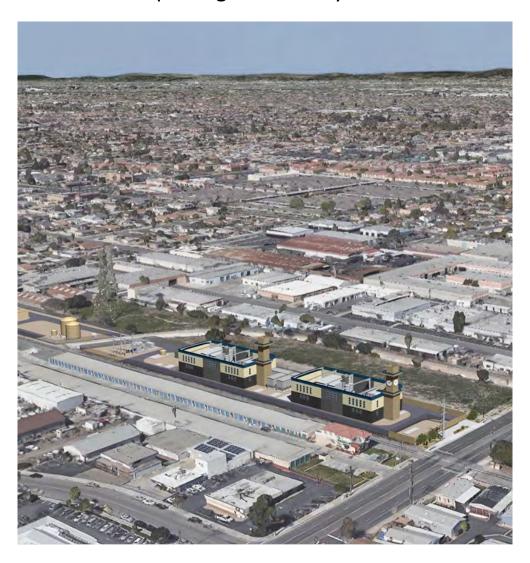
DOCKETED								
Docket Number:	16-AFC-01C							
Project Title:	Stanton Energy Reliability Center - Compliance							
TN #:	234328							
Document Title:	Stanton Energy Reliability Center - Compliance Monthly Compliance Report No 18							
Description:	Stanton Energy Reliability Center July 2020 Monthly Compliance Report							
Filer:	John Heiser							
Organization:	California Energy Commission							
Submitter Role:	Commission Staff							
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Stanton Energy Reliability Center

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



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

Table of Contents

Key	/ Events List	3
1.	Summary	3
:	1.1 Engineering	4
	1.2 Procurement	5
:	1.3 Construction	5
:	1.4 Explanation of Significant Changes to the Schedule	6
2.	Documents Required by Specific Conditions for MCR	6
3.	Compliance Matrix	6
4.	Conditions Satisfied During Reporting Period	6
5.	Missed Deadlines	10
6.	Approved Changes to Conditions of Certification (COC)	10
7.	Governmental Agencies Submittals / Permits	10
8.	Compliance Activity Two Month Schedule	10
9.	On-Site Compliance File	10
10.	Incidents, Complaints, Notices of Violation, Official Warnings and Citations	11
Att	achment 1 – COM-6 Project Schedule	12
Att	achment 2 – COM-5 Compliance Matrix	47
Att	achment 3 – Air Quality	105
Att	achment 4 –Biological Resources	170
Att	achment 5 – CIVIL	319
Att	achment 6 – Cultural Resources	321
Att	achment 7 - Paleontology	326
Att	achment 8 – ELEC-1	328
Att	achment 9 – GEN-2 Master Drawing List	340
Att	achment 10 – GEN-3 CBO Payment	342
Att	achment 11 – GEN-6 Special Inspectors	344
Att	achment 12 – Gen-7 Discrepancy	346
Att	achment 13 – GEN-8 Final Inspections	348
Att	achment 14 – SOIL&WATER-4 Water Use	360
Att	achment 15 – SOIL&WATER-8 Encroachment Permit	362
Att	achment 16 – STRUC-1 CBO Approvals	364
Att	achment 17 – TRANS-1 Permits	366
Att	achment 18 – Safety Inspection Report	368
Att	achment 19 – CIVIL-3 Non-Compliance Reports	370
	achment 20 - COM-6 Filings & Permits to/by Government Agencies	
Att	achment 21 - COM-11 Reporting of Complaints, Notices, and Citations	377
	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 Aug 31, 2020;
	LM6000 July 1, 2020
Complete All Construction	May 28, 2020
TRANSMISSION LINE ACTIVITIES	
Start Transmission Line Construction	October 1, 2019
Complete Transmission Line Construction	February 26, 2020
Synchronization with Grid and Interconnection	April 25, 2020
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	August 19, 2019
Complete Gas Pipeline Construction	May 29 2020
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	March 17, 2020
Complete Water Supply Line Construction	July 2020

1. Summary

On November 7, 2018, the California Energy Commission (CEC) issued its Commission Decision (Docket No. 16-AFC-01) approving construction and operation of the Stanton Energy Reliability Center (SERC) Project. The CEC Compliance Project Manager (CPM) issued a Limited Notice to Proceed (LNTP) on January 31, 2019, allowing the start of construction activities at the power plant site. The Full Notice to Proceed (FNTP) was issued by the CEC on February 12, 2019.

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

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

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

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

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

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

A preliminary project summary schedule is included in Attachment 1.

Note: Due to the dynamic nature of a large-scale construction project, key event dates are subject to change.

The following table represents the percent complete numbers for the engineering, procurement, and construction activities as of the end of July 2020.

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

1.1 Engineering

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

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

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

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

1.2 Procurement

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

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

1.3 Construction

ARB

ARB performed no services during the month of August.

TTSC

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

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

Safety:

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

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

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

Civil:

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

Structural:

Completed sheeting on mezzanine

Electrical:

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

1.4 Explanation of Significant Changes to the Schedule

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

2. Documents Required by Specific Conditions for MCR

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

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

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

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

3. Compliance Matrix

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

4. Conditions Satisfied During Reporting Period

The Commission Decision sets forth specific conditions, many of which include reporting requirements that must be addressed in an MCR. This section of the MCR describes activities that

ensure compliance is achieved with all conditions of verification in the Commission Decision for the SERC Project. The report format is designed to be comprehensive and inclusive of all Conditions of Certification that require monthly reporting.

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

AQ-SC3: 1) A summary of all actions taken to maintain compliance with this condition 2) Copies of any complaints filed with the South Coast Air Quality Management District (SCAQMD) in relation to project construction; and 3) other documentation deemed necessary to verify compliance with this condition are included in the AQCMM's monthly report in Attachment 3.

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

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

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

BIO-5: During the reporting period 48 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,149. Documentation of worker training records for the reporting period is included in Appendix E of Attachment 4.

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

BIO-8: The Designated Biologist and Biological Monitors have provided documentation on 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 June 9, 2020. Documentation of the payment, including a receipt from the CEC was forwarded to the CPM.

COM-11: There were no complaints, notices, warnings, citations, or fines during this reporting period. The Complaint Log can be found in Attachment 21 of this MCR.

COM-13: No Incident Reporting requirements occurred during this reporting period.

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

CUL-3: The CRMMP is being fully implemented. Specific details can be found in the daily cultural resource reports being submitted to the CPM and in the monthly Cultural Resources Report included as Attachment 6 of this MCR.

