEHD	8/2/2019			

		В	С	D	E	F	G	Н	1	J	K	0	Р	Q	R	S	T	U
1	Stanto	n Energy	Reliabi	ility Center Compliance Matrix (16-	-AFC-01)							Pre- Construction						
2	All Phase	s						6/30/2040				Construction						
3						Based on Final 6	Staff Assessment					Commissioning						
5	Technical Resource	Cond.#	Phase	Revised 4/30/2019  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	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 profide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Counterneasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Furtormental 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 hiAMB 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 Furtormental Health Division (OCHD) 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 hiAMB and SPCC to the CPM for approval.	HMBP and SPCC to OCEHD for review	At least 30 days before receiving hazardous materials on site	7/29/2019		Completed				OCEHD	9/24/2019	7-Nov		
228	HAZ	HAZ-2b	CONS	Final Risk Management Plan - See HAZ-2a			At least 30 days 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-Za	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.		At least 30 days before delivery of aqueous ammonia on site	10/20/2019		Completed		10/24/2019	10/16/2019				SERC	DSR
230	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-Za	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.		At least 30 days before delivery of aqueous ammonia on site	10/20/2019		Completed				OCEHD	10/24/2019	7-Nov		
231	наz	HAZ-3	CONS/COM	Agueous 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.	delivery of any liquid hazardous	Safety Management Plan to CPM	At least 30 days as 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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			y Reliabi	lity Center Compliance Matrix (16-	-AFC-01)							Pre- Construction						
2	All Phase	S				1		6/30/2040				Commissioning						
4				Revised 4/30/2019		Based on Final S	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	СВО	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
232	HAZ	HAZ-3a	CONS/COM	Aqueous Ammonia Safety Management Plan - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by Inaket truck. The plan shall include procedures, protective equipment requirements, ratining, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain lockout control by a power plant employee not involved in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	Safety Management Plan to CBO	At least 30 days before delivery of any liquid hazardous material to the facility			Completed		9/30/2019	10/15/2019				SERC	DSR
233	HAZ	HAZ-4	CONS	Ammonia Storage Tank Dealgn - The squeous ammonia storage facility shall be designed to the ASME Code for Unifred Pressure Vessels, Soction VIII, Division 1. The storage tank that be protected by a secondary containment that drains to an underground vault via (3) 1.25 square foot openings capable for 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.	final design drawings and specifications for the ammonia storage tank, ammonia pumps, ammonia detectors around the ammonia storage tank, secondary containment basin, and	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 (600 approval transmitted to CPM)	Completed	4/30/2019	3/14/2019 (reference only)	4/29/2019				POWER	GAL
234	HAZ	HAZ-S	CONS	Transport Vehicle Specifications - The project owner shall direct all vendors delivering aqueous ammonia to the site to use only valnear 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	Hazhlat Transport Route Restrictions - Prior to initial delivent, the project owner shall effect rendors delivering but (quantities   5000 gallons per delivery) of hazardous material (e.g., aupeus ammonia, lubricating and insulating oils) to the site to use only the route approved by the CPM (from State Route 91, exiting on Boach Boulevard and traveling south to Katella Avenue, then east on Katella Avenue and then left and head north on Dale Avenues to the Stanton entrance). The project owner shall obtain approval of the CPM if an alternate route is desired.	The project owner shall submit a copy of the letter containing the route restriction directions that were provided to the heazerdous materials wender to the CPM for review and approval.	Copy of the letter containing route restriction directions for hazardous materials vendor.	At least 60 days prior to initial receipt of bulk quantities (>800 gallons per delivery) of hazardous materials (e.g., aqueous ammonia, lubricating and insulating oils)	10/20/2019	8/7/2019 9/30/2019	Completed	8/22/2019 10/8/19	8/22/2019	8/30/2019	GE Prolec Hill Bro AirGas	8/7/2019 9/30/2019 9/30/2019	8/7/2019	SERC	GAL
236	HAZ	HAZ-6b	CONS/OPS	Route Restrictions, New Vendor - See HAZ-6a	The project owner shall submit a copy of the letter containing the route restriction directions that were provided to any new designated hazardous materials vendor to the CPM for review and approval.	Copy of the letter containing route restriction directions for the new hazardous materials vendor.	At least 10 days prior to a new vendor delivery of bulk quantities (>800 gallons per delivery)	Conditional		Not Started		(Ref Only) Conditional					SERC	GAL
230	HAZ	HAZ-7	PC	Construction Site Security Plan - Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. (See Decision HAZ-7 of six items/specifications).	At least 30 days prior to commencing construction, notify the CPM that a site-specific Construction Security Plan is available for review and approval.	Site-specific Construction Security Plan	At least 30 days prior to commencing construction	12/3/2018	11/20/2018	Completed	1/25/2019	1/21/2019	1/28/2019				SERC	GAL

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Н	Stanto	n Fnerg	v Rel	iabil	ity Center Compliance Matrix (16-	AFC-01)	· ·	G			,		Pre- Construction	ŕ	ų.	K	,		U
2	All Phase		,,		, compliance mank (10-		I	1	6/30/2040				Construction		<b> </b>				
3	ann nesse			-									Commissioning						
4					Revised 4/30/2019		Based on Final	Staff Assessment					Operations						
5	Technical Resource	Cond.#	Pha	ise	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 Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	HAZ	HAZ-8a	CONS	a a F t t r i i	Operations Site Security Plan - The project owner shall bot prepare a site specific security plan for the commissioning and operational phases that would be walkalle 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 mylemented shall not be less than that described seeking specific solutions of the Electricity is continued to the security of the Electricity is described by the Electricity is continued to the Electricity is continued to the Electricity is continued to the Electricity is continued to the Electricity is continued to the Electricity is continued to the Electricity is continued to the Electricity is continued to the Electricity is a second of the Elect	The project owner shall notify the CPM that a site-specific operations site security plan is available for review and approval.	Operations Security Plan	At least 30 days prior to the initial receipt of hazardous materials on site	7/20/2019	4/30/2019 (Castle Spike Topper Only) 8/9/2019 9/18/2019	Completed	5/16/2019 (Castle Spike Topper Only) 8/9/2019 11/26/2019						SERC	GAL
230	HAZ	HAZ-8b	OP	a a f t t r i t	Operations Site Security Plan - The project owner shall be operagine a site-specific security plan for the commissioning and operational phases that would be wallable to the CPM for review and approval. The royect owner shall implement site security measures that address physical site security and hazardous naterials storage. The level of security to to be mplemented shall not be less than that described below lase PREA Security Guideline for the Electricity sector: Physical Security 2.0, See Dedsion HAZ-8 for nine Rems/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 in Acqual actions are all current hazardow materials transport vendor certifications for security plans and employee background investigations		Annual Compliance Report	12/31/2020		Not Started							SERC	GAL
239	HAZ	HAZ-9	CONS	a b c c c c c c c c c c c c c c c c c c	pigging, shall be used as per the latest edition of NFPA	The project owner shall submit a copy of the Fuel Gas Pipe Cleaning Work Plan (as described in the 2014 NPA 56, section 4.1.) which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurfization, and whether a mechanical Pla will be used, the source of the CBO for information and to the CBO for information and to the CPM for review and approval.		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
241	MECH	MECH-1a	COI	t c c c c c c c c c c c c c c c c c c c	Nam Figing and Plumbing System Plans. The project owners shall submit, for COD design review and approval, he proposed final design, specifications, and calculations for each plant major pinging and plumbing system listed in the CBO-approved master drawing and master specifications list. The submit als hall also include the applicable quality assurance/ quality control OA/CQI procedures. Upon completion of construction of any submit project on the project owner shall request the CBO's inspection project owner shall request the CBO's inspection approval of that construction. The responsible mechanical engineer shall strain paid sign all plans, frawings, and calculations for the major piping and pubming systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have seen designed, flabricated, and installed in accordance with all of the applicable laws, ordinance, regulations and industry standards. (See Decision MECH-1 for pecifications)	stamped statement from the responsible mechanical engineer	specifications, and calculations and certification of	At least 10 days (or project owners, and CRO-approved alternative time frame) prior to the start of any increment of major piping construction listed in the CRO-approved master drawing and master specifications list	Ongoing		in Progress		1.1: 2/8/2019 1.2: 2/8/19 1.3: 2/11/19 1.4: 3/1/19 1.5: 4/4/19 1.6: 6/10/19 1.7: 6/10/19 1.7: 6/20/19 1.4: 0.5/31/19 1.6: 0.5/31/19	11:2/26/19 12:5/16/19 13:5/7/19 14:3/11/19 14:3/11/19 16:6/10/19 PC1 16:6/25/19 PCF 17/16/19 PCF 1-4.06/19/19 PCF				Power	TAT

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Н	Stanto	n Fnera	v Reliah	ility Center Compliance Matrix (16	-ΔFC-01)		,		<u> </u>	,		Pre- Construction	·	<u> </u>	^		-	
	All Phase		y nenau	inty center compnance matrix (10	A. C 01/	l	-	6/30/2040			<del>                                     </del>	Construction						$\vdash$
3	All Phase	es						0/30/2040				Commissioning						
4				Revised 4/30/2019		Based on Final S	staff Assessment					Operations						
5	Technical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due 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
242	MECH	MECH-1b		approval of that construction. The responsible mechanical engineer shall stamp and sign all plans, drawings, and cakculations 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)	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.	of the transmittal letter in the next monthly compliance report.	Monthly Compliance Report (one time)	Monthly		In Progress							SERC	GAL
243	MECH	MECH-1c	CONS	CBO Approvals, Piping and Plumbing - See MECH-1a	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Copy of transmittal letters and copies of CBO inspection approvals in MCR.	Monthly	Monthly		In Progress							SERC	GAL
244	месн	MECH-2a	CONS	the CBO and California Occupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by applicable LOBA. Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA impaction of that installation. (See Decision MECH-2 for additional specifications).	signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	design review and approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	project owner- and CBO-approved alternative time frame) prior to the start of on-site fabrication or installation of any pressure vessel the project owner shall submit to the CBO for design review and approval, the above issued documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	11/9/2019		Not Started		9/27/2019	2-1.0 PC1 10/16/19				Power	TAT
245	MECH	MECH-2b	CONS	installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by applicable LORS. Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of that installation. (See Decision MECH-2 for additional specifications).	approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	transmittal letter to the CPM of the Design documents to CBO	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of on-site fabrication or installation of any pressure vessel	11/9/2019	10/26/2019	Completed								
246	MECH	MECH-2c	CONS	CBO and Ca-l-OSHA Inspections and Approvals, Pressure Vessels, MCR - See MECH-2a	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals.	Transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals	Monthly	Monthly		Not Started							SERC	GAL

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1	Stanto	n Energ	y Reliab	lity Center Compliance Matrix (16	-AFC-01)			-		·		Pre- Construction						
	All Phase		ĺ	· ·				6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final S	taff Assessment					Operations						
5	Technical Resource MECH	Cond. #	Phase PC/CONS	Description  HVAC Plans - The project owner shall submit to the CBO	Verification/Action/Submittal  The project owner shall submit to the CBO the required HVAC and		Date Submittal is Required  At least 30 days (or	Due Date 10/7/2019	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))  Completed	Date Approved by CPM	3-1.0 7/10/19 PC1	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 JBM
247				for design review and approval the design plans, specifications, actualities, and quality control procedures for any heating, eventilating, air conditioning (HVAC) or refrigeration system. Psclaged HVAC systems, where used, shall be identified with the appropriate manufactures' data sheets. (See Dedsion MECH-3 for additional specifications).	the us the required HVXL and refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	and specification, and statement of compliance to CBO	project owner- and CBO-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system					3-1.7 //o/19 PCI 3-1.3 7/d/19 PCI 3-1.3 7/d/19 PCI 3-1.4 7/h0/19 PCI 3-2.0 7/is/j9 PCI 3-2.1 7/h0/19 PCI 3-2.2 7/is/j9 PCI 3-2.2 7/is/j9 PCI 3-2.3 6/25/j9 PCI 3-2.5 4/4/19 PCI						
248	МЕСН	MECH-3b		HVAC Plans - The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. (See Decision MECH-3 for additional specifications).	the CBO the required HVAC and refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	and specification, and statement of compliance to CBO, with a copy of the transmittal letter to the CPM	At least 30 days (or project owner- and SPM-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system	10/7/2019	10/25/2019	Completed	9/16/19 CEMS 10/7/19 PDM CM SPM						SERC	JBM
249	NOISE	NOISE-1a	РС	Public Notification Process - Prior to the start of ground disturbance, the project owner shall notify all residents within one mile of the project site and one-half mile of the linear facilities, by mail or by other effective means, of the commencement of project construction. At the same time, the project cowner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project. If the telephone is not staffed 24 hours a day, the project cowner shall include an automatic answering feature of the staffed 24 hours a day, the project with date and time stamp recording, to answer calls when the phone is unattended. This telephone number shall be posted at the project site during construction where it is visible to passersby. This telephone number shall be maintained until the project has been operational for at least one year.	to the CPM a statement, signed by the project owner's project manager, stating that the notification to residents within one mile of the project has been performed, and describing the method of that notification.		At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/17/2018						JACOBS	GAL
250	NOISE	NOISE-1b	PC	Telephone Number Confirmation - See NOISE-1a	Transmit to the CPM a statement, signed by the project owner's project manager, stating that the telephone number has been established and posted at the site, and providing that telephone number.	the telephone number	At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/21/2018						SERC	GAL
251	NOISE	NOISE-2a	CONS/COM/ OPS	Noise Complaint Process - Throughout the construction and the full term of operation, including facility closure, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. See Decision NOISE-2 for specifications.	File with the CPM a Noise Complaint Resolution Form that	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	4/9/2019	4/9/2019	Completed	4/9/2019						SERC	GAL
252	NOISE		CONS/COM/ OPS		is not resolved within three business days, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Resolution Complaint Form	When the mitigation is implemented	Conditional		In Progress							SERC	GAL
253	NOISE	NOISE-3	PC	and Title 29, Code of Federal Regulations, Section 1910.95.	of ground disturbance, submit the noise control program to the CPM.	Noise Control Program	to the start of ground disturbance	12/3/2018	11/20/2018	Completed	1/3/2019	1/15/2019 (Ref Only)	1/18/2019				SERC	GAL
254	NOISE	NOISE-4a	COM/OPS	Operational Noise Survey - The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the noise levels due to the project operation alone do not exceed an hourly average exterior noise level of 49 dBA measured at monitoring location LT1 and 43 dBA measured at monitoring location LT2. See Dedsion NOISE-4 for further specifications.	Conduct the operational noise survey	Conduct the operational noise survey	Within 30 days of achieving a sustained output of 85 percent of rated capacity	7/1/2020		Not Started							Innova	DSR

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	'echnical 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 Submitted to	Date Approved by	Other Agencies to	Date Submitted	Date Approved by Other	Responsible	SERC Project
5	NOISE	NOISE-4b	COM/OPS	Noise Survey Summary Report - See NOISE-4a	Prepare a summary report of the operational noise survey for submittal to the CPM. Included in the survey report shall be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures.	Summary report of the operational noise survey to the CPM	Within 15 days after the survey	7/15/2020	Date Submitted to CPM	date), more date)) Not Started	Date Approved by CPM		CBO	submit to?	to Other agencies	Agencies	Party Innova	Manager DSR
255	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		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 survey are survey - Following the project of the standard capacity, the project owner shall conduct an occupational noise survey to identify any noise hazardous areas within the power plant. The successful control of the survey of the s	The project owner shall submit the noise survey report to the PM. The project owner shall make the report variable to GSHA and Cal-OSHA, and Cal-OSHA.  and Cal-OSHA.	Submit to the CPM a summary report of the new noise survey		7/1/2020		Not Started		(Ref Only)					Innova	DSR
258	NOISE	NOISE-6	PC	Construction Noise Restrictions - Heavy equipment operation and noisy construction work, including pile driving, shall be restricted to the time sellenated in into 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. Hault 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 wibration complaints. The project owner shall notify the residents in the vicinity of pile driving prior to start of pile driving activities.	The project owner shall submit to the CPM a description of the pile driving technique to be employed, including calculations showing its projected noise impacts at monitoring location LT1.	Description of the pile driving technique to be used	At least 15 days prior to first pile driving	Conditional		Not Started		(Ref Only) Condional					SERC	GAF
	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 amy project-related noise and vibration complaints as much as practicable. The project owner shall submit a copy of this confidential to the CPM prior to the start of pile driving.	residents within one	At least 10 days prior to first pile driving	Conditional		Not Started		(Ref Only) Condional					JACOBS	GAL
260	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).		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).	disturbance, provide a letter with	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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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
263	PAL	PAL-1c	PC/CONS	Certify additional PRMs (See PAL-1)	PRS shall provide additional letters and resumes to the CPM if needed.	PRM Resumes & Quals	No later than one week before beginning site duties.	Conditional	6/14/2019 6/17/2019(Campbell) 7/9/2019 (Serrano) 8/20/19 9/3/2019 9/23/19 By Paleo West (D Alexander) 10/9/19	In Progress	6/17/2019 6/17/2019 (Campbell) 7/11/2019 (Serrano) 8/20/19 9/5/19 9/25/19 (Alexander) 10/9/19						JACOBS	GAL
264	PAL	PAL-1d	PC/CONS	Replacement PRS (See PAL-1)	Prior to any change of the PRS, project owner shall submit resume of proposed new PRS to CPM for review and approval	PRM Resumes & Quals	No time specified.	Conditional	2/27/2019	Not Started	2/27/2019						JACOBS	GAL
265	PAL	PAL-2a		proceeds in phases, maps and drawings may be submitted prior to the start of each phase. A letter identifying the proposed schedule of each project phase shall be provided to the PRS and CPM. The PRS or PRM shall consult weekly with the project superintendent or construction field manager to confirm area(s) to be worked the following week.	At least 30 days prior to the start of ground disturbance, provide the maps and drawings to the PRS and CPM.	Maps and drawings	At least 30 days prior to the start of ground disturbance	12/3/2018	11/26/2018	Completed	12/21/2018						JACOBS	GAL
266	PAL	PAL-2b	PC	Revised Maps and Drawings - if the footprint of the project or its linear facilities change, the project owner shall provide maps and drawings reflecting those changes to the PRS and CPM.	If there are changes to the footprint of the project, revised maps and drawings shall be provided to the PRS and CPM at least 15 days prior to the start of ground disturbance.	Maps and drawings	At least 15 days prior to the start of ground disturbance	Conditional		Not Started							JACOBS	GAL
267	PAL	PAL-2c	PC/CONS	Schedule Changes - Before work commences on affected phases, the project owner shall notify the PRS and CPM of any construction phase scheduling changes.	If there are changes to the scheduling of the construction	Schedule information	Within 5 days of identifying the changes	Conditional		Not Started							SERC	GAL
268	PAL	PAL-3a	PC	Paleontological Resources Monitoring and Miligation Palen (PRMMP) - paleontological resources monitoring and miligation 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.	disturbance, provide a copy of the	PRMMP	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018	Completed	1/14/2019						JACOBS	GAL
269	PAL	PAL-3b	PC	Paleontological Resources Monitoring and Mitigation Plan (PRMMP) - An aleotrological resources monitoring and mitigation joaln (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.	disturbance, provide a copy of the	CPM Approval of PRMMP	Prior to ground disturbance	1/19/2019	11/1/2018	Completed	1/14/2019						SERC	GAL
270	PAL	PAL-4a	PC	Worker Environmental Awareness Program. Paleentological Resources – Prior to ground disturbance and for the duration of construction activities moving ground disturbance, as described in this condition (See Decktion PA-L) prepare and conduct weekly CPVA-approved paleentological resources training characteristics of the 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.		At least 30 days prior to ground disturbance	1/19/2019	11/1/2018	Completed	11/9/2018						JACOBS	GAL
271	PAL	PAL-4b	PC	Final WEAP - See PAL-4a	The project owner shall submit to the CPM for approval the final WEAP and training script. If the project owner is planning to use a video for training, a copy of the training wideo 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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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
	PAL	PAL-Sa	CONS/COM	WEAP Training Documentation/MCR: No worker shall execute or perform any ground distrubance excitively prior to receiving CPM-approved WEAP training by the PRS, unless specifically approved by the CPM. (See Decision PAL-5 for further specifications).	In the Monthly Compliance Report (MCR), the project owner shall provide copies of the WEAP certification of completion forms with the names of those trained, trainer identification, and type of training (in-person and/or video) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	MCR, number of personnel trained during the reporting period, and total number of personnel	Monthly	Monthly		In Progress							ARB	GAL
272	PAL	PAL-5b	CONS/COM	Alternate WEAP Trainer - See PAL-Sa	If the project owner requests an alternate paleontological WEAP trainer, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval prior to installation of an alternate trainer. Alternate trainers shall not conduct WEAP training prior to CPM authorization.	Resume and qualifications of WEAP trainer	Before installation of the alternate trainer	Conditional		Not started							ARB	GAL
213	PAL	PAL-6a	CONS	Paleontological Monitoring - The project owner shall ensure that the PRS and PRM(s) monitor, consistent with the PRMMP, all construction-related grading and exacation in areas where potential fossil-bearing materials have been identified, both at the site and along any constructed linear facilities associated with the project. In the event that the PS determines full-time monitoring is not necessary in locations that were identified so potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM. The PS may not further delegate the responsibility for determining whether full-time monitoring is necessary. (See Decision PAL-6 for specifications)	A copy of the daily monitoring log of palentological resource activities shall be included in the monthly compliance report (MCR).	and summary of monitoring activities	Monthly	Monthly		in Progress							JACOBS	GAL
274	PAL	PAL-6b	CONS	Notification of Change in Monitoring - See PAL-6a	The project owner shall ensure that the PRS submits the summary of monitoring and palenotiogical activities in the MCR. When fessible, the CPM shall be notified 15 days in advance of any proposed changes in monitoring different from that identified in the PRMMP, which will require concurrence between the PRS and CPM. If there is any unforesseen change in monitoring, the notice shall be given as 500n as possible prior to implementation of the change.	Notification of proposed change in monitoring	Notify CPM 15 days in advance of changes in monitoring when feasible	Conditional		Not started							JACOBS	GAL
276	PAL	PAL-7	OPS	Paleontological Resources Report - The project owner shall ensure preparation of a Paleontological Resources Report (PR) for the designated PR. The PRR shall be prepared following completion of ground-disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information, and shall be submitted to the CPM for approval.	The project owner shall submit the PRR under confidential cover to the CPM.	Paleontological Resources Report	Within 90 days after completion of ground- disturbing activities, including landscaping	9/30/2020		Not started							JACOBS	GAL
277	PAL	PAL-8	CONS/COM/ OPS	Curstion Entity/Curstion Fees The project owner, through the designated PSR, shall enture that all components of the PRRAMM are adequately performed, including collection of fossil material preparation of fossil material for analysis, analysis of fossils, identification and inventory of fossils, preparation of fossils for curstoon, and delivery for curstion of all significant paleontological resource materials encountered and collected during project construction. The project owner shall pay all curation fees charged by the museum for fossil material collected and curated as a result of paleontological mitigation. The project owner shall also provide the curstor with documentation showing the project owner; shall pay all unconditionally context, gives, and assigns permanent, absolute, and unconditional ownership of the fossil material.	ownership of all fossil material.	entity responsible for curation and that curation fees have	Within 60 days of submittal of the PRR	11/29/2020		Not Started							JACOBS	GAL

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278	SOCIO	SOCIO-1		shall pay the current one-time statutory school facility development fee to the Magnoila Elementary School District and to the Anaheim Union High School District as authorized by Education Code Section 17560 and the Magnoila Elementary School District Board Policy BP 7211 Facilities: Developer Fees.	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 of the development fees	At least 30 days prior to start of construction	12/3/2018	12/3/2018	Completed	12/5/2018	1/7/2019	1/10/2019				SERC	GAL
279	S&W	SOIL & WATER-1a	PC	NPDES Construction Fermit 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 (RPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Crofer No. 2009-0009-DWD, RPDES No. CASO00002) and all subsequent revisions and amendments. The project convers 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 (WIDI) was issued by the State Water Resources Control Board (SWRCB).	Proof that construction permit was granted and a WDID was issued	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018	SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF
280	S&W	SOIL & WATER-1b	PC	NPDES Construction Permit Requirements-Storm Water Pollution Prevention Plan (SWPPP) - See SOIL & WATER 1a	Construction SWPPP to SWRQB	See S&W 1a	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018	SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF
201	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 SWKG or the Santa Ana Regional Water Quality Control Board (SARWQCB) about the general NPDE's permit for discharge of storm water associated with its 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
287	S&W	SOIL & WATER-2a	PC	Stormwater Management Plan/WQMP - The project owner shall comply with the Orange County Model Water Quality Management Plan (VMDI) requirements in accordance with Title 4, Division 13 and Title 9, Division 1, of the Orange County Code. The project owner shall provide a WCMP for post-construction storm water BMPs to Orange County Tode. The project owner shall provide a WCMP for post-construction storm water BMPs to Orange County for review and the CMP to review and approval. The project owner shall notify the CMP uniting of any reported on- compliance, and the sealth of those corrective measurers. See Dedsion SOIL&WATER-2 for additional specifications.	WQMP for post-construction	WQMP for post- construction stormwater BMPs	At least 120 days prior to site grading	9/14/2018	9/14/2018 (Rev2/19) 3/27/2019	Completed	9/14/2018	PC1:1/17/2019 PC2:2/21/19 PC3: 3/18/19 (Ref Only)	3/5/2019 3/27/2019				SERC	GAL
283	S&W	SOIL & WATER-2b	PC	Orange County Public Works Department Review of WQMP - See SOIL & WATER 2a	Obtain County review of the WQMP	Verification of the county's completed review of the WQMP	30 days before grading	12/3/2018	11/29/2018	Completed	12/1/2/18						SERC	GAF
284	S&W	SOIL & WATER-2c	PC/CONS	Correspondence with County Re: Stormwater - See SOIL & WATER Za	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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5	Technical Resource S&W	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM 12/4/2018	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM 12/13/2018	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
285		SOIL & WATER-3a		Requirements - Prior to initiation of discharge to surface water from ydroxtatic testing water or groundwater from the water from the water from the water from the water from the water from the water from the water from the water from the water from the water from the water from the water from the water from the water from the water for	necessary NPDES permits were obtained from the SARWQCE or SWRCB at least 30 days prior to construction.	NPDES permits are obtained	Thirty (30) days prior to the first scheduled hydrostatic testing event or discharge of groundwater dewatering water	12/3/2018		In Progress		(KET UTNY)						
286	S&W	SOIL & WATER-3b	PC	NPDES Plans and Permits - See SOIL&WATER-3a	The project owner shall submit to the CPM a copy of the relevant plans and permits received.	Plans and permits	Thirty days (30) prior to project construction	12/3/2018	12/6/2018	Completed	12/11/2018	(Ref Only)					SERC	GAL
287	S&W	SOIL & WATER-3c	PC/CONS/O PS	Correspondence with SWRCB - See SOIL&WATER-3a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the SWRCB regarding NPDES permits in the annual compliance report.	Copies of correspondence	Annual Compliance Report	12/31/2020		Not Started		(Ref Only)					SERC	GAL
288	S&W	SOIL & WATER-4a	CONS	Water Use and Reporting - Water supply for project construction and operation shall be potable water supplied by Golden State Water Company, Project water supplied by Golden State Water Company, Project water was for construction shall not exceed 5.6 acre-feet. project operation water use shall not exceed 3.4 AFV. The project owner shall record day water use for the project's construction and operation. The project owner shall comply with the water use limits and reporting requirements described below.	monthly compliance report shall include a monthly summary of daily water use. After construction is complete, the project's annual compliance report shall include a	Summary of daily water use	Monthly Compliance Report	Monthly		in progress		(Ref Only)					ARB	GAL
289	S&W	SOIL & WATER-4b	COM/OPS	Water Use and Reporting - Water supply for project construction and operation shall be potable water supplied by Golden State Water Company, Project water supplied by Golden State Water Company, Project water was for construction shall not exceed 5.6 acre-feet project operation water use shall not exceed 3.4 AFV. The project owner shall record daly water use for the project construction and operation. The project owner shall comply with the water use limits and reporting requirements described below.	monthly compliance report shall	Monthly and annual summary of water use	Annual Compliance Report	12/31/2020		In Progress		(Ref Only)					SERC	DSR
290	S&W	WATER-5a	PS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	shall submitto the CPM evidence that they have complied with all requirements and paid the necessary fees for connection	At least thirty (30) days prior to use of the Golden State Water Company potable water supply	12/3/2018 See Date Below	11/29/2018	In Progress	12/1/2/18	(Ref Only)					ARB	GAL
291	S&W	SOIL & WATER-5b		Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	Evidence that metering devices have been installed and are operational	At least thirty (30) days prior to use of the Golden State Water Company potable water supply.	3/16/2020	2/22/2019 3/21/2019	In Progress	working	(Ref Only)					SERC	GAL
292	S&W	SOIL & WATER-5c	COM/OPS	Water Metring - 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 volumitgly of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	testing, and calibration of the metering devices in the ACR. Fees paid to Golden State Water	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR	Annual Compliance Report	12/31/2020				(Ref Only)					SERC	DSR