CUL-5: During the reporting period 48 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,149 Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

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

CUL-7: There were no cultural resource discoveries made during the reporting period. The Cultural Resources Specialist's monthly summary report is included as Attachment 6.

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

All major electrical equipment has been received.

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

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

GEN-6: There were no additional special inspectors approved during the reporting period as indicated in Attachment 11.

- **GEN-7:** There were no Design Discrepancy Corrections during the reporting period as indicated in Attachment 12.
- **GEN-8:** There one (1) final inspection during this reporting period as described in GEN-8 Attachment 13.
- **MECH-1:** There were no completion of inspections received 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 48 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,149. Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.
- **PAL-6:** A summary of the Paleontological Resource Specialist's activities during the reporting period including daily monitoring logs is included in the Monthly Paleontology Report included as Attachment 7.
- **SOIL&WATER-4:** The monthly water use for SERC during the reporting period was 175 CF. Daily water usage is provided within Attachment 14.
- **STRUC-1:** Documentation of DCBO approval of structural plans, specifications, and calculations during the reporting period is included in Attachment 16.
- **STRUC-3:** There were no design changes to the final plans required by the 2016 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes during this reporting period.
- **TRANS-1:** There were no deliveries requiring permits during the reporting period for vehicle sizes, weights, driver licensing and truck routes as identified in Attachment 17.
- **TRANS-4:** During the reporting period the project owner's general contractors applied for and received an encroachment permit to install the permanent driveway at Dale Ave.
- **TRANS-5:** There has been no changes with the project contracted, licensed hazardous materials delivery and a licensed waste hauler companies for the transportation of hazardous materials and wastes during this reporting period as identified in Attachment 23.

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

TSE-2: During this reporting period, no major electrical equipment was received.

• All major electrical equipment has been received.

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

WASTE-4: During this reporting period five (5) forty-yard bins of construction waste, no (0) tenyard bin of construction waste, no (0) forty-yard waste metal bin and no (0) eco pans of solid waste left the site.

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

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

WORKER SAFETY-3: The CSS's Monthly Compliance Report(s) includes documentation of 1) employees trained, 2) safety management actions safety-related incidents, 3) unresolved situation and incidents that may pose a danger to life and health, 4) reports of any visits from Cal/OSHA and/or any complaints from workers to Cal/OSHA and 5) reports of accidents, injuries, and near misses during the reporting period is included in this MCR as Attachment 18.

5. Missed Deadlines

There were no missed deadlines during this reporting period.

6. Approved Changes to Conditions of Certification (COC)

No changes to the COC occurred during this reporting period.

7. Governmental Agencies Submittals / Permits

The Permits by Government Agencies as required in COM-6 are included in Attachment 20.

8. Compliance Activity Two Month Schedule

- Adhere to Conditions of Certification, defined herein, that require monthly activities and/or per event submittals.
- COM-5 and 6 Submit MCR and compliance matrix to the CEC.

9. On-Site Compliance File

SERC, LLC is maintaining electronic copies of all project files and submittals in accordance with COC COM-2 and the clarifications received from the CPM on March 21, 2019 regarding electronic record retention. At least one hard copy of the following will be kept onsite:

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

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

There were no incidents, notices of violation, official warnings or citations received during the month of July 2020.

Attachment 1 – COM-6 Project Schedule

	ct Master Schedule (w/ARB Jun Sched) CEC/SCE		WBS Sun							10-Aug-20 17
ity ID	Activity Name	OD % Comp Start	Finish	TF Fin.	Jul	Aug	2020 Sep	Oct	Nov	Dec
SERC Baselin	e Project Master Schedule (w/ARB Jun Sched) & CEC/S	927 70.99% 28-Feb-16 A	02-Dec-21	0 0	Jui	Aug	Зер	OCC	1404	Dec
	Key Milestone	0 0% 01-Jul-20 A	01-Jul-20 A	0						
2	Expected Initial Delivery Date	0 100%	01-Jul-20 A	0			1	1		
Storage RAPA	Key Milestone	0 0% 01-Jun-20 A		0						
4	Expected Initial Delivery Date	0 100%	01-Jun-20 A	0						1 1
GIA Key Miles		66 100% 28-Feb-20 A	25-Jun-20 A	0						
6	In-Service Date (Initial Backfeed - Liquidated Damages From S	0 100%	28-Feb-20 A	0)
7	Initial Synchronization Date/Trial Operation (No Later Than)	0 100%	03-Mar-20 A	0						1
8	Commercial Operation Date (No Later Than)	0 100%	25-Jun-20 A	0						
Pre-construct		701 100% 26-Oct-16 A	16-Nov-19 A	0			1			
CEC Permitting	· · · · · · · · · · · · · · · · · · ·	434 100% 26-Oct-16 A		0						
11	Application for Certification	782 100% 26-Oct-16 A	17-Dec-18 A	0			1	1		
12	Presiding Members Proposed Decision (PMPD) issued	1 100% 08-Oct-18 A	08-Oct-18 A	0						
14	Post-Approval 30-day appeal period	30 100% 13-Nov-18 A	13-Dec-18 A	0						
13	Full Commission Decision for Approval	0 100% 13-Nov-18 A		0						!
15	CEC Decision Final (non-appealable)	0 100%	13-Dec-18 A	0						1
Pre-Construction	Compliance (CEC)	47 100% 13-Nov-18 A	12-Feb-19 A	0						
19	Compliance submittals necessary to get a Full Notice to Proce	83 100% 13-Nov-18 A	12-Feb-19 A	0						1
17	Compliance submittals necessary to get a Limited Notice to Pr	69 100% 13-Nov-18 A	31-Jan-19 A	0						i ! !
18	Limited Notice to Proceed (LNTP)	0 100%	31-Jan-19 A	0						
20	Full Notice to Proceed (FNTP)	0 100% 12-Feb-19 A		0						
SCAQMD Air Per	mit	0 0% 15-Nov-18 A	15-Nov-18 A	0						
22	SCAQMD Authority To Construct (ATC) issued	0 100% 15-Nov-18 A		0						
Engineering		575 100% 29-Oct-18 A	29-Aug-19 A	0			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	
27	Vehicle Bridge Engineering	45 100% 29-Oct-18 A	18-Jan-19 A	0						
25	Further Develop Engineering to Signed and Stamped Plan Set	575 100% 31-Oct-18 A	17-Dec-18 A	0						
24	"Issued For Bid" Engineering Package for Contractor Pricing re	174 100% 31-Oct-18 A	31-Oct-18 A	0						
29	Assemble Engineering into CBO submittal packages	148 100% 11-Dec-18 A	29-Aug-19 A	0						
26	Receive Signed and Stamped Plan Set	1 100% 17-Dec-18 A	17-Dec-18 A	0						1
28	BESS & EGT Integration Engineering	105 100% 02-Jan-19 A	22-Feb-19 A	0						
Real Properties of	or Land Control	394 100% 06-Aug-18 A	25-Feb-19 A	0			 			
31	Valov Lease Agreement Executed	0 100%	06-Aug-18 A	0						
35	Orange County Public Works (OCPW) Encroachment Agreeme	4 100% 03-Dec-18 A	01-Feb-19 A	0						i 1 1
34	Sewer Service Connection Permit	16 100% 31-Dec-18 A	28-Jan-19 A	0						
33	Water Service Connection Permit	16 100% 31-Dec-18 A	28-Jan-19 A	0	1					; ! !
32	SCE Easement Consent	81 100% 31-Dec-18 A	25-Feb-19 A	0						
Owner Supplied	Equipment (OSE) Procurement Schedule	356 100% 08-Feb-18 A	16-Nov-19 A	0						
LM6000 Package	es es	190 100% 22-Feb-18 A	01-Aug-19 A	0					1	1

ERC B	saseline Project Master	Schedule (w/ARB Jur	n Sched) CEC/SCE				S Summary 2021			10-Aug-20 17:47 2022					
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	Actual Level of Effort	Rem	aining Work • • I	Milestone								© Oracle	Corporation		

	ect Master Schedule (w/ARB Jun Sched) CEC/SCE Activity Name	OD % Comp Start	WBS Summ			2020					
y ID	Activity Name	OD % Comp Start	FINISH	TF Fin. Var.	Jul	Aug	Sep	Oct	Nov	Dec	
39	Engineering Received from Manufacturer	45 100% 22-Feb-18 A	11-May-18 A	0	Gui	, lug	300		1107	500	
38	Effective Date of Turbine Supply Contract	0 100%	22-Feb-18 A	0				1 		1	
40	Order of Long Lead Time Items	0 100% 23-May-18 A		0				 			
42	Manufacturer Time (FNTP-Delivery)	169 100% 23-Aug-18 A	21-May-19 A	0				 		1	
41	FNTP	0 100% 23-Aug-18 A	-	0							
43	Receipt of Notice of Ready to Ship (RTS)	0 100%	11-Apr-19 A	0				1 1 1		i I I	
A1000	Transportation From FCA Delivery Point To Site	40 100% 21-May-19 A		0				1 1 1			
44	Delivery Per FCA(Goods Actually Ready For Shipment)	0 100%	21-May-19 A	0							
Emissions Reduc		356 100% 08-Feb-18 A		0				 		 	
47	Effective Date of the ERU Supply Contract	0 100%	08-Feb-18 A	0				 			
57	Selection of Nox & CO Catalyst	0 100%	01-Jun-18 A	0			1 1 1	1 1 1 1		! ! !	
62	Engineering Received from Manufacturer	0 100%	05-Jul-18 A	0				 			
56	Engineering Received from Manufacturer	0 100%	13-Jul-18 A	0						 	
61	Approval of Engineering	0 100%	19-Jul-18 A	0				1 1 1		1	
55	Approval of Engineering	0 100%	27-Jul-18 A	0				 		! ! !	
54	Release for Fabrication of Nox & CO Catalyst	0 100%	13-Aug-18 A	0			1 1 1	 		 	
53	Delivery of instalation proceedures	0 100%	24-Aug-18 A	0				1 1 1			
60	Engineering Received from Manufacturer	0 100%	30-Aug-18 A	0				i 		-	
52	Delivery of maintenance proceedures	0 100%	07-Sep-18 A	0				1 		1	
59	Approval of Engineering	0 100%	13-Sep-18 A	0				1 1 1		; ; ;	
A1010	Fabrication Drawings	4 100% 12-Oct-18 A	01-Feb-19 A	0				1 1 1		1	
58	FNTP	0 100% 12-Oct-18 A		0				 			
A1020	SERC Review Fabrication Drawings	4 100% 01-Feb-19 A	15-Feb-19 A	0			L			<u>L</u> 	
51	Manufacturer Time (FNTP-Delivery)	123 100% 15-Feb-19 A	18-Jun-19 A	0				1 		1	
A1030	Transportation Of ERU Materials	4 100% 01-Jul-19 A	16-Nov-19 A	0			1 1 1	1 1 1 1		1 1 1	
50	Delivery/Goods Received (Duct, Stack, Silencer)	59 100% 01-Jul-19 A	25-Oct-19 A	0				1 1 1		!	
49	NOx & CO Modules	0 100%	14-Oct-19 A	0						; ; ; ;	
Generator Step-L	Up Transformer (GSU)	194 100% 29-Jun-18 A	31-May-19 A	0							
65	Engineering Received from Manufacturer	56 100% 29-Jun-18 A	20-Sep-18 A	0				 		1	
64	LNTP/PO Date	0 100%	29-Jun-18 A	0			1 1 1	1 1 1 1		1 1 1	
67	Manufacturer Time (FNTP-Delivery)	162 100% 20-Sep-18 A	28-Feb-19 A	0				1 			
66	FNTP	0 100% 20-Sep-18 A		0				1 1 1		i I I	
69	Delivery/Goods Received At Site	0 100%	31-May-19 A	0							
Vehicle Bridge		47 100% 01-Nov-18 A		0							
71	LNTP/PO Date	0 100% 01-Nov-18 A		0			 	 		1 1 1	
72	Engineering Received from Manufacturer	32 100% 02-Nov-18 A	07-Jan-19 A	0				 			
73	FNTP	0 100%	07-Jan-19 A	0			1 1 1	1 1 1			
74	Manufacturer Time (FNTP-Delivery)	24 100% 08-Jan-19 A	28-Feb-19 A	0							
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Actual Level of Effort Remaining Work ♦ Milestone