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4				Revised 4/30/2019		Based on Final S	taff 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
293	S&W	SOIL & WATER-5d	COM/OPS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	testing, and calibration of the metering devices in the ACR. Fees paid to Golden State Water	Fees paid to Golden State Water Company shall be reported in the Annual Compliance Report (ACR)	Annual Compliance Report	12/31/2020				(Ref Only)					SERC	DSR
294	S&W	SOIL & WATER-6a	PC/CONS	Sewer Connections - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	connections to the sewer system.	the City accepts the SERC's sewer connection.	Prior to the use of the city's sewer system	6/30/2019	(Pacific Street - existing line) 5/9/2019	Completed	5/16/2019	(Ref Only)					ARB	GAL
295	S&W	SOIL & WATER-6b	OPS	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.	waste water discharge and fees paid to the city shall be reported in the ACR.		Annual Compliance Report	12/31/2020				(Ref Only)					SERC	DSR
296	S&W	SOIL & WATER-6c	OPS	Sewer Connections - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.		summary of waste	Annual Compliance Report	12/31/2020				(Ref Only)					SERC	DSR
297	S&W	SOIL & WATER-7	PC/CONS	Jack and Bore Permits - Prior to the initiation of any Carbon Creek jack and bore activities for the natural gas pipeline, the project owner shall apply for coverage under the following permits: (see Decision SOILBWATER 7 for list] - Section 401, Section 404, Section 408, Streambed Alteration Agreement,	applicable permits or agreements.	Permits or agreement documents	No later than thirty (30) days prior to any construction-related activities that could affect water quality in Carbon Creek	6/30/2019	5/31/2019	Completed	6/19/2019	(Ref Only) 9/5/19 12/6/19	12/12/2019				SoCalGas	GAL
298	S&W	SOIL & WATER-8a	PC	Bridge Encroachment Permits: The project owner shall obtain an encroachment permit for the construction of the vehicle and utility bridges from the Crange Country Public Works Department in accordance with Drange Country Code – Title 9, Division 2, Article 2, Sections 92-4 and 93-92.0 ft Project owner shall pay all necessary fees to Crange Country Bublic Works Department for compliance with the permit review and approval process. The project owner shall submit the encroachment permit application package to Orange Country Bublic 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.	copy of the application package for the encroachment permit and any comments from Orange County Public Works Department to the	encroachment permit	At least ninety (90) days prior to bridge construction	11/27/2018	9/17/2018	Completed	12/13/2018	2/5/19 (Ref Only)	2/5/19 (Ref Only)				SERC	GAL
299	S&W	SOIL & WATER-8b	PC	OCPWD Permit - See SOIL&WATER-&a	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.			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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			y Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2 All F	hases					1	1	6/30/2040				Construction						
4				Revised 4/30/2019		Based on Final S	Staff Assessment					Operations						
Tech	nical	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not started, in progress, completed (with		Date Submitted to	Date Approved by	Other Agencies to	Date Submitted	Date Approved by Other	Responsible	SERC Project
STR	RUC :	STRUC-1a	PC/CONS	Project Structures Plans and Specifications - Prior to the start of any increment of construction, the project owner shall submit plans, calculations, and other supporting documentation to the CBO for design review and acceptance for all project structures and equipment inclinations of the CBO-approved master drawing and machine to the CBO-approved master drawing and control of the CBO-approved master drawing and control of the CBO-approved master drawing and control of the CBO-approved master drawing and control of the CBO-approved master drawing and control of the CBO-approved master drawing and control of the CBO-approved master drawing and control of the CBO-approved the lateral force procedures to be employed in designing that structure or component. (See Decision STRUC-1 for specifications).	the CBO the above final design plans, specifications and calculations, with a copy of the	Final design plans, specifications, and calculations, and calculations, and transmittal fetter to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any increment of any increment in the component libited in the CBO-approved master drawing and master specifications list	1.0: 1/17/2019 20: 1/13/2019 30: 1/31/2019 40: 2/17/2019 60: 2/17/2019 60: 2/14/2019 90: 2/14/2019 90: 2/21/2019 10: 2/32/2019 11: 3/11/2019 11: 3/11/2019 11: 2/20/2019	Date Submitted to CPM 10. 31/51/9, 10/26/19 10. 4/25/19, 10/26/19 10. 4/25/19, 10/26/19 20. 1/23/19, 10/26/19 20. 1/23/19, 10/26/19 20. 1/23/19, 10/26/19 20. 2/21/19, 10/26/19 20. 2/21/19, 10/26/19 20. 2/21/19, 10/26/19 20. 2/21/19, 10/26/19 20. 2/21/19, 10/26/19 20. 2/21/19, 10/26/19 20. 2/21/19, 10/26/19 20. 2/21/19, 10/26/19 20. 2/21/19, 10/26/19 20. 2/21/19, 10/26/19 20. 5/21/19, 10/26/19 20. 5/21/19, 10/26/19 20. 5/21/19, 10/26/19 20. 5/21/19, 10/26/19 20. 5/21/19, 10/26/19 20. 5/21/19, 10/26/19 20. 5/21/19, 10/26/19 20. 5/25/19 20. 5/25/19 20. 5/25/19 20. 5/25/19 20. 5/25/19 20. 5/25/19, 12/29/19 20. 5/25/19, 12/29/19 20. 5/25/19, 12/29/19 20. 5/25/19, 12/29/19	datel) In Progress	Date Approved by CPM N/A	CSO 1.0 Compaction: 3/15/19 1.0 Bridge Design: 4/25/19 2.0: 1/23/2019 3.0: 1/31/2019 5.0: 60: 2/7/2019 7.0: 3/28/2019 9.0: 3/22/2019 9.0: 3/22/2019 9.0: 3/22/2019 1.0: 2/28/2019 1.0: 2/28/2019 1.0: 2/28/2019 1.0: 2/28/2019 1.0: 5/6/19 1.0: 5/6/19 1.0: 5/6/19 1.0: 5/3/1/19 2.0: 5/3/3/19	CSO 1.0 Compaction: 3/25/19 1.0 Compaction: 3/25/19 1.0 Bridge Design: 5/13/19 2.0: 2/18/2019 3.0: 5/16/19 5.0: 6.0 4/30/19 5.0: 6.0 4/30/19 5.0: 5.0: 5.0: 6.0 4/30/19 1.0: 5/16/19 1.0: 5/16/19 1.0: 5/16/19 1.0: 5/16/19 1.0: 5/16/19 1.0: 5/16/19 1.0: 5/16/19 1.0: 5/16/19 1.0: 5/16/19 1.0: 5/16/19 1.0: 6/18/19 1.0: 6/18/19 1.0: 6/18/19 1.0: 6/18/19 1.0: 5/16/19 1.0: 5	submit to?	to Other agencies	Agencies	Party Power	Manager GAL
300 STF	RUC :	STRUC-1b	PC/CONS	CBO Approvals Reported in MCR - See STRUC-1a	The project owner shall submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Statement from CBO	Monthly	Monthly	24.0 - \$(34/10, 12)20/10 4/14/19 5/15/19 6/14/19 7/15/19 8/14/19 9/14/19 10/13/19 11/14/19 12/14/19 1/14/20 2/11/20	In Progress		77.0-5/31/19	27.0-				SERC	GAL
STF	RUC	STRUC-1c	PC/CONS	CBO Approvals Reported in MCR - See STRUC-1a	The project owner shall submit to the CPM. In the next monthly compliance report, a copy of a statement from the CB0 that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Monthly Compliance Report list of approved plans, specifications, and calculations	Monthly	Monthly		In Progress		Monthly					SERC	GAL
STF	RUC	STRUC-2a	CONS	Non-Compliance Procedures - The project owner shall submit to the BOB the required number of sets of the following documents related to work that has undergone CBO design review and approval (see Decision STRUC-2 for specifications).	If a discrepancy is discovered in any of the above data, the project owner shall prepare and submit a Non-Compliance Report (NCR) describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM. The NGR shall reference the condition(s) of certification and the applicable CBC chapter and section.	NCR describing the discrepancy and corrective action, and transmittal letter	Within five days of discovering a discrepancy	Conditional		Not Started							SERC	GAL
304		STRUC-2b		Corrective Action Documentation - See STRUC-2a	Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.	Copy of the corrective action to the CBO	resolution of the NCR	Conditional		Not Started							SERC	GAL
STF	RUC S	TRUC-2bb	CONS	Corrective Action Documentation - See STRUC-2a	Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.	Copy of the corrective action to the CPM	Within 5 days of the resolution of the NCR	Conditional		Not Started								
STF	RUC	STRUC-2c	CONS	Corrective Action Documentation - See STRUC-2a	Project owner shall transmit copy of CBO's approval or disapproval of the corrective action to the CPM within 15 days	disapproval of	Within 15 days of the resolution of the NCR	Conditional		Not Started							SERC	GAL
STF	RUC	STRUC-2d	CONS	Corrective Action Documentation - See STRUC-2a	If disappoved, the project owner shall advise the CPM, within 5 days, of the reason for disapproval, and the revised corrective action to obtain CBO's approval	Advise CPM of CBO's disapproval and revised corrective action	Within 5 days after receiving CBO disapproval	Conditional		Not Started							SERC	GAL

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1	Stanto	n Energy	y Reliab	lity Center Compliance Matrix (16-	AFC-01)							Pre- Construction						
2	All Phase	s				T		6/30/2040				Construction	_					
4				Revised 4/30/2019		Based on Final	Staff Assessment					Commissioning Operations						
П	Fechnical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not		Operations				Date Approved		
5		STRUC-3a	PC/CONS	Final Design Changes - The project owner shall submit	The project owner shall notify the	Revised drawings to	Schedule suitable to	Conditional	Date Submitted to CPM	started, in progress, completed (with date))  Not Started	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	by Other Agencies	Responsible Party SERC	SERC Project Manager GAL
308				to the CBO design changes to the final plans required by the 2016 CBC, Including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other abovementioned documents to the CBO, with a copy of the transmittal letter to the CPM.	CBO	the CBO											
309	STRUC	STRUC-3aa	PC/CONS	Final Design Changes - The project owner shall submit to the CBO design changes to the final plans required by the 2016 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	The project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other abovementioned documents to the CBO, with a copy of the transmittal letter to the CPM.	Revised drawings to CBO and transmittal to CPM	Schedule suitable to the CBO	Conditional		Not Started							SERC	GAL
210	STRUC	STRUC-3b	PC/CONS	Plan Approval Notification in MCR - See STRUC-3a	The project owner shall notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	Notification of CBO Plan approval in MCR	Monthly	Monthly		In Progress							SERC	GAL
311	STRUC	STRUC-4a	CONS	Tank and HazMat Vessel Design - Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2016 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	The project owner shall submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	Final design plans, specifications, and calculations	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials	10/20/2019		Completed		12/6/2019	12/22/2019				SERC	TAT
312	STRUC	STRUC-4b	CONS	CBO Approvals in MCR - See STRUC-4a	The project owner shall send copies of the CBO approvals of plan checks to the CBM in the monthly compliance report following receipt of such approvals. The project owner shall also transmit a copy of the CBO's inspection approvals to the CBM in the monthly compliance report following completion of any inspection.	Copies of CBO approvals in MCR	Monthly	Monthly	1/14/2020	Completed							SERC	GAL
313	TLSN	TLSN-1	CONS	66 W Line Requirements - The project owner shall construct the proposed 66-kV transmission line according to the requirements of California Public Utility Commission's 60-95, 60-128, 60-52, 60-131-0, Title 8, and Group 2, High Voltage Electrical Serky Orders, sections 2700 through 2974 of the California Code of Regulations, and Southern California Edison's EMF reduction guidelines.	the compliance project manager (CPM) a letter signed by a	Letter affirming construction in accordance with requirements	At least 30 days prior to start of construction of the transmission line or related structures and facilities	6/1/2019	3/15/2019	Completed	4/4/2019	3/15/2019 (Ref Only)	3/18/2019				SCE	GAL
314	TLSN	TLSN-2	CONS	Metallic Objects Grounded - The project owner shall ensure that all permanent metallic objects within the proposed route are grounded according to industry standards.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming compliance with this condition.	Letter affirming compliance	At least 30 days before the line is energized	1/27/2020	1/20/2020	Completed	2/28/2020	1/20/2020 (Ref Only)	2/4/2020				SCE	GAF
315		TRANS-1a		Roadway Use Permits and Regulations - The project owner shall comply with limitation imposed by the Department of Transportation (Caltrans) and other relevant jurisdictions, including the cities of Stanton, Anaheim, Buena Park, Garden Grove, and Westmisster, and the county of Orange, on whicle sizes and weights, driver licensing, and truck routes.	relevant jurisdictions for vehicle sizes, weights, driver licensing, and truck routes.	List of permits received in MCR	Monthly	Monthly	9/15/19 10/14/19 11/15/19 12/14/19 1/15/19	Completed		(Ref Only)					ARB	GAL
316	TRANS	TRANS-1b	CONS	Copies of Permits - See TRANS-1a	The project owner shall retain copies of permits and supporting documentation on-site for compliance project manager (CPM) inspection if requested.	Copies of permits and documentation	During construction	ongoing		In Progress							SERC	TLB

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3	7.1111.03.0												Commissioning						
4					Revised 4/30/2019		Based on Final S	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
	TRANS	TRANS-2	2a		Traffic Control Plan - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project cowner shall soom the the chy of Stanton in the preparation and implementation of the TCP. The project cowner shall south the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation of the plan. (See Decision TRANS-2 for specifics).	The project owner shall submit the TCP to the city of Stanton for review	Traffic Control Plan and transmittal letter to City of Stanton	At least 60 calendar days prior to the start of construction	12/6/2018		Completed				City of Stanton	3/1/2019 7/1/2019	3/4/2019 7/17/2019	JACOBS	GAL
317	TRANS	TRANS-2	2b			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 effect to the copy of the transmittal effect to the copy 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 31/12019 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-2	2c	PC	Letters of Comment on TCP - See TRANS-2a	The project owner shall provide copies of any comment letters received from the city of Stanton or any other interested agencies, along with any changes to the TCP, for CPM review and approval.	Copies of comment letters	At least 30 calendar days prior to the start of construction	1/5/2019	11/29/2018	Completed	12/4/2018						Jacobs	GAL
320	TRANS	TRANS-2	2d	PC	Final TCP to City - See TRANS-2a	The project owner shall provide completed copies of the final TCP to the city of Stanton and any other interested agencies, sending copies of the correspondence to the CPM.	Copies of final TCP to City and interested parties	After CPM review and approval	3/1/2019	11/29/2018	Completed	12/4/2018	1/22/2019 (Ref Only)	1/23/2019	City of Stanton	3/1/2019	3/4/2019	JACOBS	GAL
321	TRANS	TRANS-5	333		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	mobilization, the project owner shall videotape roads and intersections along the major	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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1	tanto	n Energ	y Relial	ility Center Compliance Matrix (16-	AFC-01)							Pre- Construction						
	All Phase		ĺ	· · · · · ·	,			6/30/2040				Construction						
3						Based on Final C						Commissioning						
4				Revised 4/30/2019		Based on Final S	Starr Assessment					Operations						
5	Technical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due 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
322	TRANS	TRANS-3b	CONS	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owners 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 regals 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 identify sections to be repaired. Establish schedule for completion of repairs with CPM	7/2/2020	Conditional		Not started		(Ref Only)					SERC	GAL
323		TRANS-3c			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 received and the section of the register of the received and the fine the fiber of the register of the register of the register of the register of the register of the register of the register of the register of the register of the register of the register owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/ agencies stating their satisfaction with the repairs.	Letters signed by the agency accepting the repairs	Following completion of repairs	Conditional		Not started		(Ref Only)					SERC	GAL
	TRANS	TRANS-4a	PC/CONS	Encoadment into Public lights of Way - Frior to any ground disturbance, Improvements, or obstruction of traffic within any public road, easement, or right-of-way, the project owner shall coordinate with all applicable jurisdictions, including the city of Stanton, to obtain necessary encroachment permits and comply with all applicable regulations, including applicable road standards.	The project owner shall provide copies to the CPM of all permits received from any affected jurisdictions.	Copies of permits from affected jurisdictions	At least 10 days prior to ground disturbance, improvements, or interruption of traffic in or along any public road, easement, or right-of-way	So Cal Gas 6/8/19 SCE 9/20/19	7/31/2019	Completed	8/1/2019	(Ref Only) 7/31/19					SoCalGas/SCE	GAL
325	TRANS	TRANS-4b	CONS/OP	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
326	TRANS	TRANS-5a	CONS	Transportation of Hazardous Materials - The project owner shall contract with Execused hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project cowner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the name of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licensing verification to the 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.	materials haulers and licensing verification in MCRs	Monthly during construction	Monthly		In Progress							SERC	GAL
327	TRANS	TRANS-5b	OPS	Transportation of Hazardous Materials - The project owner shall contract with lensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project cowner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the name of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licensing verification control to the 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.	materials haulers and licensing verification in ACR	Annual Compliance Report	12/31/2020		Not started		(Ref Only)					SERC	DSR

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1	Stanto	n Energ	y Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	es					,	6/30/2040				Construction						
3				Revised 4/30/2019		Based on Final S	Staff Assessment					Commissioning Operations						
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5	Technical Resource	Cond.#	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
328	TRANS	TRANS-6a	PC	Rail Crossing Safety Plan - Prior to any construction- related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the stel, construction welhicles, and heavy/oversize loads: The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to the city of Stanton for review and comment	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction- related ground disturbance	12/20/2018	11/1/2018	Completed	12/21/2018						Jacobs	GAL
329	TRANS	TRANS-6b	PC	Rail Cossing Safety Plan - Prior to any construction- related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to Union Pacific Railroad (UPRR) for review and comment	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction- related ground disturbance	12/20/2018	11/1/2018	Completed	N/A			UPRR	11/1/18	No comments received from UPRR. Comments were requested by 11/30/18	SERC	GAL
323	TRANS	TRANS-6c	PC	Rail Crossing Safety Plan - Prior to any construction- related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including worshers washing between the parking area and the site or worshing at the site, construction whiches, and heavy/oversize loads. The rail crossing safety plan must incude plans for a flagger at the railpard stack 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.		At least 60 calendar days prior to the start of construction- related ground disturbance	12/20/2018	12/3/2018	Completed	1/24/2019			City of Stanton UPRR	City of Stanton: 10/291/2018; UPRR: 11/1/2018	City of Stanton: 10/29/18	SERC	GAL
330	TRANS	TRANS-6d	PC	Final Rail Crossing Safety Plan - See TRANS-6a	The project owner shall provide copies of any comment letters received from the city of Stanton and UPRR, along with any changes to the rail crossing safety plan, for CPM review and approval.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction- related ground disturbance	1/19/2019	12/3/2018	Completed	1/24/2019						JACOBS	GAL
332	TRANS	TRANS-6e	PC	Final Rail Crossing Safety Plan - See TRANS-6a	After CPM review and approval, the project owner shall provide completed copies of the final rail crossing safety plan to the city of Stanton and UPRR, sending copies of the correspondence to the CPM.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction- related ground disturbance	1/19/2019	1/19/2019	Completed	1/24/2019			City of Stanton UPRR			SERC	GAL
223	TRANS	TRANS-7	CONS	FAA Notification for Construction Equipment at or Exceeding 153 Fee Add. — The project cowner or its contractor(s) shall file Federal Aviation Administration (RAA) Form 746-1, Notice of Prosposed Construction or Alteration, with the FAA for any construction equipment 153 feet above ground level (AGL) or taller. The project cowner's shall comply with any conditions imposed by the FAA as part of their hazard determination, such as marking and lighting requirements.	The project owner shall submit to the CPM a copy of the FAA's hazard determination.	FAA Form 7460-2, Notice of Actual Construction or Alteration	At least 30 days prior to the presence onsite of any construction equipment 153 feet AGL or taller	4/24/2019	4/24/2019 5/1/2019 (corrected elevation)	Completed	5/1/2019 8/5/19						Jacobs	GAL
334	TRANS	TRANS-8a	CONS	Pilot Notification and Awareness - The project owner shall initiate the following actions to ensure pilots are aware of the project location and potential hazards to aviation. (See Decision TRANS-8 for specifications).	The project owner shall submit to the CPM for review and approval draft language for the letters of request to the FAA, the LAAA Manager, and the FMA Manager, and the FMA Manager response within 30 days that includes a timeline for implementing the required actions.	FAA, LAAA Manager, and FMA Manager	Within 60 days following the start of construction	4/19/2019	3/20/2019	Completed	3/22/2019						JACOBS	GAL
335	TRANS	TRANS-8b	CONS	Final Letters to FAA, LAAA, and FMA - See TRANS-8a	The project owner shall submit the required letters of request to the FAA, the LAAA Manager, and the FAA the LAAA Manager, and the FAA the LAAA 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 recept. If the FAA, the LAAA Managed ros ret sprind within 30 days, the project owner shall contact the CPM.		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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			Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	II Phase	s				ı	ı	6/30/2040				Construction						
3				Revised 4/30/2019		Based on Final S	Staff Assessment					Commissioning						
5	echnical esource	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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
336		TRANS-8c	CONS	Correspondence from FAA, LAAA, or FMA - See TRANS- 8a	correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Copy of correspondence from FAA, LAA or FMA	Within 10 days of receipt	Conditional	FMA - 04/02/2019 FMA&LAAA - 04/11/2019 Additional LAAA correspondence Transmitted on 5/13/19	Completed	4/11/2019						SERC	GAL
337		TRANS-8d		Correspondence from FAA, LAAA, or FMA - See TRANS- 8a	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		this condition (See <b>Decision</b> TS-1), a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. Provide designated packages to the CPM when requested.	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
330	TSE	TSE-2a	CONS	Final Switthyard Design. For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	design plans, specifications, and	Prior to the start of each increment of construction - Switchyard a) Civil design b) Structural design c) electrical design c) Gen-Tie a) Civil design b) electrical design	6/30/2019		Completed		2-1.0 8/2/19 PC1	2-1.0 8/22/19 PC1				Power / SCE	GAL
340	TSE	TSE-2b	CONS/COM/ OPS	Final Switchyard Design. For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the G8D. 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 G8D 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 flad feeling blands, stored flad flad specified blands, specifications, and calculations for equipment and systems of the power plant switchyard, outset line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	plans, specifications, and calculations for	For 1 year after completion of construction	4/8/2021									SERC	DSR
341	TSE	TSE-2c	CONS	Final Switchyard Design- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design joint, specifications, and calculations for equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	inspection of insallation applicable	During construction	1/2/2020		Completed							SERC	TLB
342	TSE	TSE-2d	CONS/COM/ OPS	Transmittal Letter in MCR - See TSE-2a	Send the CPM a copy of the transmittal letter to the CBO in the next monthly compliance report.	Transmittal in MCR	Monthly	Ongoing	8/14/2019	Completed	9/14/2019						SERC	GAL

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	All Phase			, , , , , , , , , , , , , , , , , , , ,	,		1	6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final S	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
343	TSE	TSE-3	OPS OPS	Design, Construction, and Operation of Transmission Facilities. The design, construction, and operation of the proposed transmission facilities will conform to all applicable LORS, and requirements (a) through (f) listed in this condition (See Decision TSE-3 for further specifications).	Prior to the start of construction of transmission facilities, submit to the CBO for approval the elements (a) through (f) listed in this condition.	document list - The project owner shall provide to the CPM, copy of the executed LGIA signed by the SCE and the project owner and approved by the Federal Energy Regulatory Commission	Prior to the start of construction or modification of transmission facilities	10/1/2019	12/11/2019	Completed	12/30/2020						SERC	GAF
344	TSE	TSE-4a	CONS	Notice to CAISO - The project owner shall provide the following notice to the California Independent System Operator (California ISO) prior to synchronizing the facility with the California Transmission system:  1. At least one week prior to synchronizing the facility with the citesting, provide the california ISO a letter stating the proposed date of synchronization; and Letter stating the proposed date of synchronization; and California ISO and the california ISO of 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 are week prior to the California ISO are 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 10700 and 1530 at 1981 to the hours of 10700 and 1530 at 1981 to the 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 or 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
	TSE	TSE-4b	CONS	Notice to CAISO - The project owner shall provide the following notice to the California Independent System Operator (California ISO) prior to synchronizing the facility with the California Transmission system:  1. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter stating the proposed date of synchronization; and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	The project owner shall provide copies of the California ISO letter to the CPM when it is sent to the California ISO and excellent and the CPM when it is sent to the California ISO ourse week prior to initial synchronization with the grid. The project owner shall contact the California ISO Oursage Coordination Department, Monday through Friday, between the hours of 1000 and 1330 at 101 (1916) 351-2300 at least one business day prior to synchronizing the facility with the grid for resting. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	Telephone notification to CAISO Outage Coordination department Note: use recorded line at 24hr desk	Letter one business day prior and report of conversation one day before initial synchronization with the grid	4/15/2020	4/15/2020 4/17/2020	Completed							SERC	DSR
345	TSE	TSE-5a	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 58, CPUC GO 128, or NESC, Title 8, CCR, Articles 33, 36 and 37 of the "High Voltage Electric Selety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case and related industry standards. In case Inform the CPM and CBO in writing, within 10 days of discovering such non-conformance, and describe the corrective actions to be taken.	CPM and CBO "as built engineering descriptions" and inspection	after project	Within 10 days of discovering non- conformance	Conditional		Not Started							SERC	TLB
346	TSE	TSE-5b	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) So, CPUC GO 128, or NESC, Title 8, CCR, Articles 33, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In cash off or 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.	CPM and CBO "as built engineering descriptions" and inspection	line drawings of	Within 60 days after first synchronization of the project	6/15/2020		Not Started							SERC	GAF

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1	Stanto	n Energy	y Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	s		<u> </u>			<u> </u>	6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final S	taff 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
348	TSE	TSE-5c	COM/OPS	As-Bull 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) 59, CPUC GO 128, or NSC, CTIR & C, CRC 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.	CPM and CBO "as built engineering	mechanical structure	Within 60 days after first synchronization of the project	6/15/2020		Not Started							SERC	GAF
349	TSE	TSE-Sd		37 of the "High Voltage Electric Safety Orders", applicable heteromection 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.	CPM and CBO "as built engineering descriptions" and inspection summaries (see Decision TSE-5 Verification for specifications)	completed transmission facilities and identification of any nonconforming work and corrective actions taken, signed and sealed by registered engineer submitted to CPM and CBO	Within 60 days after first synchronization of the project or completed transmission facilities	6/15/2020		Not Started							SERC	GAF
350	VIS	VIS-1a	PC	Surface Treatment of Project Structures - The project owners shall tract 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 giare; and c) their colors and finishes are consistent with local policies and ordinances. The transmission line conductors shall be non-reflective and non-reflective. See Decision VIS-1 for specifications)	The project owner shall submit the proposed treatment plan to the CPM for review and approval and simultaneously to the city of Stanton for review and comment.	Proposed Surface Treatment Plan	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture	11/10/2017	2/26/19 3/6/2019	Completed	3/14/2019	3/12/2019 (Ref Only)	3/18/2019	City of Stanton	3/6/2019	3/11/2019 (City of Stanton Approval - no comments)	SERC	GAL
351	VIS	VIS-1b	PC/CONS	Revised Surface Treatment Plan - See VIS-1a	if the CPM determines that the plan requires revision, the project owner shall provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for review and approval.	Revised Surface Treatment Plan	Any modifications to the treatment plan must be submitted to the CPM for review and approval	Conditional		Not Started		(Ref Only)					SERC	GAL
352	VIS	VIS-1c	CONS	Notification that Treatment Completed - See VIS-1a	The project owner shall notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection and shall submit one inspection and shall submit one set of electronic color photographs from the same Key Observation Points (KOP) 1 and 2.		Prior to the start of commercial operation	6/2/2020		Not Started		(Ref Only)					SERC	GAL
353	VIS	VIS-1d	OPS	Surface Treatment Maintenance - See VIS-1a	Project owner shall provide status report regarding surface treatment maintenance in the ACR. The report shall specify a): the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occured during the reporting year; and c) the schedule of maintenance activities for the next year	Status Report	Annual Compliance Report	12/31/2020				(Ref Only)					SERC	DSR

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	All Phase		y Keliab	lifty Center Compliance Matrix (10	AFC-UI)			6/30/2040				Construction						
3	All Phase	5						0/30/2040				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
354	VIS	VIS-2a	CONS	Screening Landscaping Plan - The project owner shall also submit to the CPM for review and approval, and simultaneously to the city of Stanton for review and comment, a detailed landscape plan and irrigation plan for the power plant site in fulfillment of requirements of applicable laws, ordinances, regulations, and standards, including water efficiency irrigation standards as required by the city of Stanton. See Decision VIS-2 for specifications.	the city of Stanton for review and	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		in Progress		(Ref Only)		City of Stanton			SERC	GAL
355	VIS	VIS-2b	CONS	Revised Landscaping and Irrigation Plans - See VIS-2a	If the CPM determines that the plans require revision, the project owner shall provide to the CPM and simultaneously to the city of Stanton a revised plan for review and approval by the CPM.	Revised landscaping and irrigation plans	No specific time frame	Conditional		Not Started		(Ref Only)					SERC	GAL
356	VIS	VIS-2c	COM/OPS	Landscape Installation Timing - See VIS-2a	The planting must occur during the first optimal planting season following completion of site construction	Landscape and irrigation installation	First optimal planting season following construction	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	6/2/2020		Not Started		(Ref Only)					SERC	GAL
250	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
358	VIS	VIS-3a	CONS	Site Lighting, Project Construction and Commissioning - Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of non-site construction areas, and construction worker parking lost, minimizes potential night lighting impacts. (See Decision VIS-3 for specifications).	The project owner shall notify the CPM that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Within seven calendar days after the first use of construction lighting	3/8/2019	3/4/2019	Completed	3/7/2019						ARB	GAL
360	VIS	VIS-3b	CONS	Lighting Modifications Corrections - See VIS-3a	if the CPM determines that modifications to the lighting are needed for any construction milestone, project owner shall correct the lighting and notify the CPM that modifications have been completed.	Lighting modifications/ corrections, notification to CPM	Within 14 calendar days of receiving notification	Conditional		Not Started							ARB	GAL
361	VIS	VIS-3c	CONS	Complaint Reporting - See VIS-3a	The project owner shall provide to the CPM a copy of any complaint reports and resolution form, including a schedule for implementing corrective measures to resolve the complaint.	Complaint report and resolution form, schedule for corrective measures	Within 48 hours of receiving a lighting complaint for any construction activity	Conditional		Not Started							SERC	GAL
362	VIS	VIS-3d	CONS	Summary of Complaints in MCR - See VIS-3a	The project owner shall report any lighting complaints and document their resolution in the monthly compliance report for the project, accompanied by copies of completed complaint report and resolution forms for that month.	Summary of complaints and resolution in MCR, including report and forms	Monthly	Monthly		In Progress							SERC	GAL

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			y Reliabi	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	s						6/30/2040				Construction						
3				Revised 4/30/2019		Based on Final S	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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
363	vis	VIS-4a	PC/CONS	Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous regions was commented. 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 CPMs 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 size generated to the maximum extent feasible. All lighting fintures 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 tity of Stanton for review and comment and the CPM of the 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 acceptable to the city of Stanton if comments are not provided to the CPM with a Scalendar days of receipt of said plan.	Plan and transmittal letters to Planning	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018		Completed		(Ref Only) Submit 6/4/2019		City of Stanton	11/26/18	11/27/18	POWER	GAL
363	VIS	VIS-4b	PC/CONS	Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. That comprehensive Lighting Management Plan shall be comprehensive Lighting Management Plan shall be comprehensive Lighting Management Plan shall be comprehensive Lighting Management Plan shall be comprehensive Lighting Management Plan shall be considered to the CVM. The project owner shall not purchase or order any lighting futures or apparatus until written approval of the final plan is received from the CVM. Modifications to the Lighting Management Plan are prohibited without the CVMs approval. Consistent with applicable worker safety regulations, the project owners shall design, Install, and manificant all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, galare is avoided, and night lighting impacts are minimized or avoided to the maximum extent resides. All lighting futures shall be selected to achieve high energy efficiency for the facility. (See Decision VIS-4 for specifications).	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	transmittal letter submitted to city and	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018	11/26/2018	Completed	11/27/2018	(Ref Only) Submit 6/4/2019					SERC	GAL
365	VIS	VIS-4c	OPS	Revised Lighting Plan - See VIS-ta	plan requires revision, the project owner shall provide a plan with the specified revision(s) for review and approval by the CPM. A courtery 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 fictures) shall begin until final plan approval is received from the CPM.		No specific time frame	Conditional		Not started		(Ref Only)					POWER	GAL
366	VIS	VIS-4d	CONS/COM	Lighting Inspection Ready, Notification - See VIS-4a	The project owner shall notify the CPM that installation of permanent lighting for the project has been completed and that the lighting is ready for inspection.	lighting is ready for	Prior to the start of commercial operation	6/2/2020		Not Started							SERC	GAL
367	VIS	VIS-4e	COM/OPS	Changes to Lighting System - See VIS-4a	if the CPM notifies the project owner that modifications to the lighting system are required, within 30 days of receiving that notification, the project owner shall implement all specified changes and notify the CPM that the modified lighting system(s) is ready for inspection.	Changes to the lighting system	30 days after receiving the notification	Conditional		Not Started		(Ref Only)					SERC	GAL

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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 CPN	Date Submitted to	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
368	VIS	VIS-4f	COM/OPS	Lighting System Complaint - See VIS-4a	Within 48 hours of receiving a complaint about permanent project lighting, the project owner shall provide to the CPM a copy of the complaint report and resolution form, including a schedule for implementing corrective measures to resolve the complaint.	Notice to CPM	Within 48 hours of receiving a complaint permanent project lighting	Conditional		Not started		(Ref Only)					SERC	GAL
369	VIS	VIS-4g		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 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	6/2/2020		Not Started		(Ref Only)					SERC	GAL
371	VIS	VIS-4i	COM/OPS	Pre-COD Inspection - Lighting System - See VIS-4a	If after inspection the CPM notifies the ror inspect owner that modifications to the lighting are needed, within 30 days of receiving that notification the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection	Notification to CPM	Within in 30 days of receiving notification	Conditional		Not Started		(Ref Only)					SERC	GAL
372	WASTE	WASTE-10a	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, he project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange Country Waste and Recycling.	At least 30 days prior to transportation of soils for disposal	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		Landfill from Orange County Waste and Recycling.	At least 45 days prior to any earthwork, the project comer shall submit the SMP to the CPM for review and approval.	Soil Management Plan Summary (SMP to be written and provided by NVS)	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 r of site mobilization, submit the resume of the Professional Engineer or Professional Geologist to the CPM for review and	Professional Engineer / Geologist Resume	At least 30 days prior to the start of site mobilization	12/3/2018	11/30/2018	Completed	1/8/2019						JACOBS	GAL