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ity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin.				2020 Ig Sep						
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75	Delivery/Goods Received		100%		22-Mar-19 A		0			1		 					
Balance Of Plant O				01-Jul-18 A			0			1					1		
78	Place BOP OSE Purchase Orders			01-Jul-18 A	28-Dec-18 A		0										
79	Available for delivery to the Project Site	0	100%	01-Apr-19 A			0			i ! !					; ; ;		
Construction Con	ntracting	97	100%	03-Sep-18 A	24-Jan-19 A		0			1		 					
81	Receive Initial Bids from Construction Contractors	0	100%	03-Sep-18 A			0										
82	Review Initial Bids	30	100%	04-Sep-18 A	04-Oct-18 A		0										
83	Short list two construction contractors and negotiate draft cont	28	100%	04-Oct-18 A	26-Nov-18 A		0			1 1 1		 			 		
85	Contractor Pricing Refresh	18	100%	26-Nov-18 A	14-Dec-18 A		0			1							
84	Achieve Commercial Lockdown	0	100%		26-Nov-18 A		0			1							
87	Review Final Bids / Select Contractor	2	100%	14-Dec-18 A	20-Dec-18 A		0			1 1 1		 			i 1 1		
86	Final Bids Turned In	0	100%		14-Dec-18 A		0										
89	Make executed construction contract available in the SERC du	0	100%		21-Dec-18 A		0										
88	Execute Construction Contract	0	100%		21-Dec-18 A		0					 			; ; ;		
90	Provide Notice To Proceed to Contractor	0	100%		24-Jan-19 A		0							!	!		
Project Financ	ce Control of the Con	176	100%	16-Oct-18 A	24-Jan-19 A		0										
92	Provide Mandate to Helaba	0	100%	16-Oct-18 A			0			1 1 1		 			 		
94	Develop Loan Documentation	4	100%	16-Oct-18 A	17-Jan-19 A		0										
93	Perform Dilligence	1	100%	16-Oct-18 A	14-Jan-19 A		0					 					
95	Financial Close	0	100%	24-Jan-19 A			0								L		
CEC Complian	nce	592	54.58%	19-Dec-18 A	02-Dec-21	0	0										
CBO Activity		217	100%	19-Dec-18 A	31-May-20 A		0					 			i ! !		
99	CBO Kick off Meeting	0	100%		19-Dec-18 A		0										
98	CBO Contract Execution	0	100%	19-Dec-18 A			0					i ! !			i 1 1		
CBO performance	ofduties	217	100%	26-Dec-18 A	31-May-20 A		0							 			
101	Review and approve Pre-construction submittal	1	100%	26-Dec-18 A	27-Dec-18 A		0					!					
103	Perform Plan Check of Submittals	148	100%	27-Dec-18 A	04-Nov-19 A		0			i ! !		; ; ;			i ! !		
102	Inspector On Site	390	100%	04-Feb-19 A	31-May-20 A		0					 					
CEC Compliance	R1	693	43.66%	20-Jul-19 A	02-Dec-21	0	0										
Air Quality		477	42.4%	31-Oct-19 A	14-Jul-21	113	0					i					
AQ-1010	AQ-D1b - Initial Source Test	0	100%	31-Oct-19 A			0			1					1		
AQ-1015	AQ-D1b - Initial Source Test	0	100%	28-Mar-20 A			0					! ! !					
AQ-1020	AQ-D2 - Operations Source Test	0	100%	28-Jun-20 A			0					1 1 1			! ! !		
AQ-1170	AQ-K1 - Source Test Results	0		04-Aug-20		388	0		*			 					
AQ-1100	AQ-D5 - CEMS for NOx	0		04-Aug-20		388			***************************************								
AQ-1080	AQ-D4 - CEMS for CO	0		04-Aug-20		388			- <u>*</u>			; ! !			; ; ;		
AQ-1160	AQ-H1 - NOx CEMS Performance Evaluation	0		25-Nov-20		298			ľ			 			*		
AQ-1000	AQ-D1a - Initial Source Test	0		25-Nov-20		298						!			*		
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SERC	Baseline Project Master	Schedule (w/ARB Jui	n Sched) CEC/SCE				S Summary 2021			10-Aug-20 17:4 2022					
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	Master Schedule (w/ARB Jun Sched) CEC/SCE				Summary							10-Aug-20 17:
tivity ID	Activity Name	OD % Com	p Start	Finish	TF	Fin. Var.	h.d	A	202	ī	New	Dee
AQ-1050	AQ-D3 - NH3 Source Test	0 0%	6 14-Jul-21		113	0	Jul	Aug	Sep	Oct	Nov	Dec
Biological	Ag-bo - Mile Godice Test		% 31-Jul-19 A	05-Feb-21	240				 	· 		
BIO-1030	BIO-8a1 - Pre-Construction Nest Surveys and Impact Avoidance		6 31-Jul-19 A	00-100-21		0			1 1 1	 		
BIO-1050	BIO-8b - Preconstruction Nest Survey Letter Report		6 19-Aug-19 A									
BIO-1040	BIO-8a2 - Pre-Construction Nest Surveys and Impact Avoidance		6 19-Aug-19 A			0			; ; ;	i		1
BIO-1060	BIO-8c - Implementation of Nest Surveys and Inclusion in BRM		6 19-Aug-19 A 6 19-Sep-19 A			0			 			
BIO-1000	BIO-7b - General Impact Avoidance and Mitigation Measures		6 01-Aug-20		390							
BIO-1020	BIO-6e - BRMIMP Construction Closure Report		6 01-Aug-20 6 01-Aug-20		390							
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BIO-1000 Civil	BIO-5c - WEAP Training Acknowledgement Forms on File		6 05-Feb-21	40 May 200 A	240	0			1			1
	ONAL 4 - First Onstron Plan Assessed		6 16-May-20 A	-		0						
CIV-1010	CIVIL-4a - Final Grading Plan Approval		6 16-May-20 A			0			; ; 			
Communication			6 03-May-20 A			0			 			
COM-1020	COM-12b - Emergency Response Site Contingency Plan		6 03-May-20 A			0						1
Cultural			6 16-May-20 A		375	0						
CUL-1000	CUL-1j - Discharge the CRS, after receiving approval from the C		6 16-May-20 A			0		•	 			
CUL-1010	CUL-4b - Final Cultural Resources Report		6 20-Aug-20		375	0		\$	 	 		
General			% 18-Aug-20	08-Dec-20	287	3			1			
GEN-1030	GEN-8b - Plan and Specification Storage	0 0%	6 18-Aug-20		377	3		→ ♦				
GEN-1010	GEN-1b - Certificate of Occupancy	0 0%	6 09-Oct-20		335	0			1 1 1	*		
GEN-1000	GEN-1a - Certificate of Occupancy	0 0%	6 09-Oct-20		335	0			 	*		
GEN-1040	GEN-8c - Plan and Specification Archive Copies	0 0%	6 08-Dec-20		287	3			 			→ ♦
Hazardous		202 100%	6 20-Jul-19 A	09-Mar-20 A		0						
HAZ-1080	HAZ-8a - Operations Site Security Plan	0 100%	6 20-Jul-19 A			0			; ; ;			
HAZ-1000	HAZ-2a - Final HMBP and SPCC	0 100%	6 20-Jul-19 A			0			 			
HAZ-1060	HAZ-6a - HazMat Transport Route Restrictions	0 100%	6 28-Jul-19 A			0			1			
HAZ-1010	HAZ-2b - Final Risk Management Plan	0 100%	6 29-Jul-19 A			0						
HAZ-1070	HAZ-6b - Route Restrictions, New Vendor	0 100%	6 23-Aug-19 A			0			<u> </u>	·		
HAZ-1050	HAZ-5 - Transport Vehicle Specifications	0 100%	6 04-Nov-19 A			0			 			1
HAZ-1040	HAZ-4 - Ammonia Storage Tank Design	0 100%	6 04-Nov-19 A			0						
HAZ-1030	HAZ-3 - Aqueous Ammonia Safety Management Plan	0 100%	6 04-Nov-19 A			0			; ; ;			
HAZ-1020	HAZ-2c - Final Risk Management Plan	0 100%	6 04-Nov-19 A			0			 			
HAZ-1090	HAZ-9 - Fuel Gas Pipe Cleaning		6 09-Mar-20 A			0			 			
Mechanical				03-May-20 A		0						
MECH-1000	MECH-2a - Pressure Vessel Installation		6 24-Aug-19 A	-		0						
MECH-1020	MECH-3b - HVAC Plans		6 03-May-20 A			0						
MECH-1010	MECH-3a - HVAC Plans		6 03-May-20 A			0						
Noise			6 03-Jun-20 A			n						
NOI-1030	NOISE-5 - Occupational Noise Survey	0 100%	_	03-Jun-20 A		0						
1401-1000	110.0L-0 - Occupational Hoise ourvey	0 100 /	· •	03-3411-20 A					!	<u> </u>		