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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 CPN	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-3a	CONS	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	within five days of their receipt.	engineer or geologist	Within 5 days of receipt	Conditional	6/12/19 (final NV5 reports on 2 barrels and notification of barrel removal)	Completed	6/12/2019						JACOBS	GAL
	WASTE	WASTE-3b	CONS	Construction Halt Notification - See WASTE-3a	The project owner shall notify the	Notify the CPM	Within 24 hours of	Conditional		Not started							SERC	GAL
378					CPM within 24 hours of any orders issued to halt construction due to contaminated soil.		orders to halt construction											
379	WASTE	WASTE-4a	PC	Construction and Demolition (C & D) Environmental	C & D Environmental Resources Management and Recycling Plan to Orange County's Public Works Department for review and comment	Demolition	30 days prior to the initiation of demolition activities at the site	12/3/2018		Completed				осрw	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 Flam. The project convers 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.		Demolition	30 days prior to the initiation of demolition activities at the site	12/3/2018	11/1/2018	Completed	1/28/2019						JACOBS	GAL
201	WASTE	WASTE-4C	CONS	Waste Volumes Reported in MCR - See WASTE-4a	The project owner shall also document in each monthly compliance report (MCB) the actual volume of wastes generated and the waste management and the waste management provide a comparison of the actual waste generation of the actual waste of the waste for the second of the actual waste of the second of the sec	Waste volumes and waste management methods in Monthly Compliance Reports	Monthly	Monthly		In Progress							ARB	GAL
382	WASTE	WASTE-Sa	PC/CONS	material (ACM) and notify the CPM of the results. In the	buildings, and associated structures, project owner shall	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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	WASTE	WASTE-5	PC PC		Asbestos-Containing Materials - Prior to demolition of pipelines, buildings, and asociated 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 Removation Form to the CPM as related to asbestos and other materials.		Notification of Demolition or Renovation Form to CPM	No less than 60 days prior to commencement of structure demolition	12/6/2018	2/13/2019	Completed	2/22/2019						AEC	GAL
383																			
384	WASTE	WASTE-5	-Sc PC		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 Qualify Management District, Notification of Bemolition or Renovation Form to the CPM as related to sabestos and other materials.	the project owner shall inform the CPM, via the Monthly Compliance	ACM removal description in Monthly Compliance Reports	Monthly Compliance Report	Monthly		Completed	4/13/2019						SERC	GAL
385	WASTE	WASTE-I		OPS	Nazardous Waste Generator ID - The project owner shall report new or temporary hazardous waste generator identification numbers from the United States Environmental Protection Agency prior to generating any hazardous waste during demolition, construction, or operations.	The project owner shall keep a copy of the identification number(s) on file at the project site and provide documentation of the hazardous waste generation and notification and receipt of the number to the CPM in the next scheduled Monthly Compliance Report after receipt of the number. Submittal of the number. Submittal of the number. Submittal of the number soldification and six seed number notification and six seed number.	Report new or temporary Hazardous waste generator ID numbers in Monthly Compliance Report	Monthly Compliance Report	Monthly		In Progress							SERC	GAL
200	WASTE	WASTE-	-7 COI		Enforcement Action Notification - Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken, or proposed to be taken, against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within ten days of becoming aware of an impending enforcement action. The CPM shall		Within 10 days of becoming aware of an impending enforcement action.	Conditional		Not started							SERC	GAL
207	WASTE	WASTE-8	8a CO		Operation Waste Management Plan - The project owner shall prepare an Operation Waste Management Plan for all wastes generated during operation of the	The project owner shall submit the	Operation Waste Management Plan	No less than 30 days prior to the start of project operation	11/12/2020		Not Started							SERC	DSR

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3888	WASTE	WASTE-8b	CON	A/OPS I	Revised OWMP - See WASTE-Ba	The project owner shall submit any required revisions of the Waste Management Plan to the CPM.	Revised Operation Waste Management Plan	Within 20 days of motification from the CPM that revisions are necessary.	Conditional		Not Started							SERC	DSR
388		WASTE-8c			OWMP Report in ACR - See WASTE-8a	Project owner shall also document in each ACR the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generated and management		Annual Compliance Report	12/31/2020									SERC	DSR
	WASTE	WASTE-9	CON		up, and remediated as necessary, in accordance with all applicable federal, state, and local equirements.	The project owner shall document all unauthorized releases and spills of hazardous substances,	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						SERC	GAL
390	WORKER SAFETY	WORKER SAFETY-1a			Construction H&S Program - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See Decision WORKER SAFET)-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and fileses 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.		At least 30 days prior to start of construction	Conditional 12/3/2018	12/3/2018 3/11/2020 4/6/2020 4/8/2020	Completed	1/29/2019	1/16/19 3/11/2020	2/4/2019				ARB	GAL

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Techni Resou	rce	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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
WORK SAFE	TY SA	/ORKER FETY-1b		Construction F48.5 Program - Submit to the CPM the Project Construction Safety and Health Frogram containing the elements listed in this condition (See Decision WORRE ASFETY: 1 or specification). The Personal Protecthe Equipment Program, the Exposure Monitoring Program, and the Injury and Illess Prevention Program shall be submitted to the CPM for review and approval concerning compoliance 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 Ornage County Fire Authority stating the fire department's comments on the Construction Five Prevention of Plan and the Emergency Action Plan.	Construction Health & Safety Program W/OCFA Comments CFPP and EAP	to start of construction	12/3/2018	Original 12/3/2018; Revision 1/17/2019 4/8/2019	Completed	N/A	1/16/19	2/4/2019	OCFA	12/3/2018 4/6/2020	No response	ARB TTSC	GAL TLB
WORK SAFE		/ORKER	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 WOKKER SAFETY-16 or specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Protection System Impairment Program, and Personal Protective Suplement 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 CPM or 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.		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		OCFA	2/9/2020	20-Feb-20	SERC	DSR
WORK SAFE		/ORKER FETY-2b	COM/OPS	Operations H&S Program - The project owner shall submit to the EPM a copy of the Project Operations and Maintenance Statey and Health Project Operations and Maintenance Statey and Health Project Operation WORKER SAFETY-2 for specifications). The Operation Workers SafeTy-2 for specifications, The Operation Hughry and filmes's Prevention Plans, The Operation Project Safe Safe Safe Safe Safe Safe Safe Safe		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						SERC	DSR
WORK SAFE		/ORKER FETY-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
WORK SAFE		/ORKER FETY-3b	PC/CONS	Replacement CSS - See WORKERSAFETY-3a	The contact information of any replacement CSS shall be submitted to the CPM within one business	Replacement CSS Name/Contact	Within one business day	Conditional		Not started		Conditional					ARB	GAL
WORK SAFE		ORKER FETY-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 <b>Decision</b> WORKERSAFETY 3 Verification for specifications)	Health and safety information for MCR	Monthly	Monthly		In Progress		Monthly					ARB	GAL
WORK SAFE		/ORKER AFETY-4	PC	Agreement to Fund Safety Monitor - The project owner shall make payments to the Delegate Chief Suidding Official (DCB) of the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the principal cowner and the DCBO. Those between the principal cowner and the DCBO. Those between the principal cowner and the DCBO. Those should be the DCBO and 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 working that the Construction Safety Supervisor, as required in Condition of Certification WDRER SAFETY Simplements all appropriate Cal/DSA and Energy Commission safety requirements. The Safety Monitor shall conduct on a 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	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

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	VORKER SAFETY	WORKER SAFETY-5a	PC	Automatic External Defibrillator - A portable automatic external defibrillator (AED) shall be located on site	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	12/3/2018 4/1/2020	Date Submitted to CPM 11/15/2018 4/2/2020	date)) In Progress	Date Approved by CPM 12/11/2018		CBO 1/23/2019	submit to?	to Other agencies	Agencies	Responsible Party ARB	Manager GAL
399				during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See Decision WORKER SAFETY-S). The training program shall be submitted to the CPM for review and approval.			mobilization											
400	SAFETY	WORKER SAFETY-5b	PC	Automatic External Defibrillator - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See Decision WORKER SAFETY-5). The training program shall be submitted to the CPM for review and approval.	Submit to the CPM a copy of the training and maintenance program for review and approval.	Training Program	At least 30 days prior to the start of site mobilization	12/3/2018 4/1/2020	11/15/2018 4/2/2020	In Progress	12/11/2018	1/22/2019 (Ref Only)	1/23/2019				ARB	GAL
401	VORKER 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 coadway 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.	comment	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
	VORKER SAFETY	WORKER SAFETY-6b	PC	Emergency Access Plan - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton site where the specifications of the roadway will comply with the Stanton Municipal Code and the 2016 (or latest edition) California Fire Code. A secondary access must be maintained to the standards listed above for the life of the project.	The project owner shall submit the Emergency Access Plan showing the secondary emergency access to the CPM for review and approval.	Emergency Access Plan	At least 60 days prior to the start of construction, or within a time frame approved by the CPM	12/6/2018	11/2/2018	Completed	11/15/2018	1/18/2019 (Ref Only)	1/18/2019				Jacobs	GAL
403	VORKER SAFETY	WORKER SAFETY-6c	PC/CONS	Emergency Access Plan, Revised - See WORKERSAFETY- Ga	If a change to the secondary access is proposed by the project owner, the project owner must submit the proposed change, with an updated Emergency Access Plan that shows the new proposed location/ arrangement for the secondary emergency access road, to the Orange County Fire Authority for review and timely comment	Emergency Access Plan showing the secondary emergency access road	90 days before a change to the secondary access would occur	Conditional						OCFA			JACOBS	GAL
	VORKER SAFETY	WORKER SAFETY-6d	PC/CONS	Emergency Access Plan, Revised - See WORKERSAFETY- Ga	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
	VORKER SAFETY	WORKER SAFETY-7a		Fise Protection System Specifications - The project owner shall adher to all applicable provisions of the latest version of NFPA 850. Recommended Practice for Fise 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 statistations 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 SSO. The project owner shall provide all fire protections system in specifications and drawings to the Orange County Fire Authority for review and comment	Fire protection system specifications and drawings to the OCFA	At least 60 days prior to the start of construction of the fire protection system	7/28/2019		In Progress				OCFA OCFA	2/4/2019 11/21/19		POWER	TAT
	VORKER SAFETY	WORKER SAFETY-7b	PC/CONS	Fise Protection System Specifications - The project owner shall adher to all applicable provisions of the latest version of NFPA 850. Recommended Practice for Fise 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 stutiations 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 adhers to all applicable provisions of NPPA 850. The project owner shall provide all fire protection systems provide all fire protections shall provide all CPM for review and approval.	specifications and	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

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1	Fechnical 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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
407	WORKER SAFETY	WORKER SAFETY-7c	PC/CONS	Fire Protection System Specifications - The project owner shall adhere to all applicable provisions at least version of NPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Young Control of Programmer of Programmer of Programmer of Programmer of Programmer of Programmer of Programmer of Protections and English Report of Programmer of Program	The project owner shall ensure that the project adheres to all asplicable provisions of NFPA 83.0. 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		uaeejress In Progress		7-1.0: 2/4/19 7-2.0: 3/29/19 7-3.0: 4/18/19 7-4.0: 4/18/19 7-5.0: 4/18/19 7-6.0: 5/1/19 7-9.0 10/16/19	7-1.0: \$/14/19 7-2.0: \$/15/19 7-3.0: \$/16/19 7-4.0: 7-5.0: 7-6.0: \$/14/19 7-9.0 10/29/19	Submit to:	to other agencies	Agenties	Power	GAL
408	WORKER SAFETY	WORKER SAFETY-8a	PC/CONS	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 950 certification. The project owner shall submit the certification along with the fire profection 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	design certification for the ESS, or copy of the contract with UL to perform field certification during construction of the ESS to obtain UL 0540 certification to the CPM.		10/3/2019	11/1/2018	Completed	11/13/2018						SERC	GAL
409	WORKER SAFETY	WORKER SAFETY- 8a.1	PC	Ju. 5540 Certification - The project owner shall ensure that the lithium ton 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 Five Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Five Authority to assist the development of standard operating procedures for first exponders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide UL 9540 design ecification 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 cer	certification for the ESS, or copy of the contract with UL to	At least 60 days prior to the start of construction of BESS	1/9/2020		Completed		(Ref Only) 10/14/2019					SERC	GAL
410	WORKER SAFETY	WORKER SAFETY-8b	PC	IL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Crange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Grange County Fire Authority for saist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide the complete ESS fire protection drawings and specifications to the OCFA for review and comment	The project owner shall provide the complete ESS fire protection drawings and specifications to the OCFA for review and comment.	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not started				OCFA			SERC	GAL
411	WORKER SAFETY	WORKER SAFETY- 8b.1	PC/CONS	Ju. 540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has JU. Standard for Safety for Inergy Storage Systems and Equiyment, IU. 950 Certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide the complete SSF fire protection drawings and specifications to the CPM for review and approval.	The project owner shall provide the complete ES reportection drawings and specifications to the CPM for review and approval.	At least 60 days prior to the start of construction of the BESS	10/3/2019	5/21/2020	In Progress							SERC	GAL
	WORKER SAFETY	WORKER SAFETY- 8b.2	PC/CONS	UL 9540 Certification - The project owner shall ensure that the lithhum ion battery energy storage system has UL standard for Stepf 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 Crange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Grange 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 complete ESS fire protection drawings and specifications to the CBO for reference only.	UL 9540 certification and drawings and specifications for the ESS to the CBO.	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started		(Ref only)					SERC	GAL

	Α	В	С	D	E	F	G	Н	1	J	K	0	P	Q	R	S	T	U
1	Stanto	n Energy	v Reliabi	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
_	All Phase							6/30/2040				Construction						
3		_										Commissioning						
4				Revised 4/30/2019		Based on Final S	taff 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	Date Approved by	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
413	WORKER SAFETY	WORKER SAFETY- 8c.1	PC/CONS	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall submit a copy of letter from UL stating that the design drawing for the ESS have been reviewed and meet UL 5940 requirements for performing a field certification to the CPM	Letter from UL to CPM	At least 60 days prior to the start of construction of the BESS	10/3/2019		In Progress						<b>G</b>	SERC	GAL
414	WORKER SAFETY	WORKER SAFETY- 8c.2	PC/CONS	Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire	The project owner shall submit a copy of letter from Us stating that design drawings for the ESS have been reviewed and meet UL 5940 requirements for performing a field certification to the CBO	Letter from UL to CBO	At least 60 days prior to the start of construction of the BESS	11/1/2019		Not Started		(Ref only)			UL		SERC	GAL
415	WORKER SAFETY	WORKER SAFETY-8e	CONS	Letter to OCFA - See WORKERSAFETY-8a	copy of a letter sent from the project owner to the OCFA offering collaboration and assistance in developing standard operating procedures for first responders to deal with any	Copy of letter to OCFA offering to develop procedures for first responders to any lithium ion battery fires that may occur at the project site, to CPM for review and approval.	At least 60 days prior to commissioning of BESS	1/30/2020	5/28/2020	In Progress							SERC	GAL
416	WORKER SAFETY	WORKER SAFETY- 8e.1	CONS	Letter to OCFA - See WORKERSAFETY-8a	copy of a letter sent from the project owner to the OCFA offering collaboration and		At least 60 days prior to commissioning of BESS	1/30/2020				(Ref only)		OCFA	1/9/20		SERC	GAL
	WORKER SAFETY	WORKER SAFETY-8f	CONS	Final UL Certification of ESS - See WORKERSAFETY-8a	The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CPM	Final UL Certificaction of ESS to CPM.	Prior to the start of BESS commissioning	4/14/2020									SERC	GAL
417	WORKER SAFETY	WORKER SAFETY-8f.1	CONS	Final UL Certification of ESS - See WORKERSAFETY-8a	The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the	of ESS to CBO for	Prior to the start of BESS commissioning	4/14/2020		Not Started		(Ref only)					SERC	GAL
418					CBO.					Not started								
-									· ·				•	•				

Attachment 3 – Air Quality

Subject Stanton Energy Reliability Center (16-AFC-1C)

**Air Quality Monthly Compliance Report** 

May 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** June 6, 2020

Copies to Mike Malsy, Wellhead

John Kimble, Wellhead

Sharon Stureman, SERC, LLC

Doug Davy, Jacobs Karen Parker, Jacobs

This Monthly Compliance Report (MCR) summarizes the activities conducted at the Stanton Energy Reliability Center (SERC site) in May 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 May 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>&</sup>lt;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 May 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 May 2020 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN
Bobcat	Skidsteer/Loader S630	WX6G44
Case	Skiploader 570NXT	GX6H54
CAT	259D Skid Steer loader	JX4T34
CAT	Skidsteer/Loader Cat 232	ML7P96
Deere	210l Skip Loader	WK9J63
Grove	RT890E Crane	TV8Y87
Hyster	H210HD 21K Forklift	RD6V74
JLG	6042 T4F 6K Reach Forklift	HN6U33
JLG	1255 Rough Terrain Forklift	EY7H78
JLG	JLG 8042	RX6V57
JLG	G518A 5K Forklift	TW9K96
John Deere	Back Hoe 410L	DC9G67
TADANO	Crane GR900XL	DH9V66
Volvo	Roller SD115D	GJ8M45
Xtreme	XR1255 Forklift	VC6G63

Attachment B provides a table summarizing information about the engines, including the CARB Engine Identification Number (EIN), tier, and the dates the equipment was used at the project site. Attachment B also contains the AQ-SC5 daily field checklists for off-road diesel engines



used at site and letters from the equipment owners indicating the equipment has been properly maintained.



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

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.05.20 12-42-25  Michael Malsy Date: 207007007		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Date:  Mike Malsy  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.06.66 12:10:24  Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.66 12:10:24		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Υ	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficien	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.05.20 12-44:11  Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 12-44:11		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?	Υ	
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?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.		
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.05.20 12.44.57  Michael Malsy Digitally signed by Michael Malsy Date: 207005 Date: 2020.05.20 12.44.57		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Υ	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.		
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.05.20 12.45.47  Michael Malsy Digitally signed by Michael Malsy Date: 20700 2020.05.20 12.45.47		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Υ	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.		
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Date:  Mike Malsy  Michael Malsy  Digitally algored by Michael Malsy Date: 2020.05.20 12-46-45  Michael Malsy Digitally algored by Michael Malsy Date: 2020.05.20 12-46-45		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.		
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.05.20 12.47.36  Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 12.47.36		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.		
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.05.20 12-48-33  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Michael Malsy Digitally signed by Michael Malsy Date: 207007007  Date: 207007  Michael Malsy Date: 207007007  Mich		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.		
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.05.20 12.49.37  Michael Malsy Digitally signed by Michael Malsy Date: 20700 Date: 2		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.		
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Date:  Mike Malsy  Michael Malsy  Digitally algored by Michael Malsy Date: 2020.05.20 12:50:23  Michael Malsy Digitally algored by Michael Malsy Date: 2020.05.20 12:50:23		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions. Use of blower devices is expressly forbidden.		
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Date:  Mike Malsy  Michael Malsy  Digitally algored by Michael Malsy Date: 2020.05.20 12:51:14  Michael Malsy Digitally algored by Michael Malsy Date: 2020.05.20 12:51:14		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.05.20 12:51:55  Michael Malsy Date: 207007007		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.05.20 12:52:43  Michael Malsy Date: 205/15/2020		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  Mike Malsy  AQCMM or Delegate signature:  Date:  05/16/2020		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Υ	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Date:  Mike Malsy  Michael Malsy  Digitally algored by Michael Malsy Date: 2020.05.20 12:54:56  Michael Malsy Digitally algored by Michael Malsy Date: 2020.05.20 12:54:56		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.05.20 12:55.41  Michael Malsy Date: 207109		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Υ	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020/05/21 08:55:13  Michael Malsy Digitally signed by Michael Malsy Date: 2020/05/21 08:55:13		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Date:  Date:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020/08/04/21:33:26		Form: SERC-CAQ-001
	Response	
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	(yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Deltally signed by Michael Malsy Delta 2000 06 04 21:34:03  Date:  05/22/2020		Form: SERC-CAQ-001
	Response	
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	(yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  Mike Malsy  AQCMM or Delegate signature:  Date:  Michael Malsy  Digitally signed by Michael Malsy Digitally signed by Digitally signed by Michael Malsy Digitally signed by Digitally signed		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.06.64 21:37:28  Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.64 21:37:28		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.06.64 21:38.05  Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.64 21:38.05		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Date:  Date:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020 08-04 21:38-36  APON  Date: 105/28/2020		Form: SERC-CAQ-001
	Response	T
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	(yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020.06.64 21:39.05  Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.64 21:39.05		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?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Υ	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

AQCMM or Delegate name:  AQCMM or Delegate signature:  Michael Malsy  Date:  Date:  Michael Malsy  Digitally signed by Michael Malsy Date: 2020,09.04 21:39-44		Form: SERC-CAQ-001
	Response	
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	(yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Υ	
Are speed limit signs posted at the main entrances?	Υ	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Υ	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Υ	
Are unpaved exits graveled or treated to prevent track-out?	Υ	
Are equipment and vehicles using designated onsite roads?	Υ	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Υ	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Υ	
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?	Υ	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Υ	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
* The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient	t wetting to	limit the visible dust emissions. Use of blower devices is expressly forbidden.
ADDITIONAL NOTES:		

Month/Year May		Sweeping	Area (Check if	swept)	Operator Signature	Comments
Date	Time	Onsite	Pacific	Fern		
05/02	9:00/4:45	- /	/		Gabriel Espinora	
05/02	9:45 /5:00	/	/	/	Gabriel Espinoza	
05/03	,					off site
05/04	2:30-4:30		/		Gabriel Espinoza	Street Sweeper ordered
05/05	10:30/5:00		/	/	Gabriel Espinoza	
05/06	10:10/3:50	/	V	V	Gabriel Espinora	
05/07	280/4:30	V	V	V		Street Sweeper ordern
05/08	08/230/430	1	/	V		Street Sweeper ordered
65/09	10:14/200	/	/	~	Gabriel Espinasa	
05/10						offsite
05/11	2:30/4:30	~	V	/		Street Sweeper ordered
05/12	9:45/4:00	/	V	/	Gabriel Espinoza	
05/13		/	~	1	Gabriel Espinoza	
05/14	2:30/4:30	/	1	~		Street Sweeper ordered
05/15	10:00/300	V	~		Gabriel Espinoza	
05/16	7:00/4:30		/	V	Gabriel Espinosa	
55/17	Haster 20					off site
05/18	1:00/4:00	V	/	V	Gabriel Espinoza	
05/19	/	. /		1	Cabriel Espinoza	
05/20	9:30/4:00	/	V	1	Gabriel Espinoza	

Month/Yea	r				Operator Signature	Comments
May	2020	Sweeping A	rea (Check if s	wept)		
Date	Time	Onsite	Pacific	Fern		
05/21	10.00 / 3:30	V	V	V	Gabriel Espinoza	
05/22	10:45/2:45	V	V	~	Gabriel Espinoza	
05/23	/				•	offs, te
05/24						offsite
05/25						off site
05/26	9:45/4:00	V	V	V	Gabriel Espiniora	
05/27	11:00/4:30	V	V	1	Gabriel Espinory	
05/28	9:00/2,30				Gabriel Espinioza	
05/29					Gabriel Espinoza	
05/30	11:00/1:45	/			Gabriel Espinoza	
05/31	/					off site
		<b>1</b>				
A.T.						



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

### SERC Offroad Diesel Equipment Inventory May 2020

						Equi	pment					Engine								
<u>Date</u> <u>Arrived</u>	<u>Date</u> <u>Removed</u>	CARB ID 6 digit (EIN)	SERC ID	<u>Manufacturer</u>	Model/Description	Model Year	Serial Number	<u>Owner</u>	<u>Renter</u>	Manufacturer	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	Diesel (hp)	<u>Tier</u>	Engine Certification on File	Compliance Tag	<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	EFPX034DD	FSHFL4ADD	207 CU IN	2014	215914	97	T4	u-r-015-0283	Green tag issued 02/19/2019	
		WC8Y33	SERC_004	Komatsu	PC490LC-11 Excavator	2016	A41491	Lalonde	Ortiz	Komatsu	GKLXL11.0DDC	SAA6D125E-7	11	2016	861305	362	T4	u-r-005-0424	Green tag issued 02/19/2019	
2/20/2019	4/25/2019	UG9N98	SERC_005	CAT	Cat 966M wheel loader	2014	KJP000570	Ortiz	Ortiz	CAT	ECPYL09.3HTF	C9.3	9.3	2014	SYE01292	303	4F	u-r-001-0479	Green tag issued 02/27/2019	
2/20/2019	5/20/2019	YS5A98	SERC_006	САТ	56S - 84" roller	2014	L8H00587	Ortiz	Ortiz	CAT	DPKXL04.4Ml1	C4.4	NA	2013	C7N11131	156.9	41	NA	Green tag issued 02/27/2019	on EPA NRCI data https://www.epa.gov/compliance-and-
2/25/2019	3/8/2019	YV7D79	SERC 007	Volvo	ECR2353l - 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	41	u-r-004-0487	Green tag issued 02/27/2019	
2/27/2019	5/6/2019	DL9A58	SERC_009	Link-Belt	490X4	2017	LBX490Q7NGHEX1139	Lalonde	Ortiz	Isuzu Motors Limited	GSZXL09.8QXA	6UZ1	NA	2016	527667	362	4	u-r-006-0421	Green tag issued 02/27/2019	
2/26/2019	3/1/2019	SK8574	SERC_010	CAT	450F - Backhoe	2016	HJR00594	Lalonde	Ortiz	Perkins Engine Company	EPKXL04.4MK1	C4.4	4.4	2014	C7N36796	127	4	u-r-022-0191	Green tag issued 02/27/2019	
2/27/2019	5/20/2019	JG9B74	SERC_011	John Deere	210L Skip Loader	2017	1T8210LXPHF894289	Ortiz	Ortiz	John Deere	HJDXL04.5315	404HT096	4.5	2017	PE4045U052929	93	 4F	u-r-004-0537	Green tag issued 02/27/2019	
3/6/2019	3/19/2019	SF7A56	SERC_012	CAT	Rough Terrain Forklift	2017	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.3	2017	44800893	125	<u>-11</u>	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	2012	TFS00270	Ortiz	Ortiz	CAT	BCPXL09.3HPA	C9.3	9.3	2012	MME03431	274	41	u-r-001-0409	Green Tag issued on 3/15/2019	
3/20/2019	3/25/2019	YJ4K66	SERC_013	JLG	Forklift - 54'	2011	160057617	Sunstate	ARB	Cummins	DCEXL04.5AAE	QSB\$.5	4.5	2011	73617640	130	41	u-r-002-0586	Green Tag issued on 3/22/2019	while SERC ID: SERC_012 is offsite for
3/21/2019	8/30/2019	KT3V94	SERC_015							1			1				41			ropaire
				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	41	u-r-022-0176-1	Green Tag issued on 3/22/2019	Formerly SERC_012 (was removed on 3/19 for repairs and returned on 3/22)
3/28/2019	4/25/2019	LG4L96	SERC_017	Genie	Aerial Lift	2001	50845	United Rentals	Newtron	Deutz AG	DDZXL02.9021	D2.9L4	2.925	2014	11511469	49	T4	u-r-013-0443	Green Tag Issued on 4/1/2019	
4/5/2019	12/11/2019	JW5N58	SERC_018	Genie	5K Reach Fork	2015	10366180	United Rentals	Newtron	Deutz AG	FDZXI02.9020	TD2.9L4	2.9	2015	h	74	4	u-r-013-0496	Green Tag issued on 4/11/2019	
4/10/2019	4/23/2019	BG8T73	SERC_019	John Deere	JD650JLTDozer	2009	T0650JX172684	Savala Equipment Rentals	Ortiz	John Deere	8JDXL06.8105	4045HT057		2008	PE4045L068083	115	3	u-r-004-0313	Yellow Tag issued on 4/11/2019	
4/26/2019	5/15/2019	BS9V43	SERC_020	John Deere	JD550K XLT Dozer	2015	1T0550KXHEE273832	Savala Equipment Rentals	Ortiz	John Deere	FJDXL04.5211	4045 HT070 A,B,C,D	4.5	2015	R534172-B	85	4	u-r-004-0499	Green Tag issued on 4/30/2019	
5/8/2019	5/22/2019	WW5G33	SERC_021	Bobcat	T 590 Skid Steer	2017	ALJU23845	United Rentals	ARB	Doosan	HDICL02.4LEA	D24NAP	2.392	2017	D24NAP7105046LE	66	4	u-r-019-0145	Green Tag Issued 5/14/2019	
5/14/2019	5/20/2019	DF9E37	SERC_022	Case	721G Wheel Loader	2017	NGF240121	United Rentals	Ortiz	Fiat Power Train	GFPXL06.7SDB	F4HFE613TB	4.5/6.7	2016	1444310	145	4F	u-r-015-0322	Green Tag Issued 5/14/2019	
5/22/2019	9/23/2019	NG3U86	SERC_023	CAT	259D Skid Steer Loader	2018	FTL14586	ARB	ARB	Kubota	HKBXL03.3EKD	C#.3B	3.3	2017	8HQ0121	73.2	4	u-r-025-0733	Green Tag Issued 5/24/2019	
6/18/2019	5/15/2020	WK9J63	SERC_024	Deere	210l Skip Loader	2016	1T8210ELLGJ893464	ARB	N/A	John Deere Power Systems	FJDXL04.5212	4045HT072	4.52	2016	PE4045R108158	70	4	ARB EO not available. Verified using EPA data.	Green tag issued 06/19/2019	
7/9/2019	8/7/2019	TF6J89	SERC_025	Extreme Manufacturing	XR2045 Forklift	2018	XR2045-11-17119380	Ellis	ARB	Deutz AG	HDZXL03.6050	TCD3.6L4	3.621	2017	12076911	134	4	u-r-013-0536	Green tag issued 7/16/2019	
7/22/2019	7/26/2019	TP8N95	SERC_026	Case	580 Super N Back Hoe	2014	JJGN58SNKEC705265	Tom's Back Hoe	ARB	FPT	EFPX L03.4ADD	F5HFL413C*A	3.4	2014	000189488	97	4	u-r-015-0259-1	Green Tag Issued 7/26/2019	Removed from on date green tag was issued.
8/7/2019	12/27/2019	VT6H48	SERC_027	Xtreme Manufacturing	XR2045 Forklift	2018	XR2045-11-18039329	Ellis	ARB	Deutz AG	HDZXL03.6060	TCD 3.6 L4	3.621	2017	12103041	134	4	u-r-013-0536	Green Tag Issued 8/13/2019	
8/14/2019	8/27/2019	RS6W99	SERC_28	Cummins	6K Reach Forklift	2014	10362305	United Rentals	Newtron	Cummins	ECEXL06.7AAH	QSB3.s	6.7	2014	68619362	129	41	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	Ţ,
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	S ARB	Cummins	2CEXL0661AAF	QSM11	11	2008	35055789	350	2	u-r-002-0144	Green Tag Issued 9/5/2019	Tier relief requested. CEC received notification from Hong Zhuang (AQCMM) on 9/3/2019.
9/10/2019	5/1/2020	HN6U33	SERC_032	JLG	6042 T4F 6K Reach Forklift	2016	160073851	United Rentals	Newtron	Cummns	FCEXL03.8AAA	QSF3.8	3.8	2015	89276073	89	4	U-R-002-0620	Green Tag Issued 9/12/2019	, , , , , , , , , , , , , , , , , , , ,
9/13/2019	9/18/2019	166565	SERC_033	Catapillar	XQ200 Generator	2014	CAT00C71KMRP00571	Quinn Power	MSTS	Catapillar	DPKXL7.01BL1	C7.1	7.01	2014	E7B00723		4		Blue Tag Issued 9/13/2019	Removed from site 9/18/2019. Green tag not issued
9/16/2019	10/25/2019	WP9E86	SERC_034	JLG	660SJ Manlift	2015	300206993	Sunstate	ARB	Deutz	FDZXL02.9020	TD2.9L4	2.925	2015	11777630	67	4	u-r-013-0496	Green tag issued 9/20/2019	
9/23/2019	1/31/2020	XG7V58	SERC_035	Grove	GRT880 Crane	2017	235778	ARB	ARB	Cummins	GCEXL06.7AAK	QSB6.7	6.7	2016	74026109	275	4	u-r-002-0639	Green Tag Issued 10/01/2019	
10/8/2019	2/24/2020	NL7M56	SERC_036	JLG	600AJ Articulating Boom Lift	2014	10281594	United Rentals	ARB	DEUTZ	EDZXL02.9020	TD2.9L4	2.19	2014	11598545	67	4	U-R-013-0472	Green Tag Issued 10/22/2019	
10/25/2019	11/4/2019	SG9H76	SERC_037	JLG	860SJ 85' Boom lift	2017	300233300	Sunstate Rentals	ARB	Deutz	HDZXL02.9020	TD2.94L	2.925	2017	12033372	67	4	u-r-013-0527	Green Tag Issued 10/31/2019	
11/4/2019	4/28/2020	DA7T55	SERC_038	CAT	308E2 Excavator	2014	FXJ01664	ARB	ARB	Kubota	EKBXL03.3EKD	C3.3B	3.3	2014	8EE2909	65	4	u-r-025-0614	Green Tag issued 11/21/2019	
		<u> </u>	1	1	EXCAVALUI	1		<u> </u>	<u> </u>	1		<u> </u>	1	<u>ı                                      </u>				l .	<u> </u>	