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	Master Schedule (w/ARB Jun Sched) CEC/SCE	L oplay on the contract of	WBS St	ummary	 						10-A	ug-20 17
vity ID	Activity Name	OD % Comp Start	Finish	TF	Fin. Var.	Jul	Aug	2020 Sep	Oct	Nov		Dec
NOI-1010	NOISE-4a - Operational Noise Survey	0 100% 03-Jun-20 A			0	Jui	Aug	Зер	001	1404		Dec
NOI-1020	NOISE-4b - Noise Survey Summary Report	0 100% 22-Jun-20 A			0				1			
Paleo	noise in troise surrey summing report	60 0% 20-Aug-20	03-Nov-20	315	0							
PAL-1000	PAL-7 - Paleontological Resources Report	0 0% 20-Aug-20		315			 *					
PAL-1010	PAL-8 - Curation Entity/Curation Fees	0 0% 03-Nov-20		315			•		1			
Structural	172 0 Galation Entry Galation 1 666	0 0% 05-Nov-19 A	05-Nov-19 A	0.0	0					~		
STR-1010	STRUC-4a - Tank and HazMat Vessel Design	0 100% 05-Nov-19 A	,		0				1			
Transmission		0 0% 28-Jan-20 A			0							
TLSN-1010	TLSN-2 - Metallic Objects Grounded	0 100% 28-Jan-20 A			0		 		<u>-</u>	 		
Transportation	12011 2 Inotalile Objecte Grounded	0 0% 05-Feb-21	05-Feb-21	240	0				1			
TNP-1000	TRANS-4b - Copies of Permits	0 0% 05-Feb-21		240								
Switchyard	THE RESIDENCE OF THE PROPERTY	491 100% 02-Mar-20 A	02-Dec-21	0	0				1			
TSE-1060	TSE-4b - Notice to CAISO	0 100% 02-Mar-20 A			0							
TSE-1050	TSE-4a - Notice to CAISO	0 100% 06-Mar-20 A			0		 		<u> </u>			
TSE-1090	TSE-5d - As-Built Drawings	0 100% 14-May-20 A			0				1			
TSE-1080	TSE-5c - As-Built Drawings	0 100% 14-May-20 A			0							
TSE-1070	TSE-5b - As-Built Drawings	0 100% 14-May-20 A			0				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
TSE-1020	TSE-2b - Final Switchyard Design	0 0% 02-Dec-21		0	0							
Visual	102 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	250 100% 03-Feb-20 A	05-Feb-21	240	0		 		i	 		
VIS-1010	VIS-2a - Screening Landscaping Plan	0 100% 03-Feb-20 A			0							
VIS-1020	VIS-2c - Landscape Installation Timing	0 100% 16-May-20 A			0							
VIS-1030	VIS-2d - Landscaping Ready for Inspection	0 100% 21-May-20 A			0				1			
VIS-1000	VIS-1c - Notification that Treatment Completed	0 100% 25-Jun-20 A			0							
VIS-1100	VIS-4h - Pre-COD Inspection	0 0% 05-Feb-21		240	0		 					
VIS-1080	VIS-4d - Lighting Inspection Ready, Notification	0 0% 05-Feb-21		240	0							
Waste		200 100% 31-May-20 A	05-Feb-21	240								
WASTE-1020	WASTE-1b - SMP Summary	0 100% 31-May-20 A			0							
WASTE-1050	WASTE-8a - Operation Waste Management Plan	0 0% 05-Feb-21		240	0							
Worker Safety		310 100% 28-Jul-19 A	18-Aug-20	377			 					
WRSF-1040	WORKER SAFETY-7c - Fire Protection System Specifications	0 100% 28-Jul-19 A			0							
WRSF-1020	WORKER SAFETY-7a - Fire Protection System Specifications	0 100% 28-Jul-19 A			0				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
WRSF-1010	WORKER SAFETY-2b - Operations H&S Program	0 100% 09-Mar-20 A			0							
WRSF-1000	WORKER SAFETY-2a - Operations H&S Program	0 100% 09-Mar-20 A			0							
WRSF-1060	WORKER SAFETY-8e.1 - Letter to OCFA	0 100% 16-May-20 A			0		 					
WRSF-1050	WORKER SAFETY-8e - Letter to OCFA	0 100% 16-May-20 A	_		0							
WRSF-1080	WORKER SAFETY-8f.1 - Final UL Certification of ESS	0 0% 18-Aug-20		377	1		-					
WRSF-1070	WORKER SAFETY-8f - Final UL Certification of ESS	0 0% 18-Aug-20		377	1		-					
	uction Schedule	367 100% 28-Feb-16 A	01-Sep-20	251	0							
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	aster Schedule (w/ARB Jun Sched) CEC/SCE	0010/000010/	WBS St	ımmary					0000			10-A	Aug-20 1
'ID	Activity Name	OD % Comp Start	Finish	15	Fin. Var.	Jul	Aug	Sep	2020	Oct	Nov		Dec
Stanton Energy Relia	ability Center - 03MAY20	367 100% 28-Feb-16	A 01-Sep-20	251	0	- Juli	, tag	Сор			1100		
Milestones		366 100% 09-Nov-18		251	0								
Contract Milestones		314 100% 09-Nov-18			0								
00-Milest-110	Contract Negotiations	34 100% 09-Nov-18			0								
00-Milest-120	Effective Date	1 100% 24-Dec-18	A 24-Dec-18 A		0						'		
00-Milest-130	Commencement Date & NTP = 04FEB19	0 100% 04-Feb-19	A		0					,=========		[
00-Milest-190	Scheduled Mechanical Completion Date = 01Mar20	0 100%	01-Mar-20 A		0								
00-Milest-200	Final Project Completion Date = 30MAY20	0 100%	30-May-20 A		0						'		
Project Milestones		334 100% 14-Jan-19		-53	3 0								
00-Milest-300	Kick-off Meeting	1 100% 14-Jan-19			0								
00-Milest-310	Start of Mobilization	0 100% 04-Feb-19			0							[
00-Milest-320	Parcel 1 Temp Power Available = 08FEB19	0 100% 08-Feb-19			0								
00-Milest-240	Begin Site Disturbance = 19FEB19	0 100% 25-Feb-19			0						'		
00-Cranes-110	Crane Site Mobilization	1 100% 31-Aug-19			0						1		
00-Cranes-130	Crane Demob	2 100% 20-Nov-19			0								
00-Milest-710	Switchyard Substation Construction Completed	0 100%	06-Dec-19 A		0							t	
00-Milest-720	Ready for SCE Start Backfeed	0 100%	06-Dec-19 A		0								
00-SwYard-920	Switchyard Substation: SCE Backfeed Completion	0 100%	28-Feb-20 A		0								
00-Milest-820	U2 1st Fire Readiness	0 100%	11-Apr-20 A		0						1		
00-Milest-810	U1 1st Fire Readiness	0 100%	14-Apr-20 A		0			-					+
00-Milest-620	U1 Mechanical Completion Milestone	0 100%	20-Apr-20 A		0								
00-Milest-610	U2 Mechanical Completion Milestone	0 100%	25-Apr-20 A		0								
00-Milest-910	Projected Mechanical Completion Date	0 100%	27-Apr-20 A		0								
00-Milest-920	Projected Final Completion Date	0 0%	01-Sep-20*	-75	5 0			-					+
Payment Milestones		343 100% 24-Dec-18	-	-53					1				
Initial Milestones		41 100% 24-Dec-18	<u> </u>		0								
00-Paymnt-001	At Contract Execution	0 100%	24-Dec-18 A		0			-				 	
00-Paymnt-003		0 100% 04-Feb-19			0			-					
00-Paymnt-004		0 100% 04-Feb-19			0			-					
	Completion of Preliminary Work	0 100%	15-Feb-19 A		0			-					
Site Civil Works - Du		98 100% 09-May-19			0								
00-Paymnt-005		0 100%	09-May-19 A		0			-	1			 	
00-Paymnt-009	-	0 100%	29-May-19 A		0			4					
00-Paymnt-008		0 100%	26-Jul-19 A		0			-					
00-Paymnt-006	•	0 100%	06-Sep-19 A		0			1	1			 	
00-Paymnt-010	-	0 100%	12-Sep-19 A		0			4					
00-Paymnt-007		0 100%	16-Sep-19 A		0			1					
00-Paymnt-011	-	0 100%	28-Oct-19 A		0			-	1				
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D	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.				2020			
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Site Civil Works - Parc				06-May-19 A			0				 			1 1 1
	Spoils Delivery Complete of Parcel 1		100%		06-May-19 A		0			 			¦ 	
	Mass Excavation of Parcel 1 Complete		100%		06-May-19 A		0				i			
00-Paymnt-014	Installation of Geotextile and Associated Aggregate	0	100%		17-May-19 A		0				1 1 1			
00-Paymnt-015	Recompaction necessary for Installation of Major Foundations	0	100%		08-Jul-19 A		0							
00-Paymnt-016	Recompaction back to Rough Grade after Foundation Install	0	100%		06-Mar-20 A		0							
Site Civil Works - Water	er Farm Milestones	90	100%	28-Feb-19 A	08-Jul-19 A		0						i 	
00-Paymnt-017	Mass Excavation for Water Farm Area (including Demin Tank)	0	100%		28-Feb-19 A		0				 			
00-Paymnt-018	Installation of Geotextile and Associated Aggregate Complete	0	100%		28-Feb-19 A		0				1			
00-Paymnt-019	Recompaction necessary for Installation of Foundations	0	100%		08-Jul-19 A		0							
Site Civil Works - Ward	ehouse Milestones	138	100%	22-Jul-19 A	02-Mar-20 A		0				1 1 1			
00-Paymnt-022	Recompaction necessary for Installation of Warehouse Founda	0	100%		22-Jul-19 A		0							
00-Paymnt-020	Mass Excavation for Warehouse Area - Scope Eliminated by Ov	0	100%		22-Jul-19 A		0						- 	
00-Paymnt-021	Installation of Geotextile and Associated Aggregate Complete _	0	100%		02-Mar-20 A		0				1 1 1			
Bridge Milestones		28	100%	26-Jul-19 A	13-Sep-19 A		0				 			1
00-Paymnt-023	Vehicle Bridge Installation Complete and Approved for Use	0	100%		26-Jul-19 A		0							
00-Paymnt-024	Utility Bridge Installation Complete with CBO Approval	0	100%		13-Sep-19 A		0				i			
Structural - Major Fou	Indation Milestones	58	100%	06-May-19 A	16-Sep-19 A		0			 			- 	
00-Paymnt-028	Ammonia Sump Pit	0	100%		06-May-19 A		0							
00-Paymnt-027	Ammonia Tank Foundation and Sump	0	100%		07-Jun-19 A		0				1 1 1			
00-Paymnt-034	CTG2 Foundation Poured	0	100%		25-Jun-19 A		0				!			
00-Paymnt-030	CTG2 Foundation Formed	0	100%		08-Jul-19 A		0				; ! !			
00-Paymnt-032	ERU2 Centerline Foundations Formed (including Stack)	0	100%		08-Jul-19 A		0			 			- 	
00-Paymnt-025	Receipt of all Shop Fab Rebar at Site	0	100%		26-Jul-19 A		0							
00-Paymnt-029	CTG1 Foundation Formed	0	100%		26-Jul-19 A		0				1 1 1			
00-Paymnt-031	ERU1 Centerline Foundations Formed (including Stack)	0	100%		26-Jul-19 A		0				1 1 1			
00-Paymnt-033	CTG1 Foundation Poured	0	100%		26-Jul-19 A		0							