### SERC Offroad Diesel Equipment Inventory May 2020

						Equi	ipment					Engine							
<u>Date</u> <u>Arrived</u>	<u>Date</u> <u>Removed</u>	CARB ID 6 digit (EIN)	SERC ID	<u>Manufacturer</u>	Model/Description	Model Year	Serial Number	<u>Owner</u>	<u>Renter</u>	<u>Manufacturer</u>	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	<u>Diesel</u> (hp)	Tier Engine Certification on Fi	e <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	JKBXL03.3EKD	C3.3B	3.33	2018	8JQ3031	73	4 u-r-025-0786	Green Tag issued 11/21/2019	
11/20/2019	2/21/2020	SX6J96	SERC_041	JLG	800AJ Boom Lift	2018	10790746	United Rentals	ARB	Deutz	JDZXL02.9020	TD2.94L4	2.9	2018	12165591	67	4 u-r-013-0553	Green Tag issued 11/21/2019	Transfer Renter from Newtron to ARB on 1/28/2020. Egpt remain on site.
11/21/2019	1/14/2020	JJ6V59	SERC_042	JLG Boom Lift	660SJ Boom Lift	2018	300246305	Sunstate	ARB	Deutz	JDZXL02.9020	TD2.9L4	2.92	2018	12163940	67	4 u-r-013-0553	Green Tag issued 11/21/2019	, , , , , , , , , , , , , , , , , , , ,
12/2/2019	12/20/2019	TP8N95	SERC_043	Case	580 Super N Back Hoe	2014	JJGN58SNKEC705265	Tom's Back Hoe	ARB	FPT	EFPX L03.4ADD	F5HFL413C*A	3.4	2014	000189488	97	4 u-r-015-0259-1	Green Tag issued 12/5/12019	Formerly SERC_026
12/9/2019	12/12/2019	BJ8F34	SERC_044	Bob cat	Bobcat S630 Skid Steer Loaded	2017	AHGL13302	Sunstate	Alcorn Fence	Doosan	GDICL2.4LEA	D24	2.94	2017	6087495	74	4 u-r-019-0141	Green tag not issued	Equipment left in 4 days.
12/11/2019	12/17/2019	JL7G69	SERC_045	JCB	509-42 Rough Terrain Forklift	2015	10423918	United Rentals	Newtron	JCB Power Systems	EJCBL04.4TA9	444 TA4-81 L1A	4.4	2014	40983U3460614	109	4I U-R-049-0036	Green Tag issued 12/17/2019	
12/11/2019	4/10/2020	XS3Y34	SERC_046	JCB	509-42 Rough Terrain Forklift	2014	10265927	United Rentals	Newtron	JCB Power Systems	EJCBL04.4TA9	444 TA4I-81L1	4.4	2014	SH320/40532U0619714	109	4I U-R-049-0036	Green Tag issued 12/17/2019	
12/12/2019	5/4/2020	JX4T34	SERC_047	CAT	259D Skid Steer loader	2019	FTL20141	Quinn Heavy Rents	ARB	Kubota	JKBXL03.3EKD	C3.3B	3.33	2018	8JQ3031	73	4 u-r-025-0786	Green Tag issued 12/17/2019	Formerly SERC_040
12/13/2019	1/29/2020	DC5H96	SERC_048	JLG	G10-55A 55' Forklift	2017	160079607	Sunbelt Rentals	Alcorn Fence	Cummins	GCEXL03.8AAA	QSF3.8	3.8	2016	89880083	130	4 U-R-002-0640-1	Green Tag issued 12/17/2019	
12/17/2019	3/11/2020	EK5E78	SERC_049	JLG	1255	2017	10613792	United Rentals	Newtron	Cummins	HCEXL03.8AAA	QSF3.8	3.8	2017	89919032	130	4 U-R-002-0645	Green Tag issued 12/23/2019	
12/27/2019	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 issed. Equipment no used	t 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	Onsite	RX6V57	SERC_060	JLG	JLG 8042	2013	0160050533	Sunstate	TTSC	Cummins	CCEXL03.3ADA	QSB3.3	3.3	2012	68603511	71	4 U-R-002-0583	Green tag issued 4/25/2020	
4/22/2020	4/24/2020	PM5V39	SERC_061	Volvo	Roller DD120C	2020	VCED120CAOS288151	LaLonde	Boer	Deutz AG	JDZXL04.1054	D4J	4.038	2018	12306227	148	4 U-R-013-0548-1	Green tag not issued. Equipment left in 2 days	
4/22/2020	5/26/2020	GX6H54	SERC_062	Case	Skiploader 570NXT	2013	JJGN570NTDC593026	Boer	Boer	FPT Industrial S.P.A.	DFPXL03.4ADD	570NXT	3.4	2013	131485	63	4 U-R-015-0252	Green tag issued 4/25/2020	
4/24/2020	5/6/2020	GJ8M45	SERC_063	Volvo	Roller SD115D	2020	VCES115BLOS236666	LaLonde	Boer	Deutz AG	KDZXL04.1054	D4J	4.038	2019	12439114	148	4 U-R-013-0580	Green tag issued 4/28/2020	
4/29/2020	4/29/2020	NE8T75	SERC_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	n tag not issued. Equipment left san	ne 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	Onsite	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		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	Onsite	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	Green tag issued 6/1/2020	

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatu	re: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 12:59:33 -0700'	
Date:05/01/2020		

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

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy
AQCMM or Delegate signature	: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13:00:20 -07000
05/00/0000	

Date:	05/02/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13:02:17 -0700
Date: 05/04/2020	

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

ADDITIONAL NOTES:	

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maintenance.

If yes, the onsite Delegate shall notify equipment owner immediately about the need for

Are off-road engine fluid leaks visible?

AQCMM or Delegate signature:  Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13.04.01 -0.7007	AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-00
	AQCMM or Delegate signature	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13:04:01-0700'	

Date: 05/05/2020
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Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall:  1.) Contact the equipment owner and request the required equipment/engine data,  2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and  3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCCM.
Are AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13:05:00 -0700	
Date: 05/06/2020		

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-C
AQCMM or Delegate signature:  Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13:05:40-0700	
05/07/2020	

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

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13:06:21-0700'	
Date: 05/08/2020		

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature:  Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13.07.21 -0.700	
Date: 05/09/2020	

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

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13:08:29-0700'	
Date: 05/11/2020		

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

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13:09:08-07'00'	
Date: 05/12/2020		

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

ADDITIONAL NOTES:		

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature	Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13:10:17 -0700'	
Data: 05/13/2020		

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

Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?

Are off-road engine fluid leaks visible?

ADDITIONAL NOTES:		

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maintenance.

If no, the onsite Delegate shall notify the equipment owner and/or operator of the

If yes, the onsite Delegate shall notify equipment owner immediately about the need for

requirement to limit idling to the extent practical.

AQCMM or Delegate name:	Mike Malsy
AQCMM or Delegate signature	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13:11:01-0700
Date: 05/14/2020	

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Ma	alsy	Form:
AQCMM or Delegate signature: Micha	ael Malsy Digitally signed by Michael Malsy Date: 2020.05.20.13.11.39-0700	
Date: 05/15/2020		

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

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature	Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13:12:54 -0700'	

Date:	05/16/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13:13:47 -07'00'	
Date: 05/18/2020		

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

ADDITIONAL NOTES:

Ν

maintenance.

If yes, the onsite Delegate shall notify equipment owner immediately about the need for

Are off-road engine fluid leaks visible?

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-00
AQCMM or Delegate signature	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.20 13:14:37-07'00'	
Date: 05/19/2020		

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

ADDITIONAL NOTES:	

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.05.21 08:54:27 -0700'	
Date: 05/20/2020		

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

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature	Michael Malsy Date: 2020.06.04 21:25:31 -0700'	
Date: 05/21/2020		

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

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.04 21:26:12-0700'	
Date: 05/22/2020		

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

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.04 21:26:48 -0700'	
Date: 05/23/2020		

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAC
AQCMM or Delegate signature:  Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.04 21:28:16-0700	
Date: 05/26/2020	

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-0
AQCMM or Delegate signature: Michael Malsy Date: 2020.06.04 21:28:49-0700	
Date: 05/27/2020	

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

AQCMM or Delegate name: Mike Mals	sy	Form: SERC-CAQ-003
AQCMM or Delegate signature: Michae	el Malsy Digitally signed by Michael Malsy Date: 2020.06.04 21:29:20-0700	
Date: 05/28/2020		

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

ADDITIONAL NOTES:		

AQCMM or Delegate name:	Mike Malsy
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.04 21:30:15-0700
Date: 05/29/2020	

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

ADDITIONAL NO	OTES:			

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.04 21:31:51 -0700'	

Date: 05/30/2020

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

ADDITIONAL NOTES:



June 1, 2020

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

Attn: Tim Bofman

**Project Compliance** 

RE: Maintenance and Inspection of Equipment

Dear Mr. Bofman:

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

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter
2/4/2019	5/1/2020	VC6G63	SERC_001	Xtreme	XR1255 Forklift	2016	XR1255031693102	ARB	ARB
6/18/2019	5/15/2020	WK9J63	SERC_024	Deere	210l Skip Loader	2016	1T8210ELLGJ893464	ARB	ARB
12/12/2019	5/4/2020	JX4T34	SERC_047	CAT	259D Skid Steer loader	2019	FTL20141	Quinn Heavy Rents	ARB
12/27/2019	5/22/2020	EY7H78	SERC_050	JLG	1255 Rough Terrain Forklift	2018	0160084318	ARB	ARB

Respectfully,

EN STEVE EICCHBY

Steven Fischer ARB, Inc.

Project Manager

# BOER BACKHOE, INC

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

May 27, 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:

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

Respectfully,

Sherry L. Boer
President

# BOER BACKHOE, INC.

EIN	SERC ID	VEH. Manufacturer	MODEL YEAR	MODEL/DESCRIPTION	ENG TIER
DC9G67	SERC-56	JOHN DEERE	2016	410L TRACTORS/LOADERS/BACKHOES	T4F
GX6H54	SERC-62	CASE	2013	570NXT SKIPLOADER	T4
GJ8M45	SERC-63	VOLVO	2020	SD115D ROLLER	T4



Reliable Crane Service 7582 S. Las Vegas Blvd Ste. 527 Las Vegas, NV 89123 702 269-7066 Office 800 507-2366 Fax

May 30, 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 05/2020, Reliable performed inspections and maintenance at the required regularly scheduled intervals.

EIN Number SERC ID TV8Y87 N/A Manufacturer Model/Description RT890E

Year 2015

If you have any questions, please contact me at 702-370-2730

Sincerely, CRANESERVICE

Thomas Preston
Operations Manager



June 1, 2020

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

Attn: Tim Bofman

**Project Compliance** 

RE: Maintenance and Inspection of Equipment

Dear Mr. Bofman:

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

CARB ID 6 digit (EIN)	SERC ID	<u>Manufacturer</u>	Model/Description	Model Year
HN6U33	SERC_032	JLG	6042 T4F 6K Reach Forklift	2016

Respectfully,

Louie Lozoya Newtron LLC

General Superintendent



May 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 05/2020, TTSC performs inspections and maintenance at the required regularly scheduled intervals. See the attached AQCMP Equipment Log.

<b>EIN Number</b>	SERC ID	Manufacturer	<b>Model / Description</b>	Year
WX6G44	N/A	Bobcat	Bobcat S630	2016
TW9K96	N/A	JLG	G518A	2017
RX6V57	Serc 60	JLG	JLG-8042	2013
RD6V74	Serc 59	Hyster	H210HD	2017

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

Sincerely,

Nathen Howard Construction Manager



# ALCORN FENCE COMPANY

9901 GLENOAKS BLVD., SUN VALLEY, CA 91353-1249 TELEPHONE (323) 875-1342 FAX (818) 768-9719

May 27, 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 05/2020 for skid steer 58366-21, Cole Equipment, Inc. performs inspections and maintenance at the required regularly scheduled intervals. Intervals include, but are not limited to, rental return check-in, 500 hour service, and a rental check-out.

58366-21, EIN: ML7P96, CAT 232, Tier 4, 2015

If there are further questions, please feel free to contact us at 951-367-0220.

Thank you,

Ashley Mosiman
Outside Rental Representative
Cole Equipment Inc.



## Monthly Inspection and Maintenance of Equipment

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

### TTS Construction

Mr. Cranes unit TC-110 (Liebherr LTM1080) AT-501 (LTM1400) & 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

If you have any questions, please feel free to contact me at 714-981-0160 freddie@mrcrane.com

Sincerely,

Freddie Gomez

Operations & Service Manager
Preddie Same 108

Attachment 4 –Biological Resources





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

Memorandum

Subject Stanton Energy Reliability Center (16-AFC-1)

**Biological Resources Monthly Compliance Report** 

May 2020

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs

SERC CEC Designated Biologist

**Date:** June 8, 2020

Copies: Sharon Stureman, SERC, LLC

Doug Davy, Jacobs Karen Parker, Jacobs

### 1. Introduction

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

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

### 2. Monitoring Summary

This section summarizes biological monitoring activities conducted during the May 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 May 2020 reporting period biological monitoring was conducted on the SERC site five times per week (except for the Memorial Day holiday). Active Nest Notifications are provided in Appendix A.

Daily Biological Resources Compliance Monitoring Logs are provided in Appendix B. A list of wildlife species observed during the monitoring events are included in Appendix C.

### 2.1 Activities Monitored

SERC construction activities were monitored daily from May 1 through May 31, 2020 (Monday-Friday, except for the Memorial Day holiday). 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 and construction on the natural gas pipeline. 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 May 2020 reporting period on the SERC site:

- A house finch (*Haemorhous mexicanus*) nest was identified on April 10, 2020 during a nest survey at 10680 Fern Avenue, Stanton. The nest was located at approximately 33.8070995 latitude and -117.9879882 longitude. The nest was located in the northwest corner of the proposed "Parcel B Warehouse," on the underside of the warehouse awning. The biological monitor observed that the nest successfully fledged. The nest was determined to be no longer active on May 15, 2020.
- 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. An egg was found broken on the ground below the nest on May 6, 2020 (see Section 2.4 and Appendix D). This nest was active through the end of the May 2020 reporting period.
- A mourning dove (Zenaida macroura) nest was identified on April 22, 2020 during a nest survey
  at 10680 Fern Avenue, Stanton. The nest was located at approximately 33.8073184 latitude and
  117.9881956 longitude. The nest was located north of Parcel B on the underside of the
  warehouse awning. The biological monitor observed that the nest successfully fledged. The nest
  was determined to be no longer active on May 21, 2020.
- A mourning dove (Zenaida macroura) nest was identified on April 27, 2020 in the eastern SERC parcel. The nest was located at approximately 33.806427 latitude and -117.9865712 longitude. The nest was on an overhead wire rack, approximately 20 feet above the ground. The rack is located at the intersection of the two access roads on the eastern parcel and contains energized high voltage lines. The biological monitor observed that the nest successfully fledged. The nest was determined to be no longer active on May 21, 2020.
- A mourning dove (Zenaida macroura) nest was identified on May 5, 2020 in the eastern SERC parcel. The nest was located at approximately 33.8069070 latitude and -117.9848149 longitude. The nest was in a trash dumpster enclosure near the Dale Avenue entrance. After a week of

inactivity, the nest was determined to be no longer active on May 27, 2020 and two eggs were removed (see Section 2.4 and Appendix D).

- A mourning dove (Zenaida macroura) 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. This nest was active through the end of the May 2020 reporting period.
- A mourning dove (*Zenaida macroura*) 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. This nest was active through the end of the May 2020 reporting period.

Active Nest Notifications are provided in Appendix A. Nesting behaviors and inactive or non-protected (non-native) nests observed during monitoring are described in further detail in the Biological Resources Compliance Monitoring Logs (Appendix B) and in the Wildlife Observations Forms (Appendix D).

### 2.3 Special-Status Species

No special status species were observed during the May 2020 reporting period. A list of wildlife species observed during monitoring is included in Appendix C.

### 2.4 Wildlife Injuries and Mortalities

No injured wildlife species were observed within the SERC boundary or survey area; however, damaged/abandoned bird eggs were observed during the May reporting period. The following is a summary of this month:

- One mourning dove (Zenaida macroura) egg was found broken on the ground with a visible embryo on May 6, 2020 on the eastern SERC parcel. It was found below the nest located at approximately 33.8067461 latitude and -117.9852721 longitude. The nest continued to be active after the broken egg was found.
- Two mourning dove (*Zenaida macroura*) eggs were considered abandoned on May 27, 2020 on the eastern SERC parcel after a week of inactivity at the nest. The eggs were in the nest located at approximately 33.8069070 latitude and -117.9848149 longitude.

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

### 2.5 Hazardous Material Spills

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

### 2.6 Non-Compliance Report

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

# 3. WEAP Training

On-site staff received WEAP training prior to starting work on site. A total of 86 persons completed the SERC WEAP training in May 2020. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix E.

Appendix A Active Nest Notifications

From: <u>Heiser, John@Energy</u>

To: Edens, Ava/SCO; Valand, Andrew@Wildlife; Christine Medak@fws.gov
Cc: Tim Bofman; Mike Malsy; Parker, Karen/SAC; Davy, Doug/SAC

Subject: [EXTERNAL] RE: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)

**Date:** Thursday, May 7, 2020 9:06:17 AM

Good morning Ava, thank you for sending in the observation form and photos. Have forwarded to CFC staff for review.

### Cheers!

### John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>

**Sent:** Wednesday, May 06, 2020 5:43 PM

**To:** Heiser, John@Energy < john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife

<Andrew.Valand@wildlife.ca.gov>; Christine\_Medak@fws.gov

**Cc:** Tim Bofman <tbofman@wellhead.com>; Mike Malsy <mmalsy@wellhead.com>; Parker,

Karen/SAC <Karen.Parker@jacobs.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com> **Subject:** Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)

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

Dear John,

An active mourning dove (*Zenaida macroura*) nest was identified on the eastern parcel of the Stanton Energy Reliability Center (SERC) yesterday, May 5, 2020. The nest is located at approximately 33.8069070 latitude and -117.9848149 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 and extends approximately 5 feet out from the front and sides of the enclosure. See attached photographs in the Wildlife Observation Form and photographs taken today by the biological monitor.

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

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

Thank you,

Ava

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

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# Stanton Energy Reliability Center (SERC) Wildlife Observation Form

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

Date and Time		Observer	Observer's Employer
5/5/2020 2:50 p.m.	Mike Malsy		Wellhead
Location of Observation (in	clude time spotted and	d coordinates if possible	e)
Trash dumpster enclosure	2		
Wildlife Species Name		Condition of Wildlife	(alive/dead, size, age, weight, etc.)
Dove		Alive	
Cause of Injury or Mortality	y and time of death (If	unknown, enter "unkno	wn")
N/A			
Current Location of Animal	4		
Bird in nest with egg.			
Is the Biological Resourc	e in Danger of Being	Impacted by Project	or Other Site Activities?
Yes X No	N/A		
If Yes, Explain			
Additional Comments		000 p. 000 p. 000 p. 000 p. 1	left the nest and picture was taken. There was no egg
found in the nest. The pictory	ure was e-mailed to a	Ava Edens for permis Nesting material remo	sion to remove nesting material.
Bird returned overnight , b and protection of the bird.		egg in the same loca	tion. Barricade was set up to allow both access to the site

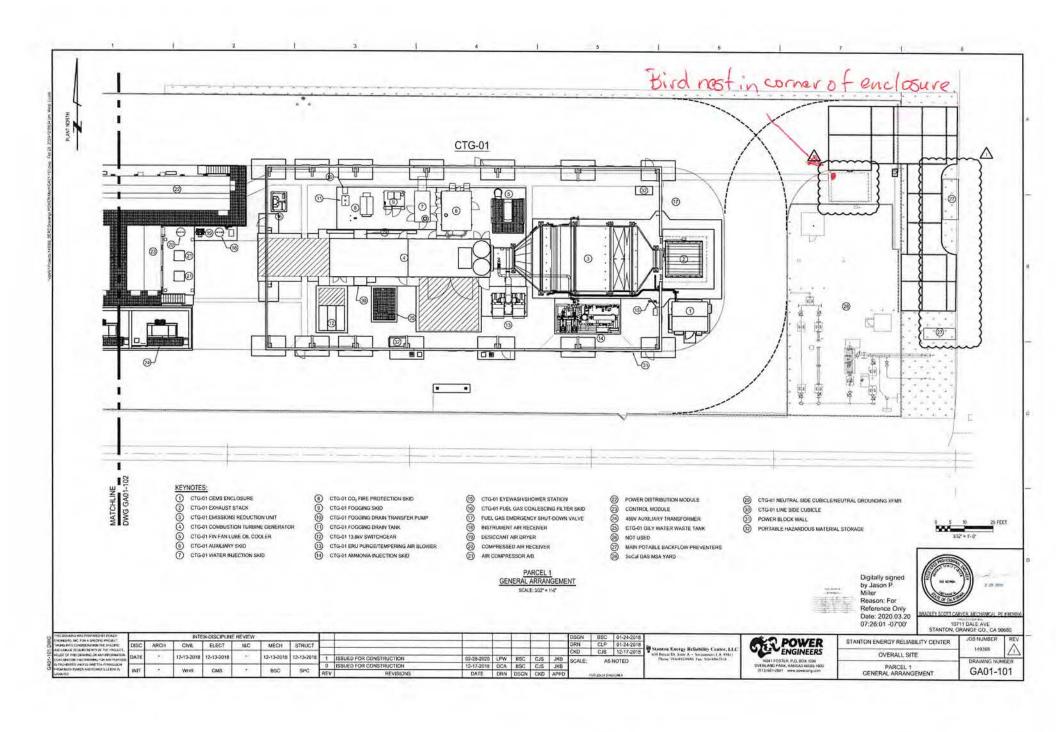
### Photo 1



 Location
 Trash Enclosure
 Description
 Enclosure cordoned off for protection of bird

### Photo 2

Location Description



### Photo 1



Location

SERC - Eastern Parcel

Description

Location of new active mourning dove nest (MODO #3) in the northwest corner of the trash enclosure at the Dale Avenue entrance of the East parcel, facing northwest. An adult was sitting on the nest in incubation position and a second adult was perched nearby.

### Photo 2



Location

SERC - Eastern Parcel

Description

No-disturbance buffer established around the new active mourning dove nest (Nest #3), facing south. The size and shape of the buffer accommodates/utilizes the surrounding infrastructure and accounts for the existing visual buffers around the nest.

From: Heiser, John@Energy
To: Tim Bofman; Edens, Ava/SCO

Subject: [EXTERNAL] SERC Recent Bio - 8 bird nest notification

**Date:** Friday, May 8, 2020 6:49:38 AM

Good morning Tim and Ava, CEC Bio staff approved the recent morning dove bird nest notification.

Cheers!

John

From: <u>Heiser, John@Energy</u>

To: <u>Edens, Ava/SCO</u>; <u>Valand, Andrew@Wildlife</u>; <u>Christine Medak@fws.gov</u>

Cc: Tim Bofman; Mike Malsy; Parker, Karen/SAC; Davy, Doug/SAC; Taylor, Tia@Energy

Subject: [EXTERNAL] Re: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)

**Date:** Tuesday, May 19, 2020 4:27:04 PM

Hello Ava, Bio staff approved the bird nesting notification dated 05/18/20.

Thank you.

John

**From:** Edens, Ava/SCO <Ava.Edens@jacobs.com>

**Sent:** Tuesday, May 19, 2020 7:20 AM

**To:** Heiser, John@Energy <john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine\_Medak@fws.gov <Christine\_Medak@fws.gov > **Cc:** Tim Bofman <tbofman@wellhead.com>; Mike Malsy <mmalsy@wellhead.com>; Parker,

Karen/SAC <Karen.Parker@jacobs.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com> **Subject:** Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)

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

Dear John,

A mourning dove (*Zenaida macroura*) nest was identified in the eastern parcel of the Stanton Energy Reliability Center (SERC) yesterday, May 18, 2020 an is presumed active. The nest is located at approximately 33.80684896 latitude and -117.98636900 longitude. The nest is on an overhead wire rack, approximately 20 feet above the ground, similar to the mourning dove nest identified on April 27, 2020. The rack is located at the intersection of the two access roads on the eastern parcel and contains energized high voltage lines.

Existing visual barriers present at the nest site make the nest difficult to see except for from the base of the rack. The nest could not be accessed to confirm the presence of eggs but is presumed active. Regular project traffic occurs daily on the adjacent access roads to the north and east of the nest, however no construction activities are anticipated at the nest location. A no-disturbance buffer zone has been established around the four vertical posts at the base of the rack with flagging and signage. See attached photographs.

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

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

Thank you,

### Ava

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

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### Photo 1



Location

SERC - Eastern Parcel

Description

Overview of the new mourning dove nest located in the GSU overhead rack east/south of the access roads (MODO East #4), facing southeast. Construction activities near the nest buffer included foot traffic. No adults were present in the area but the nest is complete and presumed active.

### Photo 2



Location

SERC – Eastern Parcel

Description

A no-disturbance buffer was established below the new nest (MODO East #4) with flagging and signage (approximately 4x4 feet). The nest is approximately 20 feet above ground at the southwest vertical beam.

From: <u>Heiser, John@Energy</u>

To: <u>Edens, Ava/SCO; Valand, Andrew@Wildlife; Christine Medak@fws.gov</u>
Cc: <u>Tim Bofman; Mike Malsy; Parker, Karen/SAC; Davy, Doug/SAC</u>

Subject: [EXTERNAL] Re: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)

**Date:** Monday, June 1, 2020 10:07:54 AM

Good morning Ava, CEC Bio staff reviewed the recent report from May 27, 2020 regarding the mourning dove (*Zenaida macroura*) nest that was identified in the western parcel of the Stanton Energy Reliability Center (SERC) yesterday, May 27, 2020 and is presumed active. The nest is located at approximately 33.80674033 latitude and -117.98714119 longitude. The nest is under the awning on the northeast corner of the RO system approximately 12 feet above the ground.

Bio staff has approved via email dated 05/29/2020.

Thank you.

John

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

**Sent:** Friday, May 29, 2020 9:16 AM

To: Edens, Ava/SCO <Ava.Edens@jacobs.com>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine\_Medak@fws.gov <Christine\_Medak@fws.gov> Cc: Tim Bofman <tbofman@wellhead.com>; Mike Malsy <mmalsy@wellhead.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com> Subject: Re: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)

Good morning Ava, thank you for seding in the active bird nest notificatoopn for SERC. I have forwarded the information to CEC bio staff for review.

Cheers!

John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>

**Sent:** Thursday, May 28, 2020 3:11 PM

**To:** Heiser, John@Energy < john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine\_Medak@fws.gov <Christine\_Medak@fws.gov> **Cc:** Tim Bofman <tbofman@wellhead.com>; Mike Malsy <mmalsy@wellhead.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>; Davy, Doug/SAC <Doug.Davy@jacobs.com> **Subject:** Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)

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

Dear John,

A mourning dove (*Zenaida macroura*) nest was identified in the western parcel of the Stanton Energy Reliability Center (SERC) yesterday, May 27, 2020 and is presumed active. The nest is located at approximately 33.80674033 latitude and -117.98714119 longitude. The nest is under the awning on the northeast corner of the RO system approximately 12 feet above the ground.

Existing visual barriers present at the nest site make the nest difficult to see except for near the awning support post. 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 photographs.

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

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

Thank you, Ava

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

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# Stanton Energy Reliability Center (SERC) Wildlife Observation Form

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Dute and 11	me		Observer	Observer's Employer
May 27, 20	020		Cara Snellen	Jacobs
Location of Observ	ration (inclu	ıde time spotted ar	nd coordinates if possible)	
			awning (beam ledge of northe above ground. Coordinates: 33	ast awning corner) near eastern boundary of the .80674033, -117.98714119.
Wildlife Species Na	ame		Condition of Wildlife (alive/de	ad, size, age, weight, etc.)
Mourning dove (Z	enaida ma	croura)	Live	
Cause of Injury or	Mortality a	nd time of death (If	f unknown, enter "unknown")	
I/A				
Comment I continue	fanimal			
Current Location o	-			
Current Location o	-	enter (SERC)		
	-	enter (SERC)		
	-	enter (SERC)		
Stanton Energy Re	liability Ce		ng Impacted by Project or Oth	er Site Activities?
Is the Biological	Resource	in Danger of Bein	ng Impacted by Project or Othe	er Site Activities?
Is the Biological	liability Co		ng Impacted by Project or Othe	er Site Activities?
Stanton Energy Re	liability Co	in Danger of Bein	ng Impacted by Project or Oth	er Site Activities?
Is the Biological Yes No	liability Co	in Danger of Bein	ng Impacted by Project or Oth	er Site Activities?
Is the Biological Yes No	liability Co	in Danger of Bein	ng Impacted by Project or Oth	er Site Activities?
Is the Biological Yes No	liability Co	in Danger of Bein	ng Impacted by Project or Otho	er Site Activities?

### **Additional Comments**

An active mourning dove nest (MODO West #5) was observed on a beam ledge under the northeast 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 approached the nest and the pair switched places. Neither adult was disturbed by the presence of the biologist. The nest location is approximately 12 feet above the ground and is partially concealed by the vertical post, the beam ledge (south)/beam face (north), 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. No work will be conducted near the nest until the BESS is complete and the RO system is connected (estimate 1 month). Nearby construction activities in the area include foot traffic and truck ingress/egress on the access road located approximately 60 feet north of the nest. However, construction activities are visually buffered by the large RO tank to the northwest and the stationed truck trailer to the north. A nodisturbance buffer was established below the nest around the main vertical post and two posts supporting overhead pipes (approximately 4x4 feet) with flagging and signage.



Location

SERC – Western Parcel

Description

Closeup of active mourning dove nest (MODO West #5) located in the northeast 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.