00-Paymnt-036	ERU2 Centerline Foundations Poured (including Stack)	0	100%		26-Jul-19 A		0			 			- 	
00-Paymnt-026	GSU Foundation Poured	0	100%		16-Sep-19 A		0				1			
00-Paymnt-035	ERU1 Centerline Foundations Poured (including Stack)	0	100%		16-Sep-19 A		0							
Structural - Minor Fou	·	134		06-May-19 A	•		0				i I I I			
00-Paymnt-038	Demin Water Tank		100%	-	06-May-19 A		0				!			
00-Paymnt-039	RO Skid	0	100%		20-Jun-19 A		0			 			- 	
00-Paymnt-040	Demin Water Skid		100%		28-Jun-19 A		0				1 1 1			
	480 Volt MCC - Water Treatment		100%		02-Jul-19 A		0				! ! !			
00-Paymnt-046	Utility Bridge Abutments		100%		17-Jul-19 A		0				; ! !			
00-Paymnt-049	Utility Rack Supports		100%		17-Jul-19 A		0				 			
	Spread Footings for Roofless Enclosure U2		100%		26-Jul-19 A		0			 			- 	
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SERC	Baseline Project Maste	r Schedule (w/ARB Jun	Sched) CEC/SCE				S Summary					10-Au	ug-20 17:47
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SERC Baseline Project Ma	ster Schedule (w/ARB Jun Sched) CEC/SCE				WBS Sumn	nary								10-Aug-20 17:47
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF Fin. Var.					2020			
						val.	Jul	A	Aug	, ,	Sep	Oct	Nov	Dec
00-Paymnt-048	PDM Columns		100%		05-Sep-19 A	0								
00-Paymnt-041	Fogging Water Skid U1		100%		16-Sep-19 A	0							1	
00-Paymnt-042	Fogging Water Skid U2		100%		16-Sep-19 A	0							1	
00-Paymnt-044	Spread Footings for Roofless Enclosure U1		100%		16-Sep-19 A	0								
00-Paymnt-047	Power Distribution Module (PDM) Building Spread Footings		,		16-Sep-19 A	0								
00-Paymnt-050	Switchyard Support	0	100%		25-Sep-19 A	0							1	
00-Paymnt-051	Switchyard Substation Module Foundation	0	100%		25-Sep-19 A	0								
00-Paymnt-052	Fuel Gas Compressor Area Foundations	0	100%		26-Sep-19 A	0								
00-Paymnt-057	BESS Switchgear Foundation	0	100%		04-Oct-19 A	0								
00-Paymnt-055	CTG2 Miscellaneous Foundations	0	100%		16-Oct-19 A	0							1	
00-Paymnt-053	CTG1 Miscellaneous Foundations	0	100%		22-Nov-19 A	0								
00-Paymnt-037	Receipt of Shop Fab Rebar at Site	0	100%		23-Nov-19 A	0								
00-Paymnt-056	ERU2 Miscellaneous Foundations	0	100%		03-Jan-20 A	0								
00-Paymnt-054	ERU1 Miscellaneous Foundations	0	100%		08-Jan-20 A	0							1	
UG Storm Water Syst	tem Milestones	198	100%	27-Mar-19 A	30-Mar-20 A	0							1	
00-Paymnt-058	Procure Storm Drain Pipe	0	100%		27-Mar-19 A	0				1				
00-Paymnt-060	Install Storm Drain Pipe North	0	100%		31-Jan-20 A	0								
00-Paymnt-059	Install Storm Drain Pipe South	0	100%		26-Feb-20 A	0							1	
00-Paymnt-061	Install all other Storm Drain Segments	0	100%		30-Mar-20 A	0		-		1				
00-Paymnt-062	HydroTest Stormwater Systems		100%		30-Mar-20 A	0				1				
UG Piping Installation	1 - 1	186	100%	26-Apr-19 A	03-Apr-20 A	0							1	
00-Paymnt-063	Procure Underground Pipe		100%	-	26-Apr-19 A	0		-		1				
00-Paymnt-065	Install Demin Water pipe		100%		17-Jun-19 A	0								
00-Paymnt-064	Install Natural Gas pipe		100%		16-Mar-20 A	0							1	
00-Paymnt-067	HydroTest Underground Piping Systems		100%		16-Mar-20 A	0							1	
-	Install Fire Main		100%		03-Apr-20 A	0				1				
UG Ground Grid Miles					08-May-20 A	0								
_	Installation of Ground Grid - Switchyard Substation Area		100%		26-Jun-19 A	0				1				
00-Paymnt-068	Procure Ground Grid		100%		26-Jul-19 A	0								
00-Paymnt-071	Installation of Ground Grid - Power Island 2		100%		26-Jul-19 A									
00-Paymnt-072	Installation of Ground Grid - Water Farm Area		100%		26-Jul-19 A	0							1	
00-Paymnt-072	Installation of Ground Grid - Power Island 1		100%		06-Sep-19 A	0								
00-Paymnt-073	Installation of Ground Grid - BESS 15 kV Switchgear Area (BES		100%		04-Oct-19 A	0							: : : : :	
00-Paymnt-073	Installation of Ground Grid - BESS 15 kV Switchgear Area (BES		100%		28-Feb-20 A	0		-					1	
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	Installation of Ground Grid - Perimeter		100%		08-May-20 A	0								
Unit Substation Miles				-	06-Dec-19 A	0							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Switchyard, Substation: Protection Module		100%		30-Aug-19 A	0		-					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
00-Paymnt-076	Set GSU	0	100%		04-Sep-19 A	0			<u> </u>				1	1 1
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00-Paymnt-076 Set GSU