## Photo 2



Location

SERC - Western Parcel

Description

Overview of the MODO West #5 location on a beam ledge under the northeast 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 (south)/beam face (north), and surrounding awning infrastructure. A no-disturbance buffer was established around the main vertical post and two posts supporting overhead pipes below the nest (approximately 4x4 feet) with flagging and signage.



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 northeast 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 fencing, large RO tank, stationed truck trailer, and other SERC infrastructure, effectively screening the nest from Project noise and activity (although not shown in Google Earth image). Coordinates: 33.80674033, -117.98714119.

Appendix B Biological Resources Compliance Monitoring Logs

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

Date				Time (Begin-End)		
May 1, 2020		Cara Snellen			0900-1045	
Temperature (°F)	Wine	d (mph)	Precipitation amount	Visibility	We	eather Comment
70-72	2-3		0.0 in.	Good (10 mi.)	Partly cl	oudy to mostly clear

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

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

#### SERC Site:

**Western Parcel** – Activities included pipe/duct installation, earth contouring for below-ground infrastructure; pipe/duct fabrication; movement of materials/equipment.

Eastern Parcel - Ongoing activities included demobilization of materials/equipment and clean-up (ARB).

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

**Eastern Laydown (SCE East parcel)** – Activities included parking; earth contouring along south fence; demobilization of equipment/materials and clean-up (ARB).

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

Church Parking Lot - No SERC-related activities.

#### SERC Amendment Area:

Parcel A - Activities included parking.

**Parcel B** – Activities included foot traffic; material organization in parcel B warehouse. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

Parcel C – Activities included parking; foot traffic.

## **Summary of Biological Resources Monitoring Observations**

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

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

None

## **Nesting Bird Observations:**

- MODO nest #1 in Eastern Parcel (air compressor awning) —Adult mourning dove (*Zenaida macroura*) was observed sitting on the nest (presumably brooding). No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- MODO nest #2 in Eastern Parcel (GSU overhead rack) —Adult mourning dove (Zenaida macroura) was observed
  sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was
  not disturbed by the presence of the biologist or by nearby construction activities.
- HOFI nest (#6) in Parcel B No activity was observed.
- **HOSP nest (#7) in Parcel B** –Adult male and fledgling present near nest. The birds were not disturbed by the presence of the biologist or by nearby activities.
- MODO nest (#8) north of Parcel B Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.
- NOMO nest (#9) southeast of Parcel C Adult Northern mockingbirds (Mimus polyglottos) were observed moving throughout the area and gathering food from vegetation. The nest is partially concealed but is presumed to be in

incubation stage. The birds were not disturbed by the presence of the biologist or by nearby construction activities.

• HOSP nest (#3) east of Parcel C – Adult male was observed perching nearby and vocalizing. Several other house sparrows present in the area. The birds were 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, house finch (*Haemorhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), European starling (*Sturnus vulgaris*), killdeer (*Charadrius vociferus*), American crow (*Corvus brachyrhynchos*), lesser goldfinch (*Spinus psaltria*), barn swallow (*Hirundo rustica*), red masked parakeet (*Aratinga erythrogenys*)



Location

SERC – Western Parcel

Description

Overview of construction activities associated with the belowground infrastructure for the battery storage in the West parcel, facing southwest.

## Photo 2



Location

SERC – Western Parcel

Description

Material storage and pipe/duct fabrication in the West parcel, facing southeast.



Location

SERC – Eastern Parcel

Description

Adult mourning dove sitting on the nest (presumably brooding), facing southeast. The mourning dove nest (East #1) is located in the air compressor awning between Units 1 and 2.

# Photo 4



Location

SERC – Eastern Parcel

Description

Overview of the GSU, access road, and canal bridge in the East parcel, facing west. Mourning dove nest (East #2) is located in the GSU overhead rack.



Location

SERC – Western Laydown

Description

Overview of West laydown yard and clean-up activities, facing east. Most materials have been demobilized (ARB).

# Photo 6



Location

SERC – Eastern Laydown

Description

Demobilization of materials (ARB) in the East laydown yard, facing northwest.



Location

SERC – Eastern Laydown Yard

Description

Earth contouring along the south fence line as part of clean-up activities in the East laydown yard, facing southwest.

# Photo 8



Location

Gas pipeline at Dale Avenue entrance (Eastern Parcel)

Description

Ongoing construction activities associated with the gas pipeline at the Dale Avenue entrance of the Eastern parcel, facing southeast.



Location

SERC – Parcel B of the Amendment Area

Description

View northeast, from left to right, Nest 8 (mourning dove), Nest 6 (house finch), and Nest 7 (house sparrow) located in and around Parcel B of the amendment area.

# Photo 10



Location

SERC – Parcel C of the Amendment Area/Western Laydown Yard

Description

View northwest of Nest 3 (house sparrow; top) and Nest 9 (Northern mockingbird; bottom) located east and southeast of Parcel C, respectively, and adjacent to West Laydown Yard.

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

Date		Monitor				Time (Begin-End)
May 4, 2020		Cara Snellen				0900-1020
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
60-73	1-2		0.0 in.	Good (10 mi.)	CI	lear 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, in/near Parcel B, and near Parcel C/West Laydown Yard.

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

## SERC Site:

Eastern Parcel - Ongoing activities included ingress/egress around nest buffers; clean-up (ARB).

West Laydown Yard - Ongoing activities included demobilization of materials/equipment; clean-up (ARB).

#### SERC Amendment Area:

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

Parcel C – Ongoing activities included parking; foot traffic.

#### **Summary of Biological Resources Monitoring Observations**

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

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

None

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

- MODO nest #1 in Eastern Parcel (air compressor awning) —Adult mourning dove was observed sitting on the nest
  (presumably brooding) and a second dove was perched on the concrete wall nearby. The adults were not
  disturbed by the presence of the biologist or by nearby construction activities.
- MODO nest #2 in Eastern Parcel (GSU overhead rack) Adult mourning dove was observed sitting on the nest in
  incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the
  presence of the biologist or by nearby construction activities.
- **HOFI nest (#6) in Parcel B** Adult male and female were perched on a nearby wire The male left the area and the female moved closer to the nest, eventually entering. Chicks were heard vocalizing. The adults were not disturbed by the presence of the biologist or by nearby activities.
- HOSP nest (#7) in Parcel B Adult male observed bringing material to the nest. A nestling was observed at the nest entrance. The birds were not disturbed by the presence of the biologist or by nearby activities.
- MODO nest (#8) north of Parcel B Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.
- NOMO nest (#9) southeast of Parcel C Three adult Northern mockingbirds were observed moving throughout the area, often chasing each other. None of the birds entered the nest tree. The adults were not disturbed by the presence of the biologist or by nearby construction activities.
- HOSP nest (#3) east of Parcel C –An adult male was observed perched nearby and vocalizing. A female perched
  adjacent and the pair copulated several times. The adult was not disturbed by the presence of the biologist or by
  nearby construction activities.

#### Other Biological Resources Observations:

None

#### Other Observations/Comments:

None

### Items Requiring Action/Follow-up

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

#### Wildlife Species Observed:

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



Location

SERC – Eastern Parcel

Description

**MODO nest #1 in Eastern Parcel** –Adult mourning dove sitting low on the nest (presumably brooding), facing southeast.

## Photo 2



Location

SERC - Eastern Parcel

Description

MODO nest #2 in Eastern Parcel —Overview of the nest location in the GSU overhead rack, facing west. Clean-up activities were occurring in the East laydown Yard north of the nest. An adult mourning dove was sitting low on the nest in incubation position and showed no signs of disturbance.



Location

SERC – Parcel B of the Amendment Area

Description

Female house finch perched next to Nest #6. Ongoing SERC activities included foot traffic; material inventory in warehouse B. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

#### Photo 4



Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #7 location (house sparrow). A nestling was present at the entrance of the nest cavity. Ongoing SERC activities included foot traffic; material inventory in warehouse B. Non-SERC activities included foot/equipment traffic; loading and movement of materials.



Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #8 location (mourning dove). An adult was observed sitting low on the nest. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

## Photo 6



Location

SERC – Parcel C of the Amendment Area/ Western Laydown Yard

Description

Overview of Nest #3 location (house sparrow). A pair of house sparrows was observed copulating next to the nest cavity. SERC construction activities in the area included demobilization and clean-up.

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

Date		Monitor				Time (Begin-End)
May 5, 2020		Cara Snellen				0930-1030
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
75-79	1-2		0.0 in.	Good (10 mi.)	Cl	ear 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, in/near Parcel B, and near Parcel C/West Laydown Yard.

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

## SERC Site:

Eastern Parcel - Ongoing activities included ingress/egress around nest buffers; clean-up (ARB).

West Laydown Yard - Ongoing activities included demobilization of materials/equipment; clean-up (ARB).

#### SERC Amendment Area:

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

Parcel C – Ongoing activities included parking; foot traffic.

## **Summary of Biological Resources Monitoring Observations**

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

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

None

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

- MODO nest #1 in Eastern Parcel (air compressor awning) —Adult mourning dove was observed sitting on the nest
  (presumably brooding). No other mourning doves were observed in the vicinity. The adult was not disturbed by
  the presence of the biologist or by nearby construction activities.
- MODO nest #2 in Eastern Parcel (GSU overhead rack) Adult mourning dove was observed sitting on the nest in
  incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the
  presence of the biologist or by nearby construction activities.
- HOFI nest (#6) in Parcel B Adult male was perched adjacent to the nest and a female was observed at the nest.
   Chicks were heard vocalizing. Both adults then left the area. The adults/chicks were not disturbed by the presence of the biologist or by nearby activities.
- **HOSP nest (#7) in Parcel B** No nesting activity was observed at the nest. No house sparrows were observed in the vicinity.
- MODO nest (#8) north of Parcel B Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.
- NOMO nest (#9) southeast of Parcel C Two adult Northern mockingbirds were observed moving throughout the area, collecting food from nearby vegetation. Neither bird entered the nest tree. The adults were not disturbed by the presence of the biologist or by nearby construction activities.
- HOSP nest (#3) east of Parcel C –An adult male was observed perched nearby and vocalizing. A female perched
  adjacent and the pair copulated several times. The adult was not disturbed by the presence of the biologist or by
  nearby construction activities.
- On 5/4/2020, Wellhead reported bird activity (likely mourning dove) and nesting material on a ledge inside the
  trash enclosure near the Dale Avenue entrance in the Eastern Parcel. The Designated Biologist confirmed via
  photograph that no eggs were present and the nesting material was cleared. The monitoring biologist checked the
  location and cleared away additional nesting material that was left behind. No birds or nesting activity was
  observed by the biologist.

#### Other Biological Resources Observations:

None

#### Other Observations/Comments:

None

# Items Requiring Action/Follow-up

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

#### Wildlife Species Observed:

**Birds:** mourning dove, house finch, house sparrow, Northern mockingbird, Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), killdeer (*Charadrius vociferus*)



Location

SERC – Eastern Parcel

Description

**MODO nest #1 in Eastern Parcel** –Adult mourning dove sitting low on the nest (presumably brooding), facing southeast.

## Photo 2



Location

SERC - Eastern Parcel

Description

MODO nest #2 in Eastern Parcel —Overview of the nest location in the GSU overhead rack, facing west. Clean-up activities were occurring in the East laydown Yard north of the nest. An adult mourning dove was sitting low on the nest in incubation position and showed no signs of disturbance.



Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #6 location (house finch), facing northeast. Ongoing SERC activities included foot traffic; material movement. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

## Photo 4

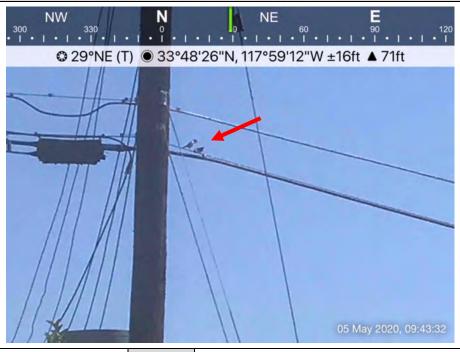


Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #8 location (mourning dove), facing north. An adult was observed sitting low on the nest. Ongoing SERC activities included foot traffic; material inventory/movement in warehouse C. Non-SERC activities included foot/equipment traffic; loading and movement of materials.



Location

SERC – Parcel C of the Amendment Area/ Western Laydown Yard

Description

Overview of Nest #3 location (house sparrow). A pair of house sparrows was observed copulating next to the nest cavity. SERC construction activities in the area included demobilization and clean-up.

## Photo 6



Location

SERC –Western Laydown Yard

Description

Overview of demobilization activities in the Western Laydown Yard near Nest #3 (house sparrow) and Nest #9 (Northern mockingbird), facing northeast.

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

Date		Monitor				Time (Begin-End)
May 6, 2020		Cara Snellen			0800-1000	
Temperature (°F)	Wind (mph)		Precipitation amount	Visibility	We	eather Comment
67-78	67-78 1-		0.0 in.	Good (10 mi.)	CI	ear and 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 ctivities related to above-ground infrastructure; pipe/duct fabrication; movement of materials/equipment.

Eastern Parcel - Ongoing activities included control room operations; demobilization of materials and clean-up (ARB).

Western Laydown (SCE West parcel) - Activities included ingress/egress; earth contouring and clean-up (ARB).

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

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

Church Parking Lot - No SERC-related activities.

#### SERC Amendment Area:

Parcel A – Activities included parking.

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

Parcel C - Activities included parking; foot traffic.

#### **Summary of Biological Resources Monitoring Observations**

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

# **Special-Status Species Observed:**

• None

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

- MODO nest #1 in Eastern Parcel (air compressor awning) —Adult mourning dove (*Zenaida macroura*) was observed sitting on the nest (presumably brooding). No other mourning doves were observed in the vicinity. A discarded egg with a visible embryo was observed on the ground below the nest (see photo 6; Wildlife Observation Form). The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- MODO nest #2 in Eastern Parcel (GSU overhead rack) —Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) —Adult mourning dove was observed sitting on the nest in incubation position. A second adult was observed perched nearby. The active nest was reported by Wellhead personnel on 5/5/2020. The nest is located in the northwest corner of the trash enclosure at the Dale Avenue entrance of the East parcel, approximately 8 feet above the ground. A no-disturbance buffer was established around the nest location; the size and shape of which accommodates/utilizes the enclosure and surrounding infrastructure and accounts for the existing visual buffers around the nest (see photo 7-8). The buffer excludes entry into the trash enclosure and extends approximately 5 feet out from the front and sides of the enclosure. The adults were not disturbed by the presence of the biologist or by nearby construction activities.
- **HOFI nest (#6) in Parcel B** An adult female house finch (*Haemorhous mexicanus*) was observed bringing food to the nest. No other adults were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby construction activities.

- HOSP nest (#7) in Parcel B –No house sparrows (Passer domesticus) or nesting activity was observed.
- MODO nest (#8) north of Parcel B Adult mourning dove was observed sitting on the nest in incubation position. A second adult was observed flying into the area and perching nearby. The adults were not disturbed by the presence of the biologist or by nearby construction activities.
- **NOMO nest (#9) southeast of Parcel C** An adult Northern mockingbird (*Mimus polyglottos*) was observed moving throughout the area, but did not enter the nest tree. The status of the nest is unknown. The bird was not disturbed by the presence of the biologist or by nearby construction activities.
- HOSP nest (#3) east of Parcel C Adult male was observed perching nearby and vocalizing. No other house sparrows were observed in the vicinity. The bird 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, house finch (*Haemorhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), killdeer (*Charadrius vociferus*), American crow (*Corvus brachyrhynchos*), barn swallow (*Hirundo rustica*), red masked parakeet (*Aratinga erythrogenys*)



Location

SERC - Western Parcel

Description

Overview of construction activities associated with the above-ground infrastructure for the battery storage in the West parcel, facing southwest.

# Photo 2



Location

SERC - Western Parcel

Description

Material storage and pipe/duct fabrication in the West parcel, facing southwest.



Location

SERC - Eastern Parcel

Description

Minimal construction activities in the East parcel included ingress/egress and control room operations, facing west.

## Photo 4



Location

SERC – Eastern Parcel

Description

Overview of the GSU, access road, and canal bridge in the East parcel, facing west. Mourning dove nest (MODO East #2) is located in the GSU overhead rack.



Location

SERC - Eastern Parcel

Description

Adult mourning dove sitting on the nest (presumably brooding), facing south. The mourning dove nest (MODO East #1) is located in the air compressor awning between Units 1 and 2.

#### Photo 6



Location

SERC – Eastern Parcel

Description

Discarded egg found on ground below active mourning dove nest (MODO East #1) under the air compressor awning in the East parcel (See Wildlife Observation Form). Only construction activities occurring in the vicinity of the no-disturbance buffer included ingress/egress.



Location

SERC - Eastern Parcel

Description

Location of new active mourning dove nest (MODO East #3) in the northwest corner of the trash enclosure at the Dale Avenue entrance of the East parcel, facing northwest. An adult was sitting on the nest in incubation position and a second adult was perched nearby.

### Photo 8



Location

SERC - Eastern Parcel

Description

No-disturbance buffer established around the new active mourning dove nest (MODO East #3), facing south. The size and shape of the buffer accommodates/utilizes the surrounding infrastructure and accounts for the existing visual buffers around the nest.



Location

SERC – Western Laydown Yard

Description

Minimal construction activities in the Western laydown yard included ingress/egress and final clean-up, facing northeast.

## Photo 10



Location

SERC – Eastern Laydown Yard

Description



Location

SERC – Eastern Laydown Yard

Description

Movement of materials as part of clean-up activities in the East laydown yard, facing north.

## Photo 12



Location

Gas pipeline at Dale Avenue entrance (Eastern Parcel)

Description

Ongoing construction activities associated with the gas pipeline at the Dale Avenue entrance of the East parcel, facing southeast.



Location

SERC – Parcel B of the Amendment Area

Description

View west of active house finch nest (Nest #6; feeding checks) located in the awning corner of the warehouse in Parcel B of the amendment area.

## Photo 14



Location

SERC – Parcel B of the Amendment Area

Description

View northeast of active mourning dove nest (Nest #8) located in the awning of warehouse C north of Parcel B of the amendment area. The buffer was further delineated to accommodate additional construction contractor ingress/egress.

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

Date		Monitor				Time (Begin-End)
May 7, 2020		Cara Snellen				0900-1000
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
75-79	1-2		0.0 in.	Good (10 mi.)	Cl	ear 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, in/near Parcel B, and near Parcel C/West Laydown Yard.

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

#### SERC Site:

**Eastern Parcel** – Ongoing activities included ingress/egress around nest buffers; work inside Unit 1 and on stack; concrete truck traffic; gas pipeline work; clean-up (ARB).

West Laydown Yard – Ongoing activities included ingress/egress.

#### SERC Amendment Area:

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

Parcel C - Ongoing activities included parking; foot traffic.

#### **Summary of Biological Resources Monitoring Observations**

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

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

None

# **Nesting Bird Observations:**

- MODO nest #1 in Eastern Parcel (air compressor awning) —Adult mourning dove was observed sitting on the nest
  (presumably brooding). No other mourning doves were observed in the vicinity. The adult was not disturbed by
  the presence of the biologist or by nearby construction activities.
- MODO nest #2 in Eastern Parcel (GSU overhead rack) Adult mourning dove 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 by nearby construction activities.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) 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 by nearby construction activities.
- HOFI nest (#6) in Parcel B Adult male and female were observed perched near the nest. At least one chick was visible in the nest. The adults/chicks were not disturbed by the presence of the biologist or by nearby activities.
- HOSP nest (#7) in Parcel B No nesting activity was observed at the nest. No house sparrows were observed in the vicinity.
- MODO nest (#8) north of Parcel B Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.
- NOMO nest (#9) southeast of Parcel C Two adult Northern mockingbirds were observed moving throughout the area, collecting food from nearby vegetation. Neither bird entered the nest tree. The adults were not disturbed by the presence of the biologist or by nearby construction activities.
- HOSP nest (#3) east of Parcel C —An adult male was observed perched nearby and vocalizing. No other house sparrows were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby construction activities.

# Other Biological Resources Observations:

None

#### Other Observations/Comments:

None

## Items Requiring Action/Follow-up

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

#### Wildlife Species Observed:

**Birds:** mourning dove, house finch, house sparrow, Northern mockingbird, Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), barn swallow (*Hirundo rustica*), killdeer (*Charadrius vociferus*), American crow (*Corvus brachyrhynchos*)



Location

SERC - Eastern Parcel

Description

**MODO nest #1 in Eastern Parcel** –Adult mourning dove sitting low on the nest (presumably brooding), facing southeast.

## Photo 2



Location

SERC - Eastern Parcel

Description

MODO nest #2 in Eastern Parcel – Overview of the nest location in the GSU overhead rack, facing west. Concrete trucks were traveling on the access road to the Western parcel. An adult mourning dove was sitting low on the nest in incubation position and showed no signs of disturbance.



SERC – Eastern Parcel

Description

MODO nest #3 in Eastern Parcel —Overview of work occurring in the vicinity of the nest located in the Dale Avenue entrance trash enclosure, facing southwest. Concrete trucks were traveling on the access road to the Western parcel; construction was occurring at the gas pipeline and at Unit 1. An adult mourning dove was sitting low on the nest in incubation position and showed no signs of disturbance. Nest buffer is visible on the left side of the photo.

# Photo 4

Location



Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #6 location (house finch), facing north. No SERC construction activities were occurring during the observation period. Non-SERC activities included foot/equipment traffic; loading and movement of materials.



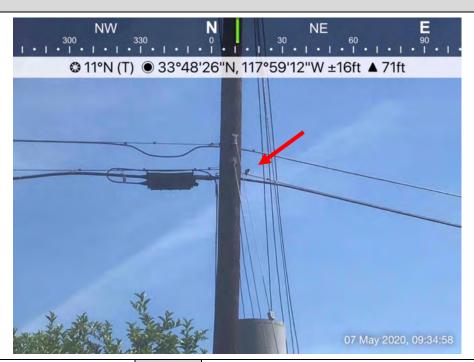
Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #8 location (mourning dove), facing northeast. An adult was observed sitting low on the nest. No SERC construction activities were occurring during the observation period. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

## Photo 6



Location

SERC – Parcel C of the Amendment Area/ Western Laydown Yard

Description

Overview of Nest #3 location (house sparrow). A adult male was observed perched next to the nest and vocalizing. SERC construction activities occurring nearby included ingress/egress (foot traffic).

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

Date		Monitor				Time (Begin-End)
May 8, 2020		Cara Snellen			0830-1030	
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
67-73	1-3		0.0 in.	Good (10 mi.)	CI	ear and 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. Monitored work (testing, calibration of air compressors) within the **MODO East #1** nest buffer to minimize disturbance.

#### SERC Site:

**Western Parcel** – Ongoing activities related to above-ground infrastructure; concrete pumping and concrete truck traffic; dust abatement; movement of materials/equipment.

**Eastern Parcel** – Ongoing activities included control room operations; air compressor testing; concrete truck traffic; dust abatement; fence work along north parcel border; demobilization of materials and clean-up (ARB).

Western Laydown (SCE West parcel) - Activities included ingress/egress (foot traffic).

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

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

Church Parking Lot - No SERC-related activities.

#### SERC Amendment Area:

Parcel A – Activities included parking.

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

Parcel C - Activities included parking; foot traffic.

## **Summary of Biological Resources Monitoring Observations**

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

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

None

# **Nesting Bird Observations:**

- MODO nest #1 in Eastern Parcel (air compressor awning) —Adult mourning dove (Zenaida macroura) was
  observed sitting on the nest with a single chick. During the buffer monitoring period (0910-0935), a second adult
  was perched near the nest, eventually landing on the ground below the nest and walking around. Neither adult
  showed signs of disturbance by the presence of the biologist, construction personnel, or monitored work. When
  work within the buffer concluded and personnel left the area, the second adult flew up to the nest. The adults
  switched places on the nest, and the relieved adult left the area. The remaining adult was then observed feeding
  the chick.
- MODO nest #2 in Eastern Parcel (GSU overhead rack) —Adult mourning dove was observed sitting on the nest in
  incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the
  presence of the biologist or by nearby construction activities.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) —Adult mourning dove was observed
  sitting 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 by nearby construction activities.
- HOFI nest (#6) in Parcel B No activity was observed. Chicks were not visible in the nest.
- HOSP nest (#7) in Parcel B –No house sparrows (Passer domesticus) or nesting activity was observed.

- MODO nest (#8) north of Parcel B Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.
- **NOMO nest (#9) southeast of Parcel C** An adult Northern mockingbird (*Mimus polyglottos*) was observed moving throughout the area, but did not enter the nest tree. The status of the nest is unknown. The bird was not disturbed by the presence of the biologist or by nearby construction activities.
- **HOSP nest (#3) east of Parcel C** Adult male was observed perching adjacent to the nest and vocalizing. An adult female and begging fledglings were also perched nearby. The bird 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, house finch (*Haemorhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), killdeer (*Charadrius vociferus*), American crow (*Corvus brachyrhynchos*), barn swallow (*Hirundo rustica*)

Reptiles: Western fence lizard (Sceloporus occidentalis)



Location

SERC - Western Parcel

Description

Overview of construction activities associated with the above-ground infrastructure for the battery storage in the West parcel, facing west.

# Photo 2



Location

SERC – Eastern Parcel

Description

Minimal construction activities in the East parcel included fence work, facing west.



Location

SERC - Eastern Parcel

Description

Overview of the GSU, access road, and canal bridge in the East parcel, facing west. Mourning dove nest (MODO East #2) is located in the GSU overhead rack. Nearby construction activities included concrete truck traffic along the north access road.

## Photo 4



Location

SERC – Eastern Parcel

Description

Location of mourning dove nest (MODO East #3) in the northwest corner of the trash enclosure at the Dale Avenue entrance of the East parcel, facing southwest. An adult was sitting on the nest in incubation position and a second adult was perched nearby.



Location

SERC - Eastern Parcel

Description

Adult mourning dove sitting on the nest with a single chick, facing southeast. The mourning dove nest (MODO East #1) is located in the air compressor awning between Units 1 and 2.

#### Photo 6



Location

SERC – Eastern Parcel

Description

Air compressor testing activities were monitored within the buffer of the mourning dove nest (MODO East #1) in the East parcel, facing west. Nesting birds showed no signs of disturbance.



Location

SERC - Eastern Parcel

Description

A second adult was present in the area (perched and walking on the ground) during the monitored work within the MODO East #1 buffer, facing southwest. Once work was complete and personnel had left, the adult entered the nest, switched places, and fed the chick.

#### Photo 8



Location

SERC – Eastern Laydown Yard

Description

Demobilization of materials and clean-up (ARB) in the East laydown yard, facing east. Fence work on the east parcel boundary is visible on the right.



Location

SERC – Western Laydown Yard

Description

Minimal construction activities in the Western laydown yard included ingress/egress (foot traffic), facing northwest. All construction materials/equipment has been removed.

# Photo 10



Location

Gas pipeline at Dale Avenue entrance (Eastern Parcel)

Description

Ongoing construction activities associated with the gas pipeline at the Dale Avenue entrance of the East parcel, facing south.

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

Date		Monitor				Time (Begin-End)
May 11, 2020				Cara Snellen	0930-1030	
Temperature (°F)	Wind	l (mph)	Precipitation amount	Visibility	Weather Comment	
67-71	3	3-5	0.0 in.	Good (10 mi.)	Cloudy/overcast to partly cloudy	

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

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

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

#### SERC Site:

**Eastern Parcel** – Ongoing activities included ingress/egress around nest buffers; work inside Unit 1; control room operations; concrete work at Dale Avenue entrance; lighting work at north fence; gas pipeline work; clean-up (ARB).

West Laydown Yard – Ongoing activities included ingress/egress (foot traffic).

#### SERC Amendment Area:

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

Parcel C - Ongoing activities included parking; foot traffic.

#### **Summary of Biological Resources Monitoring Observations**

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

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

None

## **Nesting Bird Observations:**

- MODO nest #1 in Eastern Parcel (air compressor awning) —One mourning dove nest was observed sitting in the
  nest. No adults were observed in the vicinity. The chick was not disturbed by the presence of the biologist or by
  nearby construction activities.
- MODO nest #2 in Eastern Parcel (GSU overhead rack) Adult mourning dove 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 by nearby construction activities.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) 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 by nearby construction activities.
- HOFI nest (#6) in Parcel B No adults were observed in the area. Chick were not visible in the nest. Nest is presumed still active.
- HOSP nest (#7) in Parcel B No nesting activity was observed at the nest. No house sparrows were observed in the vicinity. Based on this and previous observations, the nest has successfully fledged and is no longer active.
- MODO nest (#8) north of Parcel B Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.
- NOMO nest (#9) southeast of Parcel C An adult Northern mockingbird was observed moving throughout the area and foraging in nearby vegetation. The bird did not enter the nest tree. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- HOSP nest (#3) east of Parcel C No nesting activity was observed at the nest. No house sparrows were observed
  in the vicinity. Based on this and previous observations, the nest has successfully fledged and is no longer active...

#### Other Biological Resources Observations:

None

#### Other Observations/Comments:

None

#### Items Requiring Action/Follow-up

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

#### Wildlife Species Observed:

**Birds:** mourning dove, house finch, house sparrow, Northern mockingbird, Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), barn swallow (*Hirundo rustica*), killdeer (*Charadrius vociferus*), Allen's hummingbird (*Selasphorus sasin*), European starling (*Sturnus vulgaris*), Cassin's kingbird (*Tyrannus vociferans*), red-tailed hawk (*Buteo jamaicensis*)



Location

SERC - Eastern Parcel

Description

One mourning dove chick sitting low on the nest (MODO East #1), facing east. Construction activities near the nest buffer included foot traffic and work inside Unit 1. The chick showed no signs of disturbance.

#### Photo 2



Location

SERC – Eastern Parcel

Description

Overview of the nest located in the GSU overhead rack (MODO East #2), facing west. Construction activities near the nest buffer included ingress/egress. An adult mourning dove was sitting low on the nest in incubation position and showed no signs of disturbance.



Location

Description

Overview of the nest located in the Dale Avenue entrance trash enclosure (MODO East #3), facing southwest. Construction activities near the nest buffer included concrete work along the entrance driveway and lighting work at the fence. An adult mourning dove was sitting low on the nest in incubation position and showed no signs of disturbance.

#### Photo 4



Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #6 location (house finch), facing southeast. No SERC construction activities were occurring during the observation period. Non-SERC activities included foot/equipment traffic; loading and movement of materials, and parking below the nest. No nesting activity was observed.



Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #8 location (mourning dove), facing northeast. An adult was observed sitting low on the nest. No SERC construction activities were occurring during the observation period. 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)
May 12, 2020				Cara Snellen	0900-1100	
Temperature (°F)	Wind (n	mph)	Precipitation amount	Visibility	Weather Comment	
65-70	2-5		0.0 in.	Good (10 mi.)	Overcast/cloudy to partly cloudy	

#### 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 infrastructure; earth contouring; pipe/duct fabrication; movement of materials/equipment.

**Eastern Parcel** – Ongoing activities included control room operations; work in Unit 1 and 2; concrete work at Dale Avenue entrance; truck ingress/egress (deliveries); demobilization of materials and clean-up (ARB).

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

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

Gas Pipeline - Ongoing activities related to gas pipeline infrastructure at Dale Avenue entrance; pipeline testing.

Church Parking Lot - No SERC-related activities.

#### SERC Amendment Area:

Parcel A - Activities included parking.

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

Parcel C – Activities included parking; foot traffic.

## **Summary of Biological Resources Monitoring Observations**

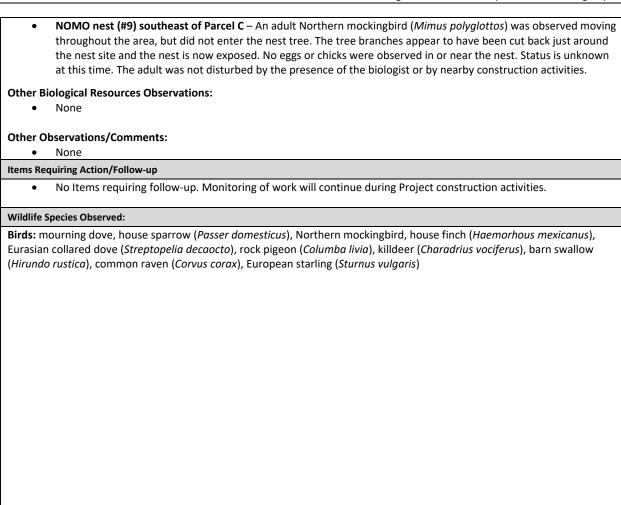
Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife.

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

None

## **Nesting Bird Observations:**

- MODO nest #1 in Eastern Parcel (air compressor awning) –Two adult mourning doves (Zenaida macroura) were
  observed perched in various locations and inspecting the nest site. No chicks were observed in or near the nest;
  nest appeared disturbed. Status is unknown at this time. The adults were not disturbed by the presence of the
  biologist or by nearby construction activities.
- MODO nest #2 in Eastern Parcel (GSU overhead rack) —A chick was observed sitting low in the nest. No adults
  were present in the area. The chick was not disturbed by the presence of the biologist or by nearby construction
  activities.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) —Adult mourning dove was observed
  sitting 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 by nearby construction activities.
- **HOFI nest (#6) in Parcel B** No activity was observed. Chicks were not visible in the nest although bird droppings were present below the nest.
- MODO nest (#8) north of Parcel B Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.





Location

SERC - Western Parcel

Description

Overview of construction activities associated with the above-ground infrastructure for the battery storage in the West parcel, facing southwest.

# Photo 2



Location

SERC - Western Parcel

Description

Pipe/duct fabrication in the West parcel, facing east.



Location

Description

Location of mourning dove nest (MODO East #3) in the northwest corner of the trash enclosure at the Dale Avenue entrance of the East parcel, facing east. An adult was sitting on the nest in incubation position and a second adult was perched nearby. Nearby construction activities included concrete work at the Dale Avenue entrance.

## Photo 4



Location

SERC - Eastern Parcel

Description

Construction activities in Unit 1 of the East parcel, facing south.



Location

SERC - Eastern Parcel

Description

Overview of the GSU, access road, and canal bridge in the East parcel, facing west. Mourning dove nest (MODO East #2) is located in the GSU overhead rack. A chick was sitting low in the nest; no adults were present in the area. Nearby construction activities included truck ingress/egress along the north access road.

## Photo 6



Location

SERC – Eastern Parcel

Description

Location of mourning dove nest (MODO East #1) and associated buffer in the air compressor awning of the East parcel, facing southwest.



Location

SERC – Eastern Parcel

Description

Adult mourning doves were observed moving around the vicinity of the nest (MODO East #1). However, the chick was not observed and the status of the nest is unknown.

# Photo 8



Location

SERC – Eastern Laydown Yard

Description

Demobilization of materials and clean-up (ARB) in the East laydown yard, facing northeast.



Location

SERC – Western Laydown Yard

Description

Minimal construction activities in the Western laydown yard included foot traffic and parking, facing northeast. All construction materials/equipment have been removed.

# Photo 10



Location

Gas pipeline at Dale Avenue entrance (Eastern Parcel)

Description

Ongoing construction activities associated with the gas pipeline at the Dale Avenue entrance of the East parcel, facing east.



Location

SERC Amendment Area – Parcel B

Description

Location of mourning dove nest (MODO #8) in the northwest corner of the warehouse C awning north of Parcel B, facing southeast. An adult was sitting on the nest in incubation position. Both SERC and non-SERC activities were occurring in the area.

## Photo 12



Location

SERC Amendment Area – Parcel B

Description

No nesting activity was observed at Nest #6 (house finch), facing southeast. Both SERC and non-SERC activities were occurring in the area.



Location

Parcel C/Western Laydown Yard

Description

Location of Nest #9 (Northern mockingbird) adjacent to the Western laydown yard, facing north. The branches of the nest tree appear to have been cut back just around the nest site and the nest is now exposed. No eggs or chicks were observed in or near the nest. An adult was observed moving throughout the area, but did not enter the nest tree.

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

Date		Monitor				Time (Begin-End)
May 13, 2020		Cara Snellen				0930-1030
Temperature (°F)	Wind	(mph)	Precipitation amount	Visibility	We	eather Comment
65-68	2-3		0.0 in.	Good (10 mi.)		Partly cloudy

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

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

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

#### SERC Site:

**Eastern Parcel** – Ongoing activities included foot traffic around nest buffers; work inside Unit 1; control room operations; gas pipeline work; earth contouring at the Dale Avenue driveway entrance; truck ingress/egress; demobilization and cleanup (ARB).

West Laydown Yard - Ongoing activities included foot traffic.

## SERC Amendment Area:

Parcel B – SERC activities included foot traffic in and around warehouse 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 #1 in Eastern Parcel (air compressor awning) –No adult mourning doves were observed in the area. No chicks were visible in or near the nest. Status of the nest is unknown at this time
- MODO nest #2 in Eastern Parcel (GSU overhead rack) Adult mourning dove was observed sitting on the nest with at least one chick. A second adult was perched nearby. The birds were not disturbed by the presence of the biologist or by nearby construction activities.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) 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 by nearby construction activities.
- HOFI nest (#6) in Parcel B No adults were observed in the area. Chick were not visible in the nest. Nest is presumed still active.
- HOSP nest (#7) in Parcel B A adult male house sparrow was observed entering and exiting the nest cavity. The nest is now considered active again.
- MODO nest (#8) north of Parcel B Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.
- NOMO nest (#9) southeast of Parcel C An adult Northern mockingbird was observed moving throughout the area and foraging in nearby vegetation. The bird did not enter the nest tree. No activity was observed at the exposed nest and the status is unknown at this time. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- HOSP nest (#3) east of Parcel C An adult male and female house sparrow were observed copulating next to the nest. The female then entered the nest cavity. The nest is now considered active again.

#### Other Biological Resources Observations:

None

#### Other Observations/Comments:

None

#### Items Requiring Action/Follow-up

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

#### Wildlife Species Observed:

**Birds:** mourning dove, house finch, house sparrow, Northern mockingbird, Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), red-tailed hawk (*Buteo jamaicensis*), American crow (*Corvus brachyrhynchos*), lesser goldfinch (*Spinus psaltria*)



Location

SERC – Eastern Parcel

Description

No adults or chicks were observed in or near the nest (MODO East #1) located in the air compressor awning of the East parcel, facing southwest. Construction activities near the nest buffer included foot traffic; demobilization of materials (pictured), and work inside Unit 1.

#### Photo 2



Location

SERC - Eastern Parcel

Description

An adult and one chick were observed sitting in the nest (MODO East #2) located in the GSU overhead rack, facing west.



Location

SERC - Eastern Parcel

Description

Overview of the nest located in the GSU overhead rack (MODO East #2), facing southeast. Construction activities near the nest buffer included truck traffic (pictured). An adult mourning dove was observed perched nearby.

#### Photo 4



Location

SERC – Parcel B of the Amendment Area

Description

Overview of the nest located in the Dale Avenue entrance trash enclosure (MODO East #3), facing southwest. Construction activities near the nest buffer included earth contouring of the driveway entrance behind the enclosure. An adult mourning dove was sitting low on the nest in incubation position and showed no signs of disturbance.



Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #8 location (mourning dove), facing northeast. An adult was observed sitting low on the nest. SERC construction activities included foot traffic in/out of warehouse C. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

## Photo 6



Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #6 location (house finch), facing northeast. No nesting activity was observed.

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

Date		Monitor				Time (Begin-End)
May 14, 2020		Cara Snellen				0830-1030
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
66-70	66-70 1-2		0.0 in.	Good (10 mi.)	Partly cloudy to clear	

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

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

#### SERC Site:

**Western Parcel** – Ongoing activities related to above-ground infrastructure; minor excavation; pipe/duct fabrication; delivery and movement of materials/equipment.

**Eastern Parcel** – Ongoing activities included control room operations; work in Unit 1 and 2; fence work at Dale Avenue entrance; truck ingress/egress (deliveries); demobilization of materials and clean-up (ARB).

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

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

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

Church Parking Lot - No SERC-related activities.

#### SERC Amendment Area:

Parcel A – Activities included parking.

**Parcel B** – Activities included material inventory/movement in warehouse B. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

Parcel C – Activities included parking; foot traffic.

## **Summary of Biological Resources Monitoring Observations**

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

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

None

## **Nesting Bird Observations:**

- MODO nest #1 in Eastern Parcel (air compressor awning) No adult mourning doves were observed in the area.
   No chicks were visible in or near the nest. Status of the nest is unknown at this time.
- MODO nest #2 in Eastern Parcel (GSU overhead rack) —A chick was observed sitting low in the nest. No adults
  were present in the area. The chick was not disturbed by the presence of the biologist or by nearby construction
  activities.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) —Adult mourning dove was observed sitting 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 by nearby construction activities.
- HOFI nest (#6) in Parcel B No activity was observed. Chicks were not visible in the nest. Status of the nest is unknown at this time.
- HOSP nest (#7) in Parcel B A adult male house sparrow (*Passer domesticus*) was observed entering and exiting the nest cavity. The bird was not disturbed by the presence of the biologist or by nearby construction activities.
- MODO nest (#8) north of Parcel B Adult mourning dove was observed sitting on the nest in incubation position. No other mourning doves were observed in the vicinity. The adult was not disturbed by the presence of the biologist or by nearby activities.

- **NOMO nest (#9) southeast of Parcel C** An adult Northern mockingbird (*Mimus polyglottos*) was observed moving throughout the area and foraging, but did not enter the nest tree. Based on recent observations, this nest has failed (non-project) and is now inactive.
- HOSP nest (#3) east of Parcel C No birds or nesting activity was observed.

# Other Biological Resources Observations:

• None

## Other Observations/Comments:

None

#### Items Requiring Action/Follow-up

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

# Wildlife Species Observed:

**Birds:** mourning dove, house sparrow, Northern mockingbird, house finch (*Haemorhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), killdeer (*Charadrius vociferus*), barn swallow (*Hirundo rustica*), European starling (*Sturnus vulgaris*), red-tailed hawk (*Buteo jamaicensis*)



Location

SERC - Western Parcel

Description

Overview of construction activities associated with the above-ground infrastructure for the battery storage in the West parcel, facing west.

# Photo 2



Location

SERC - Western Parcel

Description

Excavation activities in the West parcel, facing southeast.



Location

SERC – Eastern Parcel

Description

Location of mourning dove nest (MODO East #3) in the northwest corner of the trash enclosure at the Dale Avenue entrance of the East parcel, facing southwest. An adult was sitting on the nest in incubation position and a second adult was perched nearby. Nearby construction activities included parking and fence work at the Dale Avenue entrance.

# Photo 4



Location

Gas pipeline at Dale Avenue entrance (Eastern Parcel)

Description

Ongoing construction activities associated with the gas pipeline at the Dale Avenue entrance of the East parcel, facing southeast.



Location

SERC – Eastern Laydown Yard

Description

Demobilization of materials and clean-up (ARB) in the East laydown yard, facing west.

# Photo 6



Location

SERC Amendment Area – Parcel B

Description

Overview, from left to right, of Nest #6 (house finch) and Nest #7 (house sparrow), facing southeast. No nesting activity was observed at Nest #6. An adult male was observed entering/exiting Nest #7. Both SERC and non-SERC activities were occurring in the area.



Location

SERC Amendment Area – Parcel B

Description

Location of mourning dove nest (MODO #8) in the northwest corner of the warehouse C awning north of Parcel B, facing south. An adult was sitting on the nest in incubation position. Both SERC and non-SERC activities were occurring in the area.

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

Date			Time (Begin-End)		
May 15, 202	0		0830-1000		
Temperature (°F)	Wind (mpl	Precipitation amount	Visibility	We	eather Comment
65-71	2-3	0.0 in.	Good (10 mi.)		Partly cloudy

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

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

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

# SERC Site:

**Eastern Parcel** – Ongoing activities included ingress/egress around nest buffers; work inside Unit 1 and 2; control room operations; gate installation at Dale Avenue entrance; gas pipeline work; infrastructure lighting installation; truck traffic; clean-up (ARB).

West Laydown Yard – Ongoing activities included parking., foot traffic.

#### SERC Amendment Area:

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

Parcel C – Ongoing activities included parking; foot traffic.

#### **Summary of Biological Resources Monitoring Observations**

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

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

None

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

- MODO nest #1 in Eastern Parcel (air compressor awning) —An adult mourning dove was observed sitting on the
  nest in incubation position. A second adult was observed nearby. Based on recent observations, the pair has laid
  another egg and the nest is again active. The adults were not disturbed by the presence of the biologist or by
  nearby construction activities.
- MODO nest #2 in Eastern Parcel (GSU overhead rack) A mourning dove chick was observed sitting low in the
  nest. An adult was observed nearby. The chick and adult were not disturbed by the presence of the biologist or by
  nearby construction activities.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) 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 by nearby construction activities.
- HOFI nest (#6) in Parcel B No house finches were observed in the area. Based on recent observations, the nest has successfully fledged and is no longer active. The nest was confirmed to be empty and removed. ESA signage and buffer also removed.
- **HOSP nest (#7) in Parcel B** Both adult male and female house sparrows were observed entering and exiting the nest cavity. The adults were not disturbed by the presence of the biologist or by nearby activities.
- MODO nest (#8) north of Parcel B A chick was observed sitting low in the nest and an adult entered the nest later during the monitoring period. The chick and adult were not disturbed by the presence of the biologist or by nearby activities.
- HOSP nest (#3) east of Parcel C An adult male house sparrow was observed vocalizing next the nest. An adult female was observed perched nearby with begging juveniles. The birds were not disturbed by the presence of the biologist or by nearby construction activities.

# Other Biological Resources Observations:

None

# Other Observations/Comments:

None

## Items Requiring Action/Follow-up

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

#### Wildlife Species Observed:

**Birds:** mourning dove, house finch, house sparrow, Northern mockingbird (*Mimus polyglottos*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), barn swallow (*Hirundo rustica*), killdeer (*Charadrius vociferus*), Western gull (*Larus occidentalis*), turkey vulture (*Cathartes aura*)



Location

SERC - Eastern Parcel

Description

An adult mourning dove sitting low on the nest (MODO East #1) in incubation position, facing southeast. Construction activities near the nest buffer included foot traffic and work inside Unit 1 and 2. The adult showed no signs of disturbance.

## Photo 2



Location

SERC – Eastern Parcel

Description

Overview of the nest located in the GSU overhead rack (MODO East #2), facing west. Construction activities near the nest buffer included truck traffic. A mourning dove chick was sitting low on the nest and showed no signs of disturbance.



Location

SERC - Eastern Parcel

Description

Overview of the nest located in the Dale Avenue entrance trash enclosure (MODO East #3), facing southeast. Construction activities near the nest buffer included gate installation at the entrance driveway and lighting installation. An adult mourning dove was sitting low on the nest in incubation position and showed no signs of disturbance.

## Photo 4



Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #8 location (mourning dove), facing northeast. A chick was observed sitting low on the nest and an adult eventually returned to the nest. No SERC construction activities were occurring during the observation period. Non-SERC activities included foot/equipment traffic; loading and movement of materials.



Location

SERC – Parcel B of the Amendment Area

Description

No activity was observed at Nest #6 (house finch) and it had presumably fledged. The nest was inspected, confirmed empty, and removed.

## Photo 6



Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #6 location (house finch), facing northeast. Following inactive status confirmation and nest removal, the ESA signage and buffer asphalt markings were removed.

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

Date			Time (Begin-End)		
May 18, 202	0		0900-1015		
Temperature (°F)	Wind (mp	) Precipitation amount	Visibility	We	eather Comment
65-68	1-2	0.0 in.	Good (10 mi.)	Cl	oudy/light rain

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

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

- MODO nest #1 in Eastern Parcel (air compressor awning) Active mourning dove (Zenaida macroura; MODO)
  nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in
  the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established
  around the nest (as accessible) with flagging and signage.
- MODO nest #2 in Eastern Parcel (GSU overhead rack) Active mourning dove nest located on a metal plate that
  connects a vertical beam to the overhead wire rack just east of the GSU in the East parcel, approximately 20 feet
  above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest
  with flagging and signage.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) —Active mourning dove nest located under the northwest corner of the trash enclosure awning at the Dale Avenue entrance of the East parcel, approximately 8 feet above the ground. A no-disturbance buffer has been established around the nest (as accessible) 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).
- MODO nest (#8) north of Parcel B Active mourning dove nest located on a beam ledge under the west edge of the north warehouse C awning, approximately 75 feet north of Parcel B. The nest is approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with asphalt marking and signage.
- HOSP nest (#3) east of Parcel C Active house sparrow nest located inside wire insulator directly west of a utility
  pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West laydown Yard.
  The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under
  provisions of the MBTA.

#### SERC Site:

**Eastern Parcel** – Ongoing activities included ingress/egress around nest buffers; work inside Unit 1 and 2; control room operations; gas pipeline work; clean-up (ARB).

West Laydown Yard - Ongoing activities included parking., foot traffic.

#### SERC Amendment Area:

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

Parcel C - Ongoing activities included parking; foot traffic.

#### **Summary of Biological Resources Monitoring Observations**

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

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

None

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

- MODO nest #1 in Eastern Parcel (air compressor awning) —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 #2 in Eastern Parcel (GSU overhead rack) Two mourning dove chicks were observed sitting low in the nest. No adults were observed nearby. The chicks were not disturbed by the presence of the biologist or by nearby construction activities.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) 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 by nearby construction activities.
- HOSP nest (#7) in Parcel B No activity was observed and no house sparrows were present in the area.
- MODO nest (#8) north of Parcel B Two chicks were observed sitting low in the nest and an adult was observed nearby. The chicks and adult were not disturbed by the presence of the biologist or by nearby activities.
- HOSP nest (#3) east of Parcel C No activity was observed and no house sparrows were present in the area.
- An active mourning dove nest (MODO East #4) was observed on a metal plate that connects a vertical beam to the lowest overhead wire rack (15 kV cable tray) located east of the GSU in the East parcel (see photos 5-6). The metal plate is the southwest vertical beam in a group of 4 beams located adjacent to the junction of the access roads near the point where the cable tray turns downward. The crew earlier observed an adult adding nesting material to the nest location and the nest appears complete. The nest location is approximately 20 feet above the ground and is partially concealed by the post and surrounding overhead rack infrastructure. No adults were present at the time of documentation. The nest could not be accessed to confirm the presence of egg(s) but is presumed active. No work will be conducted near the nest as the area is energized. The generator stored below the nest is not used in the area. Nearby construction activities in the area include foot traffic and truck ingress/egress on the access road. A no-disturbance buffer was established around the four vertical beams below the nest (approximately 4x4 feet) with flagging and signage. Coordinates: 33.80684896, -117.98636900.

#### 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, Northern mockingbird (*Mimus polyglottos*), barn swallow (*Hirundo rustica*), killdeer (*Charadrius vociferus*), American kestrel (*Falco sparverius*)



Location

SERC - Eastern Parcel

Description

An adult mourning dove sitting low on the nest (MODO East #1) in incubation position, facing east. Construction activities near the nest buffer included foot traffic and work inside Unit 1 and 2. The adult showed no signs of disturbance.

# Photo 2



Location

SERC – Eastern Parcel

Description

Overview of the nest located in the GSU overhead rack west/south of the access roads (MODO East #2), facing west. Construction activities near the nest buffer included foot traffic. Two mourning dove chicks were sitting low on the nest and showed no signs of disturbance.



Location

SERC - Eastern Parcel

Description

Overview of the nest located in the Dale Avenue entrance trash enclosure (MODO East #3), facing southeast. Construction activities near the nest buffer included foot traffic and gas pipeline work south of the enclosure. An adult mourning dove was sitting low on the nest in incubation position and showed no signs of disturbance.

#### Photo 4



Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #8 location (mourning dove), facing northeast. Two chicks were observed sitting low on the nest and an adult was present nearby. SERC construction activities included material inventory/movement in warehouse B. Non-SERC activities included foot/equipment traffic; loading and movement of materials.



Location

SERC - Eastern Parcel

Description

Overview of the new mourning dove nest located in the GSU overhead rack east/south of the access roads (MODO East #4), facing southeast. Construction activities near the nest buffer included foot traffic. No adults were present in the area but the nest is complete and presumed active.

#### Photo 6



Location

SERC – Eastern Parcel

Description

A no-disturbance buffer was established below the new nest (MODO East #4) with flagging and signage (approximately 4x4 feet). The nest is approximately 20 feet above ground at the southwest vertical beam.

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

Date				Time (Begin-End)		
May 19, 2020		Cara Snellen			0830-1030	
Temperature (°F)	Wine	d (mph)	Precipitation amount	Visibility	Weather Comment	
65-68	2-5		0.04 in (last 24 hrs.).	Good (10 mi.)		Partly cloudy

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

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

#### SERC Site:

**Western Parcel** – Ongoing activities related to above-ground infrastructure; concrete pouring; minor excavation; pipe/duct fabrication; delivery and movement of materials/equipment.

Eastern Parcel – Ongoing activities included control room operations; work in Unit 1 and 2; gate installation at Dale Avenue entrance; truck ingress/egress (deliveries); movement of materials by crane; foot traffic; demobilization of materials and clean-up (ARB).

Western Laydown (SCE West parcel) – Activities included concrete truck staging; foot traffic.

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

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

Church Parking Lot - No SERC-related activities.

## SERC Amendment Area:

Parcel A – Activities included parking.

**Parcel B** – Activities included material inventory/movement in warehouse B. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

Parcel C – Activities included parking; foot traffic.

# **Summary of Biological Resources Monitoring Observations**

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

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

None

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

- MODO nest #1 in Eastern Parcel (air compressor awning) An adult mourning dove (Zenaida macroura; MODO)
  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 #2 in Eastern Parcel (GSU overhead rack-west) —A fledgling mourning dove was observed perched
  near the nest. The second fledgling was not visible. No adults were present in the area. The fledgling was not
  disturbed by the presence of the biologist or by nearby construction activities.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) —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.
- HOSP nest (#7) in Parcel B A adult male house sparrow (*Passer domesticus*) was observed entering and exiting the nest cavity. The nest is presumed to be in the incubation stage. The bird was not disturbed by the presence of the biologist or by nearby construction activities.

- MODO nest (#8) north of Parcel B Two fledgling mourning doves were observed perched near the nest. No
  adults were present in the area. The fledglings were not disturbed by the presence of the biologist or by nearby
  activities.
- HOSP nest (#3) east of Parcel C An adult male house sparrow was observed perched next to the nest cavity. The male entered the nest; an adult female then exited the nest and flew away. The nest is presumed to be in the incubation stage. The adults were not disturbed by the presence of the biologist or by nearby activities.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-east) —An adult mourning dove was observed sitting on the
  nest in incubation position. A second adult was observed making several trips to the nest with nesting material.
  The adults were 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 (*Haemorhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), killdeer (*Charadrius vociferus*), European starling (*Sturnus vulgaris*), Western gull (*Larus occidentalis*), lesser goldfinch (*Spinus psaltria*)

Reptiles: side blotched lizard (*Uta stansburiana*)



Location

SERC - Western Parcel

Description

Overview of construction activities associated with the aboveground infrastructure for the battery storage in the West parcel, facing southeast.

# Photo 2



Location

SERC - Western Parcel

Description

Concrete pouring in the West parcel, facing west.



Location

SERC - Eastern Parcel

Description

Movement of materials via crane near Unit 2 of the East parcel, facing north.

# Photo 4



Location

SERC – Eastern Parcel

Description

Ongoing construction activities associated gate installation at the Dale Avenue entrance of the East parcel, facing southeast. MODO East #3 nest is located in the trash enclosure on the right side of the photo. An adult was observed sitting on the nest and showed no signs of disturbance.



Location

SERC - Eastern Parcel

Description

An adult mourning dove was observed sitting on the nest in incubation position at MODO East #1. Ongoing construction activities in the area included foot traffic and work inside Units 1 and 2. The adult showed no signs of disturbance.

# Photo 6



Location

SERC – Eastern Parcel

Description

Location of MODO East #4 (left) and MODO East #2 (right) in the overhead rack near the GSU in the East parcel, facing south. Nearby construction activities included movement of materials via crane. The birds associated with the nests showed no signs of disturbance.



Location

Gas pipeline at Dale Avenue entrance (Eastern Parcel)

Description

Ongoing construction activities associated with the gas pipeline at the Dale Avenue entrance of the East parcel, facing east.

# Photo 8



Location

SERC – Eastern Laydown

Description

Parking, demobilization of materials, and clean-up (ARB) in the East laydown yard, facing west.



Location

SERC – Western Laydown Yard

Description

Staging of concrete trucks in the West laydown yard in support of concrete pouring activities in the West parcel, facing west.

# Photo 10



Location

SERC Amendment Area – Parcel B

Description

Overview of Nest #7 (house sparrow) above the north corner of the equipment doors of warehouse B, facing south. Both SERC and non-SERC activities were occurring in the area. An adult male was observed entering/exiting the nest cavity and showed no signs of disturbance.

# Photo 11 | Sample | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution | Substitution |

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

Date				Time (Begin-End)		
May 20, 2020			Cara Snellen			1100-1200
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
70-72	3-7		0.0 in.	Good (10 mi.)	Cl	ear 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, in/near Parcel B, and near Parcel C/West Laydown Yard.

- MODO nest #1 in Eastern Parcel (air compressor awning) Active mourning dove (Zenaida macroura; MODO)
  nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in
  the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established
  around the nest (as accessible) with flagging and signage.
- MODO nest #2 in Eastern Parcel (GSU overhead rack-west) Active mourning dove nest located on a metal plate that connects a vertical beam to the overhead wire rack just east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) —Active mourning dove nest located under the northwest corner of the trash enclosure awning at the Dale Avenue entrance of the East parcel, approximately 8 feet above the ground. A no-disturbance buffer 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 nestlocated 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. This nest is located approximately 20 feet east of MODO East #2 (across the access road) (see photos 5-6). A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage. T
- HOSP nest (#7) in Parcel B Active house sparrow (Passer domesticus: HOSP) nest located in the north corner of
  the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the
  ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act
  (MBTA).
- MODO nest (#8) north of Parcel B Active mourning dove nest located on a beam ledge under the west edge of the north warehouse C awning, approximately 75 feet north of Parcel B. The nest is approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with asphalt marking and signage.
- HOSP nest (#3) east of Parcel C Active house sparrow nest located inside wire insulator directly west of a utility
  pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West laydown Yard.
  The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under
  provisions of the MBTA.

#### SERC Site:

**Eastern Parcel** – Ongoing activities included ingress/egress around nest buffers; work inside Unit 1 and 2; control room operations; gate installation at the Dale Avenue entrance, gas pipeline work; access road vehicle traffic; clean-up (ARB).

West Laydown Yard – Ongoing activities included foot traffic.

#### SERC Amendment Area:

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

Parcel C – Ongoing activities included parking; foot traffic.

#### **Summary of Biological Resources Monitoring Observations**

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

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

None

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

- MODO nest #1 in Eastern Parcel (air compressor awning) —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 #2 in Eastern Parcel (GSU overhead rack-west) No activity was observed at the nest. Several
  mourning doves were present in the area.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) No mourning doves were observed in the nest; however, visibility is limited due the nest location and height. An adult was perched nearby. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-west) An adult mourning dove was observed in the nest but then left the area.
- HOSP nest (#7) in Parcel B An adult house sparrow was observed exiting the nest cavity.
- MODO nest (#8) north of Parcel B No activity was observed at the nest and no mourning doves were present in the area.
- HOSP nest (#3) east of Parcel C An adult male house sparrow was observed entering the nest cavity.

# 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, Northern mockingbird (*Mimus polyglottos*), house sparrow, killdeer (*Charadrius vociferus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), lesser goldfinch (*Spinus psaltria*), redtailed hawk (*Buteo jamaicensis*)



Location

SERC - Eastern Parcel

Description

An adult mourning dove sitting low on the nest (MODO East #1) in incubation position, facing southeast. Construction activities near the nest buffer included foot traffic and work inside Unit 1 and 2. The adult showed no signs of disturbance.

# Photo 2



Location

SERC – Eastern Parcel

Description

Overview of the nest located in the GSU overhead rack west/south of the access roads (MODO East #2), facing southwest. Construction activities near the nest buffer included foot/vehicle traffic. No birds or nesting activity was observed.



Location

SERC - Eastern Parcel

Description

Overview of the nest located in the Dale Avenue entrance trash enclosure (MODO East #3), facing southeast. Construction activities near the nest buffer included foot traffic, gate installation, and gas pipeline work south of the enclosure. No birds were visible in the nest but an adult mourning dove was perched nearby.

#### Photo 4



Location

SERC - Eastern Parcel

Description

Overview of the nest located in the GSU overhead rack east/south of the access roads (MODO East #4), facing southeast. Construction activities near the nest buffer included foot/vehicle traffic. An adult was observed briefly in the nest but left the area.



Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #8 location (mourning dove), facing northeast. No mourning doves were observed in the area. SERC construction activities included material inventory/movement in warehouse B. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

#### Photo 6



Location

SERC - Eastern Parcel

Description

Overview of Nest #7 location (house sparrow), facing northeast. An adult was observed exiting the nest cavity. SERC construction activities included material inventory/movement in warehouse B. 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)
May 21, 2020			Cara Snellen			0900-1045
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
70-75	2-5		0.0 in.	Good (10 mi.)	Cl	ear 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, in/near Parcel B, and near Parcel C/West Laydown Yard. Monitored work with in the MODO East #1 nest buffer.

- MODO nest #1 in Eastern Parcel (air compressor awning) Active mourning dove (Zenaida macroura; MODO)
  nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in
  the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established
  around the nest (as accessible) with flagging and signage.
- MODO nest #2 in Eastern Parcel (GSU overhead rack-west) Active mourning dove nest located on a metal plate that connects a vertical beam to the overhead wire rack just east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) —Active mourning dove nest located under the northwest corner of the trash enclosure awning at the Dale Avenue entrance of the East parcel, approximately 8 feet above the ground. A no-disturbance buffer 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. This nest is located approximately 20 feet east of MODO East #2 (across the access road) (see photos 5-6). A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage. T
- HOSP nest (#7) in Parcel B Active house sparrow (Passer domesticus: HOSP) nest located in the north corner of
  the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the
  ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act
  (MBTA).
- MODO nest (#8) north of Parcel B Active mourning dove nest located on a beam ledge under the west edge of the north warehouse C awning, approximately 75 feet north of Parcel B. The nest is approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with asphalt marking and signage.
- HOSP nest (#3) east of Parcel C Active house sparrow nest located inside wire insulator directly west of a utility
  pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West laydown Yard.
  The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under
  provisions of the MBTA.

#### SERC Site:

**Eastern Parcel** – Ongoing activities included ingress/egress around nest buffers; work inside Unit 1 and 2; control room operations; gate installation at the Dale Avenue entrance, gas pipeline work; access road vehicle traffic; clean-up (ARB).

West Laydown Yard – Ongoing activities included foot traffic.

#### SERC Amendment Area:

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

Parcel C – Ongoing activities included parking; foot traffic.

#### **Summary of Biological Resources Monitoring Observations**

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

# **Special-Status Species Observed:**

None

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

- MODO nest #1 in Eastern Parcel (air compressor awning) —An adult mourning dove was observed sitting on the
  nest in incubation position. No other mourning doves were observed nearby. Work activities (testing, systems
  check of air compressors) were monitored within the nest buffer. The adult remained on the nest for the duration
  of the monitoring period (0955-1010). The adult was not disturbed by the presence of the biologist, work within
  the buffer, or by nearby construction activities.
- MODO nest #2 in Eastern Parcel (GSU overhead rack-west) No activity was observed at the nest. Based on
  recent observations, this nest has successfully fledged and is no longer active. The no-disturbance buffer has been
  removed.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) No mourning doves were observed in the nest or in the immediate area. The nest currently contains 2 eggs. Given the absence of the adults, the nest status is unknown at this time.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-west) Two adult mourning doves were observed perched
  near the nest. One adult entered the rest with the second adult standing adjacent. Both adults remained for a few
  minutes and then left the area. The adults were not disturbed by the presence of the biologist or by nearby
  construction activities.
- HOSP nest (#7) in Parcel B An adult male house sparrow was observed entering the nest cavity.
- MODO nest (#8) north of Parcel B No activity was observed at the nest. Based on recent observations, this nest has successfully fledged and is no longer active. The nest was confirmed empty and removed. The no-disturbance buffer has been removed.
- HOSP nest (#3) east of Parcel C An adult male house sparrow was observed perched next to the nest cavity and vocalizing.

## 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*), Northern mockingbird (*Mimus polyglottos*), house sparrow, killdeer (*Charadrius vociferus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), red-tailed hawk (*Buteo jamaicensis*), European starling (*Sturnus vulgaris*), American crow (*Corvus brachyrhynchos*), barn swallow (*Hirundo rustica*)



Location

SERC - Eastern Parcel

Description

An adult mourning dove sitting low on the nest (MODO East #1) in incubation position, facing southeast. Construction activities near the nest buffer included foot traffic and work inside Unit 1 and 2.

# Photo 2



Location

SERC - Eastern Parcel

Description

Monitored work on the air compressor units within the MODO East #1 nest buffer, facing west. The adult remained on the nest for the duration of the monitoring period and showed no signs of disturbance.



Location

SERC - Eastern Parcel

Description

Overview of the MODO East #2 nest location in the GSU overhead rack west/south of the access roads, facing southwest. The nest has fledged and is no longer active. The no-disturbance buffer has been removed.

#### Photo 4



Location

SERC - Eastern Parcel

Description

Overview of the nest located in the Dale Avenue entrance trash enclosure (MODO East #3), facing northeast. Construction activities near the nest buffer included foot traffic, gate installation, and gas pipeline work south of the enclosure. The nest contains 2 eggs but no adults were observed in the area.



Location

SERC - Eastern Parcel

Description

Overview of the nest located in the GSU overhead rack east/south of the access roads (MODO East #4), facing southwest. Construction activities near the nest buffer included foot/vehicle traffic and systems checks. Two adults were observed briefly at the nest.

#### Photo 6



Location

SERC – Parcel B of the Amendment Area

Description

Overview of Nest #8 location (mourning dove), facing northeast. SERC construction activities included material inventory/movement in warehouse B. Non-SERC activities included foot/equipment traffic; loading and movement of materials. The nest has fledged and is no longer active. The nest and buffer have been removed.

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

Date		Monitor				Time (Begin-End)
May 22, 2020			Cara Snellen			0800-1000
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
67-70	2-3		0.00 in.	Good (10 mi.)		Partly cloudy

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

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

#### SERC Site:

**Western Parcel** – Ongoing activities related to above-ground infrastructure; pipe/duct fabrication; delivery and movement of materials/equipment.

**Eastern Parcel** – Ongoing activities included control room operations; systems checks; work in Unit 1 and 2; vehicle ingress/egress on access road; foot traffic; demobilization of materials and clean-up (ARB).

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

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

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

Church Parking Lot - No SERC-related activities.

#### SERC Amendment Area:

Parcel A - Activities included parking.

**Parcel B** – Activities included material inventory/movement in warehouse B. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

Parcel C – Activities included parking; foot traffic.

# **Summary of Biological Resources Monitoring Observations**

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

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

None

# **Nesting Bird Observations:**

- MODO nest #1 in Eastern Parcel (air compressor awning) An adult mourning dove (*Zenaida macroura*; MODO) 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 #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) —No nesting activity was observed and
  no adults were present in the area. The status of the nest is unknown at this time.
- HOSP nest (#7) in Parcel B A adult male house sparrow (Passer domesticus) was observed entering and exiting
  the nest cavity. The nest is presumed to be in the incubation stage. The adult was not disturbed by the presence of
  the biologist or by nearby construction activities.
- HOSP nest (#3) east of Parcel C An adult female house sparrow was observed entering the nest cavity. The nest
  is presumed to be in the incubation stage. The adult was not disturbed by the presence of the biologist or by
  nearby activities.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-east) –No nesting activity was observed but two adults were perched nearby. 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> <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 sparrow, Northern mockingbird ( <i>Mimus polyglottos</i> ), house finch ( <i>Haemorhous mexicanus</i> ), Eurasian collared dove ( <i>Streptopelia decaocto</i> ), rock pigeon ( <i>Columba livia</i> ), killdeer ( <i>Charadrius vociferus</i> ), lesser goldfinch ( <i>Spinus psaltria</i> )



Location

SERC - Western Parcel

Description

Overview of construction activities associated with the above-ground infrastructure for the battery storage in the West parcel, facing southwest.

# Photo 2



Location

SERC - Western Parcel

Description

Duct/pipe fabrication activities in the West parcel, facing southeast.



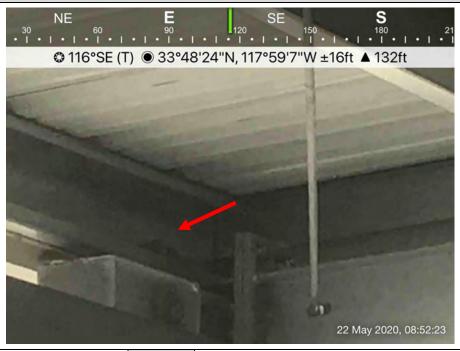
Location

SERC - Eastern Parcel

Description

Movement of materials in the East parcel, facing west.

# Photo 4



Location

SERC – Eastern Parcel

Description

An adult mourning dove was observed sitting on the nest in incubation position at MODO East #1, facing southeast. Ongoing construction activities in the area included foot traffic, control room operations, and work inside Units 1 and 2. The adult showed no signs of disturbance.



Location

SERC - Eastern Parcel

Description

Overview of MODO East #3 nest location in the trash enclosure at the Dale Avenue entrance in the East parcel, facing southwest. No nesting activity was observed and no adults were present near the nest. Ongoing construction activities included gas pipeline work behind the enclosure..

# 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. Nearby construction activities included foot traffic and systems checks. No nesting activity was observed but two adults were perched nearby.



Location

Gas pipeline at Dale Avenue entrance (Eastern Parcel)

Description

Ongoing construction activities associated with the gas pipeline at the Dale Avenue entrance of the East parcel, facing southeast.

# Photo 8



Location

SERC – Eastern Laydown Yard

Description

Parking, demobilization of materials, and clean-up (ARB) in the East laydown yard, facing southeast.



Location

SERC Amendment Area – Parcel B

Description

Overview of Nest #7 (house sparrow) above the north corner of the equipment doors of warehouse B, facing southeast. Both SERC and non-SERC activities were occurring in the area. An adult female was observed entering the nest cavity and showed no signs of disturbance.

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

Date		Monitor				Time (Begin-End)
May 26, 2020		Cara Snellen			1330-1430	
Temperature (°F)	Wind	i (mph)	Precipitation amount	Visibility	We	eather Comment
77-79	3-7		0.0 in.	Good (10 mi.)	CI	ear 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, in/near Parcel B, and near Parcel C/West Laydown Yard.

- MODO nest #1 in Eastern Parcel (air compressor awning) Active mourning dove (Zenaida macroura; MODO)
  nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in
  the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established
  around the nest (as accessible) with flagging and signage.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) —Active mourning dove nest located under the northwest corner of the trash enclosure awning at the Dale Avenue entrance of the East parcel, approximately 8 feet above the ground. A no-disturbance buffer 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. This nest is
  located approximately 20 feet east of MODO East #2 (across the access road) (see photos 5-6). A no-disturbance
  buffer has been established around the four vertical beams below the nest with flagging and signage. T
- 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 ingress/egress around nest buffers; work inside Unit 1 and 2; control room operations; gas pipeline work; access road 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**

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 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.
- MODO nest #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) No mourning doves were observed in the nest or in the immediate area. Given the absence of the adults, the nest status is unknown at this time.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-east) No mourning doves were observed in the nest or in the immediate area. Given the absence of the adults, the nest status is unknown at this time.
- HOSP nest (#7) in Parcel B An adult female house sparrow was observed entering the nest cavity with food. Chicks were heard vocalizing.
- HOSP nest (#3) east of Parcel C An adult male house sparrow was observed perched next to the nest cavity and vocalizing.

#### 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, Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*)



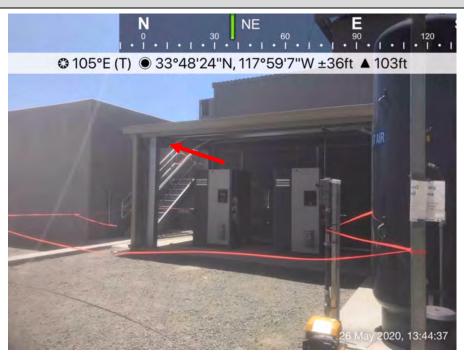
Location

SERC - Eastern Parcel

Description

An adult mourning dove sitting low on the nest (MODO East #1) in incubation 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.



Location

SERC - Eastern Parcel

Description

Overview of the nest located in the Dale Avenue entrance trash enclosure (MODO East #3), facing southwest. Construction activities near the nest buffer included foot traffic and gas pipeline work south of the enclosure. No adults were observed in the area.

#### Photo 4



Location

SERC – Parcel B of the Amendment Area

Description

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 female was observed entering the nest cavity with food and chicks were heard vocalizing.

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

Date		Monitor				Time (Begin-End)
May 27, 2020		Cara Snellen			0930-1130	
Temperature (°F)	Wind (mph)		Precipitation amount	Visibility	We	eather Comment
67-70	67-70 2-5		0.00 in.	Good (10 mi.)	Partly c	loudy to 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; pipe/duct fabrication; earth contouring and fence installation along the south boundary; movement of materials/equipment; demobilization of equipment.

**Eastern Parcel** – Ongoing activities included control room operations; systems checks; mobile systems 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 parking; material storage.

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

Church Parking Lot - No SERC-related activities.

#### SERC Amendment Area:

Parcel A – Activities included parking.

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

Parcel C - Activities included parking; foot traffic.

# **Summary of Biological Resources Monitoring Observations**

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

# **Special-Status Species Observed:**

None

# **Nesting Bird Observations:**

- MODO nest #1 in Eastern Parcel (air compressor awning) An adult mourning dove (Zenaida macroura; MODO) 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 #3 in Eastern Parcel (Dale Avenue entrance trash enclosure) —No nesting activity was observed and no adults were present in the area. Based on recent observations, this nest is no longer active (see Wildlife Observation Form).
- **HOSP nest (#7) in Parcel B** A adult female house sparrow (*Passer domesticus*; HOSP) was observed entering the nest cavity with food. An adult male was vocalizing nearby. The nest is presumed to be in the feeding chicks stage. The adult was 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 was observed perched near the nest. The nest is
  presumed to be in the incubation stage. The adult was not disturbed by the presence of the biologist or by nearby
  activities.
- 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.

• An active mourning dove nest (MODO West #5) was observed on a beam ledge under the northeast corner of the RO system awning near the eastern boundary of the West parcel (see photo 3). 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 approached the nest and the pair switched places. Neither adult was disturbed by the presence of the biologist. The nest location is approximately 12 feet above the ground and is partially concealed by the vertical post, the beam ledge, 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. No work will be conducted near the nest until the BESS is complete and the RO system is connected. Nearby construction activities in the area include foot traffic and truck ingress/egress on the access road located approximately 60 feet north of the nest. However, construction activities are visually buffered by the large RO tank to the northwest and the stationed truck trailer to the north. A nodisturbance buffer was established around the main vertical post and two posts supporting overhead pipes below the nest (approximately 4x4 feet) with flagging and signage. Coordinates: 33.80674033, -117.98714119 (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 sparrow, Northern mockingbird (*Mimus polyglottos*), house finch (*Haemorhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), European starling (*Sturnus vulgaris*), Cassin's kingbird (*Tyrannus vociferans*)



Location

SERC - Western Parcel

Description

Overview of construction activities associated with the aboveground infrastructure for the battery energy storage system (BESS) in the West parcel, facing southwest.

# Photo 2



Location

SERC - Western Parcel

Description

Earth contouring and fence installation along the south boundary of the West parcel, facing west.



Location

SERC - Western Parcel

Description

Overview of the new 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 in incubation position. A nodisturbance buffer was established below the new nest with flagging and signage.

#### Photo 4



Location

SERC – Eastern Parcel

Description

Overview of the MODO East #1 nest and nest buffer at the air compressor awning in the East parcel, facing southwest. Ongoing construction activities in the area included foot traffic, control room operations, mobile systems operations (see photo), and work inside Units 1 and 2.



Location

SERC - Eastern Parcel

Description

An adult mourning dove was observed sitting on the nest in incubation position at MODO East #1, facing southeast. The adult showed no signs of disturbance.

#### Photo 6



Location

SERC - Eastern Parcel

Description

Overview of MODO East #3 nest location in the trash enclosure at the Dale Avenue entrance in the East parcel, facing south. No nesting activity was observed and, based on recent observations, the nest is no longer active. The buffer has been removed. Ongoing construction activities included gas pipeline work behind the enclosure.



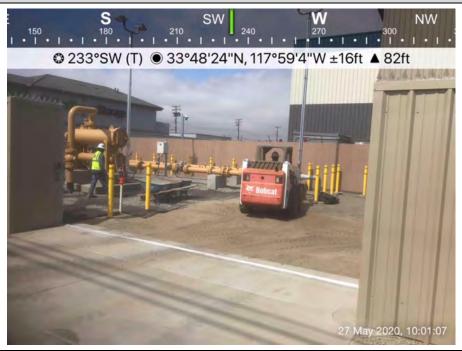
Location

SERC - Eastern Parcel

Description

Location of MODO East #4 in the overhead rack near the GSU in the East parcel, facing southwest. Ad adult was observed sitting on the nest in incubation position. Nearby construction activities included foot/vehicle traffic.

#### Photo 8



Location

Gas pipeline at Dale Avenue entrance (Eastern Parcel)

Description

Ongoing construction activities associated with the gas pipeline at the Dale Avenue entrance of the East parcel, facing southwest.



Location

SERC Amendment Area – Parcel B

Description

Overview of Nest #7 (house sparrow) above the north corner of the equipment doors of warehouse B, facing southeast. Both SERC and non-SERC activities were occurring in the area. An adult female was observed entering the nest cavity with food and an adult was vocalizing nearby. Neither adult showed signs of disturbance.

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

Date				Monitor	Time (Begin-End)			
May 28, 202	.0		Cara Snellen			0930-1030		
Temperature (°F)	Wind	(mph)	Precipitation amount	Visibility	We	eather Comment		
68-70	3-	-5	0.0 in.	Good (10 mi.)	CI	lear 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; control room operations; gas pipeline work; access road vehicle traffic.

**Eastern Parcel** – Ongoing activities included above-ground BESS infrastructure construction; pipe/duct 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**

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 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.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-east) 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.
- MODO nest #5 in Western Parcel (RO system awning) 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.
- HOSP nest (#7) in Parcel B No nesting activity was observed and no house sparrows were present in the area.
- HOSP nest (#3) east of Parcel C An adult male house sparrow was observed perched next to the nest cavity and vocalizing.

#### **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, Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), lesser goldfinch (*Spinus psaltria*)



Location

SERC - Eastern Parcel

Description

An adult mourning dove sitting low on the nest (MODO East #1) in incubation 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 west. Construction activities near the nest buffer included foot traffic, control room operations, and work inside Unit 1 and 2.



Location

SERC – Eastern Parcel

Description

Overview of the nest located in the GSU overhead rack in the East parcel (MODO East #4), facing southwest. An adult mourning dove was sitting low on the nest in incubation position and a second adult was perched nearby. Construction activities near the nest buffer included foot traffic.

#### Photo 4



Location

SERC - Western Parcel

Description

An adult mourning dove sitting low on the nest (MODO West #5) in incubation position, facing north. A second adult was perched nearby. The adults were not disturbed by the presence of the biologist or nearby construction activities.



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 duct/pipe fabrication; foot traffic.

#### Photo 6



Location

SERC – Parcel B of the Amendment Area

Description

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. No nesting activity was observed and no house sparrows were present in the area.

### Stanton Energy Reliability Center (SERC) **BIOLOGICAL RESOURCES**

## COMPLIANCE MONITORING LOG

Date				Time (Begin-End)			
May 29, 202	.0	Cara Snellen			0900-1100		
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment	
65-68	2	2-3	0.00 in.	Good (10 mi.)	CI	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; 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 parking; material storage.

Gas Pipeline - No SERC-related activities.

Church Parking Lot - No SERC-related activities.

#### SERC Amendment Area:

Parcel A - No accessible.

Parcel B - Not accessible.

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 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 Not accessible.
- HOSP nest (#3) east of Parcel C Adult male and female house sparrows (Passer domesticus: HOSP) were observed entering and exiting 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.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-east) 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 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 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:
<b>Birds:</b> mourning dove, house sparrow, 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> ), Cassin's kingbird ( <i>Tyrannus vociferans</i> ), barn swallow ( <i>Hirundo rustica</i> )



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.

#### Photo 2



Location

SERC - Western Parcel

Description

Movement of materials in the West parcel, facing northeast.



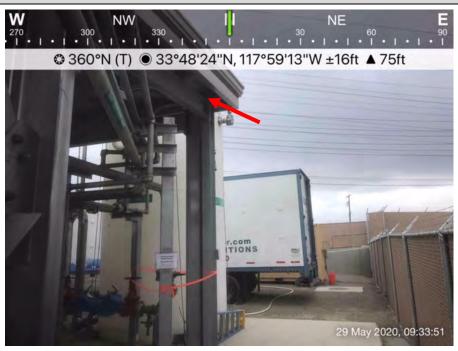
Location

SERC - Western Parcel

Description

Material modification activities near the RO awning in the West parcel, facing east.

#### P hoto 4



Location

SERC – Western Parcel

Description

Overview of the new 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 in incubation position. Construction activities near the nest buffer included frame cutting and foot traffic. The adult showed no signs of disturbance.



Location

SERC - Eastern Parcel

Description

An adult mourning dove was observed sitting on the nest in incubation position at MODO East #1, facing east. Construction activities near the nest buffer included control room operations and foot traffic. The adult showed no signs of disturbance.

#### 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 and a second adult was perched nearby. Construction activities near the nest buffer included foot/vehicle traffic. The adults showed no signs of disturbance.



Location

SERC – Eastern Parcel

Description

Work on the Unit 1 stack in the East parcel, facing west.

#### Photo 8



Location

SCE East Laydown Yard

Description

Minor construction activities in the East laydown yard included parking and material storage, facing north. Most of the parcel has been cleared and is no longer in use.

Appendix C Wildlife Species List

#### Observed Wildlife Species List May 1 - May 31, 2020 Stanton Energy Reliability Center

Common Name	Scientific Name	Status Federal/State/Other
Birds		
Allen's hummingbird	Selasphorus sasin	/
American crow	Corvus brachyrhynchos	//
American kestrel	Falco sparverius	/
Barn swallow	Hirundo rustica	/
Cassin's kingbird	Tyrannus vociferans	//
Eurasian collared dove	Streptopelia decaocto	//NP
European starling	Sturnus vulgaris	//NP
House finch	Haemorhous mexicanus	/
House sparrow	Passer domesticus	//NP
Killdeer	Charadrius vociferus	//
Lesser goldfinch	Spinus psaltria	//
Mourning dove	Zenaida macroura	/
Northern mockingbird	Mimus polyglottos	//
Red masked parakeet	Aratinga erythrogenys	//NP
Red-tailed hawk	Buteo jamaicensis	/
Rock pigeon	Columba livia	//NP
Turkey vulture	Cathartes aura	//
Western gull	Larus occidentalis	/
Reptiles		
Side blotched lizard	Uta stansburiana	/
Western fence lizard	Sceloporus occidentalis	/

#### **Status Codes:**

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

#### Federal:

FE = Federally listed Endangered: species in danger of extinction throughout a significant portion of its range

FT = Federally listed Threatened: species likely to become endangered within the foreseeable future

BCC = Birds of Conservation Concern

#### State:

SE = State listed as Endangered

ST = State listed as Threatened

FP = Fully Protected

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

S = Sensitive

WL = Watch List

SP = Special Animals List

#### Other:

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

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

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

NP = Not Protected (Introduced Species)

Appendix D Wildlife Observations Form

# Stanton Energy Reliability Center (SERC) Wildlife Observation Form

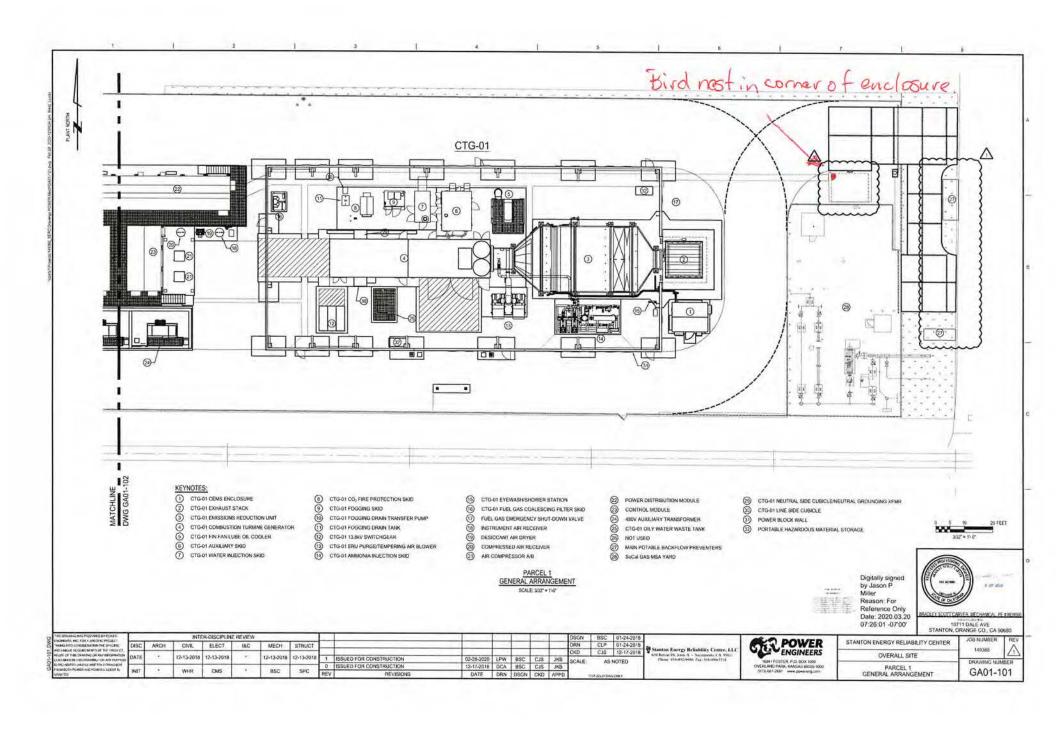
To be filled out by personnel who find active nest sites, wildlife dens, dead and/or injured wildlife, or other biological resources during daily construction activities. If nesting birds, dead and/or injured wildlife have been identified, please contact Ava Edens/Designated Biologist (DB) at (949) 466-5178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

		Observer	Observer's Employer
5/4/2020 3:00 p.m.	Mike Malsy		Wellhead
Location of Observation (in	nclude time spotted a	and coordinates if possib	ile)
Trash dumpster enclosur	e		
Wildlife Species Name		Condition of Wildlife	e (alive/dead, size, age, weight, etc.)
Dove		Alive	
Cause of Injury or Mortalit	y and time of death (	If unknown, enter "unkn	own")
N/A	•		Postson
Note Asset			
Current Location of Animal			
Bird left nest			
Is the Biological Resource		ng Impacted by Projec	ct or Other Site Activities?
Yes No	N/A X		
If Yes, Explain			
Additional Comments			
Additional Comments CBO originally identified			d left the nest and picture was taken. There was no egg ission to remove nesting material.
Additional Comments CBO originally identified found in the nest. The pict	ture was e-mailed t	o Ava Edens for permi	ission to remove nesting material.
Additional Comments CBO originally identified found in the nest. The pict	ture was e-mailed t	o Ava Edens for permi	ission to remove nesting material.
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Additional Comments CBO originally identified found in the nest. The pict	ture was e-mailed t	o Ava Edens for permi	ission to remove nesting material.

# Photo 1 Trash Enclosure Nesting material Description Location Photo 2

Description

Location



# Stanton Energy Reliability Center (SERC) Wildlife Observation Form

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

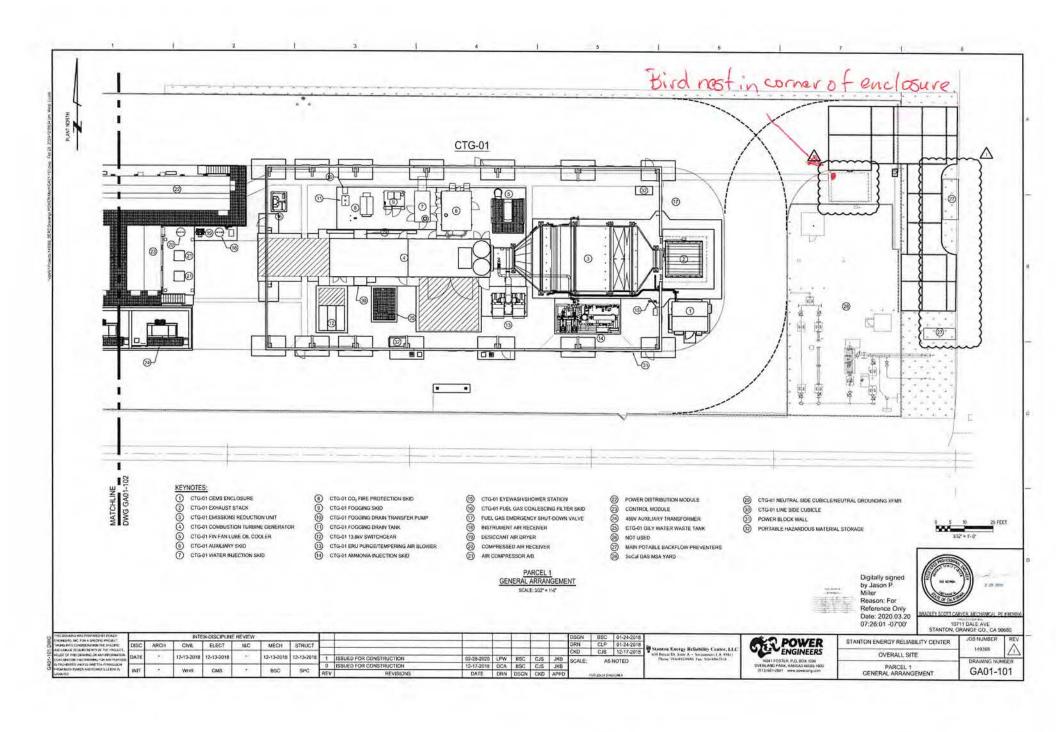
Date and Time		Observer	Observer's Employer
5/5/2020 2:50 p.m.	Mike Malsy		Wellhead
Location of Observation (in	clude time spotted and	d coordinates if possible	e)
Trash dumpster enclosure	2		
Wildlife Species Name		Condition of Wildlife	(alive/dead, size, age, weight, etc.)
Dove		Alive	
Cause of Injury or Mortality	y and time of death (If	unknown, enter "unkno	wn")
N/A			
Current Location of Animal	4		
Bird in nest with egg.			
Is the Biological Resourc	e in Danger of Being	Impacted by Project	or Other Site Activities?
Yes X No	N/A		
If Yes, Explain			
Additional Comments		000 p. 000 p. 000 p. 000 p. 1	left the nest and picture was taken. There was no egg
found in the nest. The pictory	ure was e-mailed to a	Ava Edens for permis Nesting material remo	sion to remove nesting material.
Bird returned overnight , b and protection of the bird.		egg in the same loca	tion. Barricade was set up to allow both access to the site



 Location
 Trash Enclosure
 Description
 Enclosure cordoned off for protection of bird

#### Photo 2

Location Description



# Stanton Energy Reliability Center (SERC) Wildlife Observation Form

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

nave contacted the DB of	r Biological Mon	tor, please	e complete this "Wildlife Obser	vation Form".
Date and Time			Observer	Observer's Employer
May 6, 2020		(	Cara Snellen	Jacobs
Location of Observation	(include time s	ootted and	d coordinates if possible)	
Discarded egg below ac Eastern Parcel. Coordin	_			ssor awning between Units 1 and 2 in the SERC
Wildlife Species Name			Condition of Wildlife (alive/	dead, size, age, weight, etc.)
Mourning dove ( <i>Zenaia</i>	la macroura) e	gg	Dead (not viable)	
Cause of Injury or Morta	ality and time of	death (If	unknown, enter "unknown")	
unknown				
Current Location of Anir	mal			
Stanton Energy Reliabil	ity Center (SEF	RC)		
		of Being	Impacted by Project or Ot	her Site Activities?
Yes No X	N/A			
If Yes, Explain				
Additional Comments				
the southeast corner of above the ground. The embryo visible. An adul to the area approximat	f the air compr biologist inspe It mourning do ely 1 hour late	essor aw cted the ve was p r to confi	ning between Units 1 and 2 location and confirmed the resent and sitting on the nerm that the adult remained	mourning dove nest located on the beam ledge under in the SERC Eastern Parcel, approximately 10 feet presence of a discarded egg mostly intact with an st; presumably still brooding. The biologist returned and the nest was still active. The no-disturbance diate vicinity included ingress/egress (foot traffic).



Location

SERC - Eastern Parcel

Description

Discarded egg mostly intact with an embryo visible found on ground below known active mourning dove nest (MODO #1) under the air compressor awning in the East parcel.

#### Photo 2

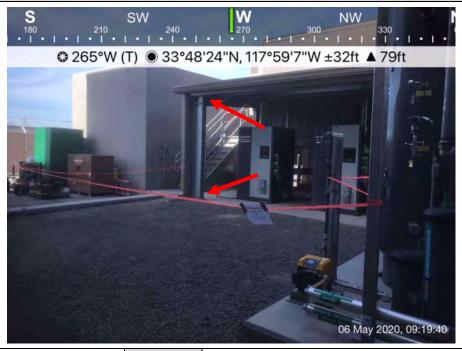


Location

SERC - Eastern Parcel

Description

Adult mourning dove sitting on the known active nest directly above the discarded egg (presumably brooding), facing south.



Location

SERC - Eastern Parcel

Description

The no-disturbance buffer previously established around the active mourning dove nest (MODO #1), facing west. The nest is located under the southeast corner of the awning; the discarded egg was found directly below the nest.

#### Photo 4



Location

SERC - Eastern Parcel

Description

Minimal construction activities in the East parcel included ingress/egress and control room operations, facing west.

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

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

Date and Time		Observer	Observer's Employer					
May 27, 2020		Cara Snellen	Jacobs					
Location of Observation (include time spotted and coordinates if possible)								
MODO East #3 nest (abandoned with 2 eggs) located in the northwest corner of the trash enclosure at the Dale Avenue								
entrance of the East parcel. Coordinates: 33.8069070, -117.9848149.								
Wildlife Species Name		Condition of Wildlife (alive/dea	ad, size, age, weight, etc.)					
Mourning dove (Zenaida ma	croura) eggs (2)	Dead (not viable)						
Cause of Injury or Mortality ar	nd time of death (If	unknown, enter "unknown")						
unknown								
Current Location of Animal								
Stanton Energy Reliability Ce	nter (SERC)							
Is the Biological Resource i	n Danger of Being	g Impacted by Project or Othe	r Site Activities?					
Yes No X	N/A							
If Yes, Explain	If Yes, Explain							

#### **Additional Comments**

The mourning dove nest (MODO East #3) was originally identified by Wellhead personnel on 5/5/2020. The nest was located in the northwest corner of the trash enclosure at the Dale Avenue entrance of the East parcel, approximately 8 feet above the ground. The biologist confirmed the status of the nest (incubation) on 5/6/2020 and established a no-disturbance buffer around the nest location; the size and shape of which accommodated/utilized the enclosure and surrounding infrastructure and accounted for the existing visual buffers around the nest. The buffer excluded entry into the trash enclosure and extended approximately 5 feet out from the front and sides of the enclosure. Construction activities occurring in the vicinity of the buffer included gas pipeline work behind the enclosure, concrete work and gate installation at the Dale Avenue entrance, and foot/vehicle traffic along the access road directly north of the trash enclosure. The biologist checked the nest daily and briefly monitored work in the area. An adult was observed sitting on the nest each day, often with a second adult nearby, and showed no signs of disturbance. During the week of May 18, work in the vicinity of the nest buffer was reduced as the contractor was in the process of demobilizing from the site. On May 20, the adult was not present on the nest. The next day, May 21, as the adult was still not present, the biologist was able to determine that the nest contained 2 eggs. Nesting activity was not observed again and the nest was officially considered abandoned (failed) on May 27. The nest and eggs were removed/disposed and the nest buffer was taken down. No adults were observed in the area. The only construction activities occurring in the immediate vicinity included gas pipeline work behind the trash enclosure and minimal foot/vehicle traffic.



Location

SERC - Eastern Parcel

Description

Abandoned mourning dove nest with 2 eggs located in the northwest corner of the trash enclosure near the Dale Avenue entrance of the East parcel.

#### Photo 2

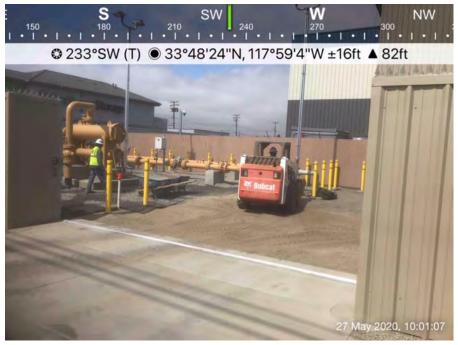


Location

SERC - Eastern Parcel

Description

Overview of the nest location in the trash enclosure, facing south. The no-disturbance buffer (flagging and signage) has been removed.



Location

SERC – Eastern Parcel

Description

The only construction activities in the vicinity of the nest location included gas pipeline work behind the trash enclosure (see photo) and minimal foot/vehicle traffic on the access road directly north of the nest buffer. The trash enclosure is located north of the gas pipeline (right of the photo) and work is visually buffered by the back wall of the enclosure.

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

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

Date and Tim	ne e		Observer	Observer's Employer			
May 27, 202	20		Cara Snellen	Jacobs			
Location of Observation (include time spotted and coordinates if possible)							
_		•	m awning (beam ledge of northe et above ground. Coordinates: 80	ast awning corner) near eastern boundary of the			
Wildlife Species Nar		inately 12 let	Condition of Wildlife (alive/de				
Mourning dove ( <i>Zei</i>	naida mac	croura)	Live				
Cause of Injury or M	lortality an	d time of deat	h (If unknown, enter "unknown")				
N/A							
Current Location of	Animal						
Stanton Energy Reli	ability Cer	nter (SERC)					
Is the Biological R	esource ir	n Danger of B	eing Impacted by Project or Othe	er Site Activities?			
Yes No	X	N/A					
If Yes, Explain							

#### **Additional Comments**

An active mourning dove nest (MODO West #5) was observed on a beam ledge under the northeast 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 approached the nest and the pair switched places. Neither adult was disturbed by the presence of the biologist. The nest location is approximately 12 feet above the ground and is partially concealed by the vertical post, the beam ledge, 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. No work will be conducted near the nest until the BESS is complete and the RO system is connected (estimate 1 month). Nearby construction activities in the area include foot traffic and truck ingress/egress on the access road located approximately 60 feet north of the nest. However, construction activities are visually buffered by the large RO tank to the northwest and the stationed truck trailer to the north. A no-disturbance buffer was established around the main vertical post and two posts supporting overhead pipes below the nest (approximately 4x4 feet) with flagging and signage.



Location

SERC - Western Parcel

Description

Closeup of active mourning dove nest (MODO West #5) located in the northeast 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.

#### Photo 2



Location

SERC – Western Parcel

Description

Overview of the MODO West #5 location on a beam ledge under the northeast corner of the RO system awning, facing north. The nest location is approximately 12 feet above the ground and is partially concealed by the vertical post, the beam ledge, and surrounding awning infrastructure. A no-disturbance buffer was established around the main vertical post and two posts supporting overhead pipes below the nest (approximately 4x4 feet) with flagging and signage.



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 northeast 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 fencing, large RO tank, stationed truck trailer, and other SERC infrastructure, effectively screening the nest from Project noise and activity (although not shown in Google Earth image). Coordinates: 33.80674033, -117.98714119.

Appendix E WEAP Training Log

## Certification of Completion of Worker Environmental Awareness Education Program

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

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

No.	Employee Name	Company	Signature	Date
1.	Scott Convente	Reliable Come		5-1-20
2.	MIKE MICEA	WELLAS	male	5-1-20
3.	Pedro H Raminez	Had steel	de	5/1-90
4.	Fabiga lonez	Mad steel	1 / 5 1	5-1-70
5.	Wan. Oliva	Mad steel	lian osled	5-1-20
6.	Middle A. Rivera	MAD STEEL	ALL QUELLY	5-1-20
7.	Tolian Thurbide	PMT	080 160	5-1-20
8.	Chris Kratt	PMT	Also hit	5-1-28
9.	Ed Acests	Reliable	500	5-1-20
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## 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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1.	RigoberTo martinez	Granitex	Signature RigoverTo marting	5-2-20
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Trainer: Jose Retino Grein Signature: John Unin Date: 05/02/2020

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.	Albredo Menguia	Grantex	allede Mirgina	05-04-20
2.	Carlos Garad	Granotes	( Control )	05-04-20
3.	Eddy movales	Mad STELL	Ethe	08-04-20
4.	MATT M'CUNE	MONTROSE	DATE OF C	5-1-20
5.	DAVID MY CIVIL	moutross	13	5.4.20
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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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# WEAP OFFERTON Site Specific Safety Orientation Site Specific Safety Orientation Reliability Center

Reliability Center

Sign in Sheet:

	Employee name	Signature	Company	Date
1.	Ruben Pineda	Kenlettul	6 vantes	5/7
2.	EJ ROBLES	+122	ERANITEX	5/7
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6.	SALNADOZ	MAtinez	GARNITIA	5/7/20
7.	Fidel Moreno	Such Mlove	Granitex	57/20
8.	Podo 1 Fo America	n	Brand Safinay	5-7.20
9.	Arenti's Smith	arenes Smith	Brand / Safway	5-1-20
10.	BANDRO BERNAL		BRAND/SATIRAL	5-7-20
11.	SPEGORY HENRY	Cong Any	BRAND/SAFWAY	5-7-20
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1.	STEVE CARRILLO	PMI	SCO	5-8-20
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No.	Employee Name	Company	Signature	Date
1.	Nigel O'Really	PMI	Nivel Otel	5-12-2020
2.	Nacary Xavier-	Pmi		5-12-20
3.	FLOY COORTELY	ALCORY	San Mus	5/12/20
4.	Erni Parra	ALCOM	SIM IS	5/12/2
5.	Carlos Veneges	Alcorn	Cally very	5-12-20
6.	Jose Flores	Road Safaran	1428	5-12-202
7.	Kichard Perez	Brown SAFWIN	1 Page 4	5/2 200
8.	Reconso Niniz	Brano Satary	Maden	5.12.20
9.	SANDRO BERNAL	BIZAMO SAFURIS	33	3.12-20
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No.	Employee Name	Company	Signature	Date
1.	Brian Cerjak	Mr. Crane	111	5-13-20
2.	Trans que	Mr. Cram	2/2	5-17-70
3.	Joseph Deiti Che	Mr. Crane	MA	5-13-20
4.	LAWRENCE DELA CRUZ	FIELDCORE/GE	3	5-13-20
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No.	Employee Name	Company	Signature	Date
1.	JOSE L MARTINEZ	BRWDSA	+ MILL	515-20
2.	Gustavo Mastinez	BRWDSA	A	5-15-70
3.	Reference Delan	BRAND SARU	11. 20 las 08 las 0	5-15-70
4.	David Alejandre	Brand Salway	Doune	5-15-20
5.	JUAN SANTIAGO	Brand SAGURA	1	5-15-20
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No.	Employee Name	Company	Signature	Date
1.	Adam (aswell	Clean Air Engineer	in the solid to	5-16-2020
2.	Oscar Gruza	Mr. Crarce	( from	5-16-20
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No.	Employee Name	Company	Signature	Date
1.	TOAULD SWELLT	MR. CRAN	shif	18usty
2.	JAMES CAUDERON			05/18
3.	Ruis GARCON	SAFWHY	L'Lewe	05-18-20
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5.	Chris RAMIREZ	Connor	Clarken	5-18-20
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No.	Employee Name	Company	Signature/ A/1	Date
1.	MICHAEL DILLARD	MRCRANE	Milkelh	5-19-2
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No.	Employee Name	Company	Signature	Date
1.	Ridy Sevra	Parl	R	5.20.20
2.	PAMON PUBIOS	PMI	Therestown	5/20/20
3.	Ryan Alcaras	Or steel	BULL	5/20/20
4.	Sam Tanaeta	Brand / Sent Day	Spart	8 20 30
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No.	Employee Name	Company	Signature	Date
1.	SHANNON ECRUGHAN	MONTROSE	nestr	5/22/20
2.	John Pelarm	MAGS	Jaklin	5/22/20
3.	Hannah Simon	MAQS	Manne R>	5/22/20
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5.	Christophy Sing	MADS	en Do	5-22-20
6.	Isael Garcia	Mad steel	The shape	5-22-20
7.	Frank & Rocka	OP Steel	Sand De Dave	5-22-20
8.	RYAN TWEEDT	CONNOR C.C.	e to	5.22.20
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No.	Employee Name	Company	Signature	Date
1.	Bornordo Hornanto	Alcorn	BISP	5-26-20
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No.	Employee Name	Company	Signature	Date
1.	Dean Hollinger	Southern Cont. Co	Dhollinger	5-27-202
2.	GARY NIZESON	AMA GAOOP	Sun Police	5/27/20
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No.	Employee Name	Company	Signature	Date
1.	Jarn Bright	13 PSTEEL	1 Brutos	5-23-10
2.	Robert Vaseyez	Southern	RelA Varan	5-28-20
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No.	Employee Name	Company	Signature	Date
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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) May 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:** May 2020

This May 2020 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from May 1 through May 31, 2020 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. Excavations in May included those for adjustments to the fence alignment along the southern boundary of the project, for post holes for the front gate on Dale Avenue, for electrical and communication lines and cathodic protection lines on the SoCalGas line at the MSA yard, and for the installation of the cable pads and electrical lines on Parcel 2 for the BESS. The MCR is prepared in accordance with the current (November 2018) Cultural Resources Mitigation and Monitoring Plan (CRMMP) and as required by California Energy Commission license Condition of Certification CUL-6.

Personnel Active in Monitoring This Period

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

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

TABLE 1
Number of CRMs and NAMs Present, by Date

Date	CRMs	NAMs
05/01/2020	1	1
05/05/2020	1	1



TABLE 1
Number of CRMs and NAMs Present, by Date

Date	CRMs	NAMs
05/11/2020	1	1
05/12/2020	2	1
05/13/2020	2	1
05/14/2020	2	1
05/15/2020	2	1
05/18/2020	1	1
05/26/2020	1	1
05/27/2020	1	1
Total CRM/NAM-Days	14	10

#### Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Friday, May 1, 2020. Activities monitored on the SERC plant included trench excavations for the electrical lines and small excavations for cable pads associated with the BESS on Parcel 2. Augering and excavations for fence realignment along the southern boundary also occurred this month. The fence required realignment at the storm drain and at the western end of Parcel 2. Small excavations also occurred for post holes for the front gate on Dale Avenue on Parcel 1. Excavations for the cable pads only reached into recompacted fill and were no longer monitored after the first excavation was completed. Excavations for the electrical line reached up to 3 feet below current surface. Augering and excavations for the fence work extended to 42 inches below the current surface. The post holes for the front gate extended to 3 feet below the surface.

Activities monitored for the SoCalGas pipeline included trench excavations and pot holing for the electrical and communication lines, as well as trenching for the cathodic protection lines. All work occurred at the MSA Yard. Depths extended up to 10 feet below the current street surface for the electrical and communication lines and up to 3 feet below the current surface for the cathodic protection lines.

Native sediments were observed in all excavations, except the cable pads, in May. Native sediments observed on Parcel 2 began approximately 2 feet to 3 feet below the current surface and consisted of light brown moderately compacted and mediumgrained sand. Observed native sediments in the MSA Yard were found at approximately 2 ½ feet below current surface and consisted of medium compacted reddish-brown sand.

Cultural Resources Discoveries This Period

No cultural resources were discovered during the month of May.

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	Owner must appoint a designated Cultural Resources Specialist (CRS) and Alternate CRSs. CRS will manage monitoring and reporting and make recommendations regarding eligibility of finds for California Register of Historical Resources     CRS may obtain services of Cultural Resources Monitors (CRMs) and Native American Monitors (NAMs)     CRS may obtain services of additional technical specialists as needed.	Owner has appointed CRS and Alternate CRS. CRS is directing monitoring.     CRS has obtained services of CRMs and NAMs     No additional technical specialists have been required
CUL-2: Information to be Provided to CRS	<ul> <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>	In compliance  Owner has provided CRS with project information and maps  Owner provides three-week lookahead schedule weekly  There have been no changes to the construction phases.
CUL-3: Cultural Resources Mitigation and Monitoring Plan (CRMMP)	The CRS must prepare a CRMMP, including a research design, implementation schedule, identification of cultural resources personnel, plan for Native American participation, description of impact avoidance measures, plan for curation, and LORS compliance plan for human remains.	In compliance     The CRMMP has been prepared and approved by the CPM
CUL-4: Final Cultural Resources Report	The CRS must prepare a final Cultural Resources Report after construction is complete summarizing all field activities and including copies of all DPR forms and cultural resources reports associated with project construction.	Not applicable – construction is not completed.
CUL-5: Cultural Resources Worker Environmental Awareness Program (WEAP)	The CRS must prepare a WEAP training module and brochure describing the potential for cultural resources discovery, procedures to follow in case of emergency discovery, and penalties for noncompliance.  All workers must receive the training during their first week on on-site employment and must sign a sheet documenting that they have received the training	In compliance  All workers on site have viewed the video/PowerPoint training and signed the documentation sheet (found in the Biological Resources Compliance report).
CUL-6: Cultural Resources Monitoring	<ul> <li>The CRS, Alt CRS, or CRMs must be onsite to monitor ground disturbance in native (non-fill) soils.</li> <li>The CRS must obtain the services of a NAM to monitor ground disturbance in non-fill sediments.</li> <li>CRMs and NAMs must prepare a daily field report, to be submitted daily by the CRS.</li> </ul>	In compliance  The CRS or CRM has monitored ground disturbance.  A NAM monitored ground disturbance  The CRS has submitted the daily

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TABLE 2
Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
	The CRS must prepare a Monthly Compliance Report summarizing activities of CRS, CRMs, and NAMs.  The CRS must report incidents of non-compliance with LORS	<ul> <li>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> <li>The CRS has authority to halt construction in the event of a cultural resource find</li> <li>The CRS or CRM must record the find on Form DPR-523 and notify the CPM</li> <li>If human remains are found, the CRS must notify the Native American Heritage Commission.</li> <li>If the find would be of interest to Native Americans, the CRS must notify Native American groups that have expressed an interest in notification.</li> </ul>	<ul> <li>In compliance</li> <li>No cultural resources 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.	No new sources of non-commercial fill or disposal were identified for use this month.

## WEAP Training This Period

All on-site staff received cultural resources Worker Environmental Awareness Program (WEAP) training prior to starting work on site this month. From May 1 to 31, 2020, a total of 86 persons completed the SERC WEAP training. The hard copy training logs for the May 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 June 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 May 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 May 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 May focused on adjustments to the fence alignment along the south end of the Project. In addition, excavations took place for post holes for the front gate on Dale Avenue, for electrical and communication lines and cathodic protection lines on the SoCal Gas line at the MSA yard, and for the installation of the cable pads and electrical lines on Parcel 2 for the BESS. All excavations were less than 10 feet in depth. As per the Paleontological Resources Monitoring and Mitigation Plan (PRMMP), the stratigraphy of the upper 10 feet consists of disturbed/artificial fill and/or younger Quaternary alluvium (found below the disturbed/artificial fill), both of which have low paleontological sensitivity. Due to the nature of the soils, no paleontological monitoring was required.

Paleontological Resources Discoveries This Period

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

Anticipated Work and/or Changes in the Next Period

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

Comments, Issues or Concerns

None to report.

Attachment 8 – ELEC-1

Delegate Chief Building Official Program
PROJECT: STANTON ENERGY RELIABILITY CENTER

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



### MEMORANDUM - DCBO APPROVAL

DATE: March 17, 2020

TO: Engineering Manager

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Vallow, P.E., Senior Electrical Engineer

NV5, Inc.

Alan.Vallow@NV5.com

209.329.0765

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_ELEC-1-23.0\_BESS SWGR AC/DC SCHEMATICS\_200303\_PCF

#### **MEMORANDUM:**

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

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

SERC\_16-AFC-01

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

Digitally signed by Alan Vallow, PE

Reason: Reviewed for

Code Compliance

Date: 2020.03.17 09:28:30 -07'00'

Delegate Chief Building Official Program STANTON ENERGY RELIABILITY CENTER PROJECT:

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



### MEMORANDUM - DCBO APPROVAL

DATE: March 17, 2020

TO: **Engineering Manager** 

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Vallow, P.E., Senior Electrical Engineer

NV5, Inc.

Alan.Vallow@NV5.com

209.329.0765

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_ELEC-1-27.0\_BESS AG RACEWAY PLANS\_200303\_PCF

#### **MEMORANDUM:**

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

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

SERC\_16-AFC-01 --- REVIEWED ---This review is intended only to verify conformity to the 2016 edition of the California Building Standards. It does not relieve Contractor and Applicant of responsibility for requirements of Project drawings and specifications. No responsibility is assumed for fabrication or construction techniques, correctness of quantities or dimensions, or coordination of work with other trades. Omissions & Errors on documents shall

not be valid and all codes and Laws must be complied with.

Digitally signed by Alan Vallow, PE Reason: Reviewed for Code Compliance

Date: 2020.03.17

09:07:02 -07'00'

Delegate Chief Building Official Program
PROJECT: STANTON ENERGY RELIABILITY CENTER

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



## MEMORANDUM - DCBO APPROVAL

DATE: May 1, 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-1-34.0\_Arc Flash Report\_200417\_PCF

#### **MEMORANDUM:**

This memorandum is to inform you that NV5, the Delegate CBO for the STANTON ENERGY RELIABILITY CENTER (16-AFC-O1), 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.

Delegate Chief Building Official Program
PROJECT: STANTON ENERGY RELIABILITY CENTER

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



### MEMORANDUM - DCBO APPROVAL

DATE: May 11, 2020

TO: Engineering Manager

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Vallow, P.E., Senior Electrical Engineer

NV5, Inc.

Alan.Vallow@NV5.com

209.329.0765

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_ELEC-1-31.0\_RELAY PANEL WIRING DIAGRAMS\_200424\_PCF

#### **MEMORANDUM:**

This memorandum is to inform you that NV5, the Delegate CBO for the STANTON ENERGY RELIABILITY CENTER (16-AFC-O1), has reviewed the subject submittal, and deemed it compliant with the 2016 California Building Standards Code (CBSC) and applicable Laws, Ordinances, Regulations and Standards (LORS).

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

Digitally signed by Alan Vallow, PE Reason: Reviewed for Code

Compliance

Date: 2020.05.11 07:50:43 -07'00' Delegate Chief Building Official Program STANTON ENERGY RELIABILITY CENTER PROJECT:

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



### MEMORANDUM - DCBO APPROVAL

DATE: May 6, 2020

TO: **Engineering Manager** 

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Vallow, P.E., Senior Electrical Engineer

NV5. Inc.

Alan.Vallow@NV5.com

209.329.0765

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_ELEC-1-24.0\_X1\_EXP\_BESS UG RCWY PLANS\_200504\_PCF

#### **MEMORANDUM:**

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

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

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 dawings and speciations. No responsibility is assumed for fabrication or construction techniques, correctness of quantities or dimensions, or coordination of work with other trides. Omissions & Etrores on documents shall not be valid and all codes and Laws must be complied with.

Digitally signed by Alan Vallow, PE Reason: Reviewed

Compliance

Date: 2020.05.06 11:08:26 -07'00'

Delegate Chief Building Official Program
PROJECT: STANTON ENERGY RELIABILITY CENTER

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



## MEMORANDUM - DCBO APPROVAL

DATE: May 22, 2020

TO: Engineering Manager

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Vallow, P.E., Senior Electrical Engineer

NV5, Inc.

Alan.Vallow@NV5.com

209.329.0765

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC 16-AFC-01 ELEC-1-35.0 X1 BESS AREA 1LINE EQUIP PLN & DGRMS 200508 PCF

#### **MEMORANDUM:**

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

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

SERC\_16-AFC-01
--- REVIEWED ---

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

Digitally signed by Alan Vallow, PE Reason: Reviewed

for Code

Compliance

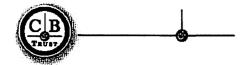
Date: 2020.05.22

09:26:36 -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

ne Accounts

Payments

Transfers

Check Services

Tools

Timeout: 0:14:56

### View US Wire

Use this page to view a US Wire

<u>Help</u>

View Payment History

#### **Payment Information**

Status

Confirmed

**Confirmation Number** 

IMAD:0522L4B74B1C000392

**Payment Number** 

52177847

**Debit Account** 

SERC OP - \*\*\*\*\*6538

Debit Amount

160,087.11 USD

Value Date

05/22/2020 05/22/2020

Send Date Frequency

One-Time Only

Reference for Recipient

SERC

**Details of Payment** 

Stanton Energy Reliability Center

Invoice 159632

**Ordering Customer** 

#### **Recipient Information**

Recipient

NV5 Inc.
Account Number

200 S Park Road STE 350 Hollywood, FL 33021-8798

Recipient Bank

BANK OF AMERICA, N.A., NY

ABA (Wire) 026009593

**NEW YORK NY UNITED STATES** 

**Options** 

Intermediary Bank

Receiving Bank

**Bank to Bank Information** 

Cancel

Attachment 11 – GEN-6 Special Inspectors

<a href="#"><Attachment 11 has been deliberately left blank in this reporting period></a>

Attachment 12 – Gen-7 Discrepancy

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

Attachment 13 – GEN-8 Final Inspections

## CEC - Delegate Chief Building Official Program PROJECT: STANTON ENERGY RELIABILTY CENTER 16-AFC-01 PROJECT NUMBER: 550818-0000020.00



## **INSPECTION RESULT**

INSPECTION MADE: Inspected the Transformer foundation / Mezzanine foundation			
DATE / TIME: 20/05/06 INSPECTOR: V.C		<sub>or:</sub> V.Gruber	
<b>APPROVED</b>			□AT RISK
☐ DISAPPROVED		□PHASE PASS	
	ION REQUIF	RED	
	W. M. W.		
SIGNATURE:	— REVIEW —  The copie is installed only to cold conduction to the 2000, otherwise is followed being installed to the 2000, otherwise is followed being installed to the 2000 content of the 2000 conduction in	Digitally signed by VIctor Gruber Date: 2020.05.06	DATE:

#### **COMMENTS:**

Walked rebar with RMA/TTSC/Wellhead. Reviewed anchor bolts, reviewed rebar spacing and clearances. Reviewed bonding. The T&B mat consisted of #10 at 12" E/W. The type of rebar was 706 60 Grade. All exothermic welds appeared to be well placed. The contractor submitted RFI to add a number 4 grounding grid connection inside of the foundation. RFI number 10 TTSC was reviewed and approved. No concerns at this time will review mud tomorrow morning to ensure all debris have been removed. Approved.

OFFICES NATIONWIDE

## CEC - Delegate Chief Building Official Program PROJECT: STANTON ENERGY RELIABILTY CENTER 16-AFC-01 PROJECT NUMBER: 550818-0000020.00



## **INSPECTION RESULT**

INSPECTION MA	ADE:		
DATE / TIME: 4/23/2020 INSPECT		<sub>or:</sub> Sean Bristol	
<b>XAPPROVED</b>			□AT RISK
☐ DISAPPROV	FD		□AT KISK  □PHASE PASS
☐ REINSPECT		DED	HI HAGE I AGG
L KLINGF LOTI	ON INEQUIT	(LD	
SIGNATURE:	SURC_SEATOR  — REVISED—  Diversing a manifest before the first season of a first sea	Digitally signed by Sean Bristol Date: 2020.04.30 09:05:04 -07'00'	<b>DATE:</b> 4/23/2020

#### **COMMENTS:**

Construction conforms to plan-set pour completed on 20200425

## CEC - Delegate Chief Building Official Program PROJECT: STANTON ENERGY RELIABILTY CENTER 16-AFC-01 PROJECT NUMBER: 550818-0000020.00



## **INSPECTION RESULT**

INSPECTION MADE:				
DATE / TIME:	04/25/2020	INSPECTOR: _	Sean Bristol	
		□P	□AT RISK □PHASE PASS	
	TION REQUIRED	)		
SIGNATURE	Bris	tally signed by Sean tol e: 2020.04.30 16:08 -07'00'	<b>DATE:</b> 4/30/2020	

#### **COMMENTS:**

Construction conformed to plan set no issues. Pass 20200430

Attachment 14 – SOIL&WATER-4 Water Use

## MONTHLY WATER USAGE LOG

Date	Meter # 19333855 8320 Pacific St. Stanton, CA 90680 Meter Read Cuft		Hydrant Meter on Pacific 8320 Pacific St. Stanton, CA90680 Meter Read CuFt
4/30/2020		200.0	
5/1/2020		390.9	
5/2/2020		0	
5/3/2020		227.9	
5/4/2020		206.7	2692.0
5/5/2020		0	3683.9
5/6/2020		0	3685.9 2
5/7/2020		0	3691.5 5.6
5/8/2020		0	3691.5 0
5/9/2020		0	3691.5 0
5/10/2020		0	3691.5 0
5/11/2020		0	3699 7.5
5/12/2020		0	3703.9 4.9
5/13/2020		0	3706.8 2.9
5/14/2020		0	3709.3 2.5
5/15/2020		0	3712.9 3.6
5/16/2020		0	3716.2 3.3
5/17/2020		0	3716.2 0
5/18/2020		0	3720.8 4.6
5/19/2020		0	3725.4 4.6
5/20/2020		0	3729.3 3.9
5/21/2020		0	3733.9 4.6
5/22/2020		0	3735.4 1.5
5/23/2020		0	3735.4 0
5/24/2020		0	3735.4 0
5/25/2020		0	3735.4 0
5/26/2020	3832.1	0	3737.8 2.4
5/27/2020	3832.1	0	3737.8 0
5/28/2020	3832.1	0	3737.8 0
5/29/2020	3832.1	0	3737.8 0
5/30/2020	3832.1	0	3737.8 0
5/31/2020	3832.1	0	3737.8 0
6/1/2020	3832.1		
Sub Total		826 CuFt	54 CuFt
Total		879 CuFt	

Attachment 15 – SOIL&WATER-8 Encroachment Permit

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

Attachment 16 – STRUC-1 CBO Approvals

Delegate Chief Building Official Program
PROJECT: STANTON ENERGY RELIABILITY CENTER

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



## MEMORANDUM - DCBO APPROVAL

**DATE:** April 21, 2020

TO: Engineering Manager

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Ho, S.E., Senior Structural Engineer

NV5, Inc.

Alan.Ho@nv5.com 916.346.8866

**CC:** Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_STRUC-1-48.0\_EXP\_X1\_BESS FDN PLANS &

CALCS 200416 PCF

#### **MEMORANDUM:**

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

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

SERC\_16-AFC-01

--- REVIEWED ---

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

Digitally signed by Alan Ho

Reason: Reviewed for Code Compliance for foundation only.

Date: 2020.04.22

08:34:19 -07'00'

**Delegate Chief Building Official Program** STANTON ENERGY RELIABILITY CENTER PROJECT:

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



### MEMORANDUM - DCBO APPROVAL

DATE: May 6, 2020

TO: **Engineering Manager** 

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Ho, S.E., Senior Structural Engineer

NV5. Inc.

Alan.Ho@nv5.com 916.346.8866

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_STRUC-1-46.0\_BESS MEZZ STRUC\_200427\_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: 2020.05.06 09:26:27

-07'00'

**Delegate Chief Building Official Program** STANTON ENERGY RELIABILITY CENTER PROJECT:

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



### MEMORANDUM - DCBO APPROVAL

DATE: May 17, 2020

TO: **Engineering Manager** 

Stanton Energy Reliability Center, LLC/W Power, LLC

FROM: Alan Ho, S.E., Senior Structural Engineer

NV5. Inc.

Alan.Ho@nv5.com 916.346.8866

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_STRUC-1-SI-053-Add Handrail Repair\_200507\_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: 2020.05.17

19:10:44 -07'00'

Attachment 17 – TRANS-1 Permits

Attachment 17 has been deliberately left blank in this reporting period

Attachment 18 – Safety Inspection Report



## SERC – PSC MONTHLY SAFETY INSPECTION COMPLIANCE REPORT MAY 2020

The following information for the SERC Project safety inspection and compliance to the site as required by CEC, CBO and Wellhead in the month of May 2020.

We have been in compliance with all safety policies and procedures on the SERC project. Personnel have been participating in our Personal Safety Commitment observation program and stop work responsibility has been a big focus to our constantly changing safety culture. We have a skeleton crew of ARB Personnel.

Laborers, Millwrights & Electricians were on site for touch up on fencing, Electrical Operation support and cleaning of the laydown yard.

No All Hands Safety Meetings were conducted due to the COVID-19 procedures in place. Crews did however conduct STAR Card/ JSA meeting with only one person handling the documents and Safety topics were discussed then. This Month of May 2020 was pretty uneventful and safe. Continued focus on PPE, Spotters, Power lines, LIVE Units and Heat Stress Illnesses were maintained.

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

Tim Draper,
ARB, Inc. Safety Manager,
SERC Project Safety
tdraper@prim.com
(949) 678-1643



### MAY 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.

Major site activities for the month of May included:

- Forming
- Concrete Pouring
- Crane and Rigging for the setting of equipment
- Steel erection
- 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 Scaffold Safety in Construction, Working Around Heavy Equipment, Accidents Are Avoidable. Perform Scaffolding Safety Awareness orientations
- Lifting, pulling and power tool use.

For the month of May we note the following:

- No First Aids
- No Near Misses
- No Recordable or Lost Time injuries

Jorge Garcia jgarcia@SMARTSafetyGroup.com 432-661-3684

Attachment 19 – CIVIL-3 Non-Compliance Reports

<Attachment 19 has been deliberately left blank in this reporting period>

Attachment 20 - COM-6 Filings & Permits to/by Government Agencies

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

Attachment 22 – MECH-1 CBO Inspection Approvals

<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