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TASK filter: Not Level Of Effort.

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	 Actual Level of Effort 	Rem	naining Work 🔸 🗼 🗘	Milestone								© Oracle	Corporatior

ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin.					2020			
							Var.	Jul	,	Aug		Sep	Oct	Nov	Dec
<u> </u>	GSU Dress Out Complete	0	100%		11-Sep-19 A		0			*********		; ; ;		; ; ;	
00-Paymnt-078	GSU Auxiliary Connections Complete	0	100%		30-Oct-19 A		0								
00-Paymnt-079	All other 66 kV Apparatus Installed and Conductors Connected	0	100%		22-Nov-19 A		0								
00-Paymnt-081	High Voltage Protective Relay Testing Complete	0	100%		06-Dec-19 A		0								
CTG1 Components Se	tting and Installation Milestones	120	100%	19-Sep-19 A	27-Apr-20 A		0								
00-Paymnt-083	CTG1 - Install Base Plates	0	100%		19-Sep-19 A		0								
00-Paymnt-084	CTG1 - Level CTG Frame	0	100%		27-Sep-19 A		0							1	
00-Paymnt-082	CTG1 - Shake Out CTG Parts	0	100%		28-Sep-19 A		0								
00-Paymnt-088	CTG1 - Install VBV Ducting	0	100%		14-Oct-19 A		0								
00-Paymnt-089	CTG1 - Install Air Filter Housing	0	100%		18-Oct-19 A		0								
00-Paymnt-086	CTG1 - Install Air Intake Trans Ducting	0	100%		18-Oct-19 A		0								
00-Paymnt-087	CTG1 - Install Generator Vent Ducting	0	100%		29-Oct-19 A		0			**********				 	!
00-Paymnt-090	CTG1 - Air Housing Internals	0	100%		28-Jan-20 A		0								
00-Paymnt-092	CTG1 - Final Wipe Down Air Inlet	0	100%		15-Feb-20 A		0								
00-Paymnt-091	CTG1 - Final Check and Grout	0	100%		22-Feb-20 A		0								1
00-Paymnt-085	CTG1 - Internal Final Alignment Checks	0	100%		28-Feb-20 A		0								
00-Paymnt-093	CTG1 - GE Signoff	0	100%		27-Apr-20 A		0			**********	1				
CTG2 Components Se	tting and Installation Milestones	120	100%	27-Sep-19 A	27-Apr-20 A		0								1
00-Paymnt-094	CTG2 - Shake Out CTG Parts	0	100%		27-Sep-19 A		0								
00-Paymnt-095	CTG2 - Install Base Plates	0	100%		27-Sep-19 A		0				1				
00-Paymnt-096	CTG2 - Level CTG Frame	0	100%		27-Sep-19 A		0				1				
00-Paymnt-101	CTG2 - Install Air Filter Housing	0	100%		22-Nov-19 A		0			=======	=				
	CTG2 - Install Air Intake Trans Ducting	-	100%		22-Nov-19 A		0								
	CTG2 - Install VBV Ducting		100%		12-Dec-19 A		0							1	
	CTG2 - Internal Final Alignment Checks		100%		13-Dec-19 A		0				1				
	CTG2 - Final Check and Grout	-	100%		17-Jan-20 A		0				-				
	CTG2 - Air Housing Internals		100%		30-Jan-20 A		0				=				
	CTG2 - Final Wipe Down Air Inlet		100%		01-Feb-20 A		0								
	CTG2 - Install Generator Vent Ducting		100%		22-Feb-20 A		0								
	CTG2 - GE Signoff		100%		27-Apr-20 A		0							1	
<u> </u>	tting and Installation Milestones	63		26-Nov-19 A	-		0							1	
	ERU1 - Complete Field Bolt Up and all Sections Set		100%		26-Nov-19 A		0							· 	
	ERU1 - Insulation and Liner Plates		100%		28-Feb-20 A		<u> </u>								
-	ERU1 - Field Load Catalyst		100%		23-Apr-20 A						1				
<u> </u>	tting and Installation Milestones				20-Apr-20 A		0							; ; ;	
	Set Fuel Gas Compressor Equipment						-							1	
-					06-Sep-19 A										
-	Set Demin Area Equipment	-	100%		13-Sep-19 A						-				
00-Paymnt-118	Set Ammonia Forwarding Skid	U	100%		16-Sep-19 A		U					!		!	

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

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Remaining Level of E	Effort Actua	al Work Cr	ritical Remaining Work		Pag	e 18 of 34		TASK filter: Not	Level Of Effort.			
Actual Level of Effort			lilestone		, and the second						© Oracle C	orporation

)	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.			1		020			
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00-Paymnt-119	Ammonia Tank		100%		16-Sep-19 A		0								
00-Paymnt-114	Set PDM and Control Modules		100%		02-Oct-19 A		0								
00-Paymnt-109	ERU2 - Complete Field Bolt Up and all Sections Set		100%		21-Nov-19 A		0							! ! !	
00-Paymnt-116	Set ERU Aux Skid - Ammonia Vaporization Skids		100%		17-Dec-19 A		0								
00-Paymnt-115	Set CTG Aux Skids		100%		20-Dec-19 A		0								
00-Paymnt-110	ERU2 - Insulation and Liner Plates	0	100%		03-Jan-20 A		0					1		1	
00-Paymnt-117	Set CEMS Buildings	0	100%		13-Jan-20 A		0							1	
00-Paymnt-111	ERU2 - Field Load Catalyst	0	100%		20-Apr-20 A		0							1 1 1	
Demin Water Tank Mi	lestones	34	100%	23-Sep-19 A	02-Dec-19 A		0							!	
00-Paymnt-120	Demin Water Tank Materials Delivered at Site	0	100%		23-Sep-19 A		0								
00-Paymnt-121	Demin Water Tank Installation Complete	0	100%		02-Dec-19 A		0					i ! !			1
AG Piping Installation	Milestones	90	100%	30-Aug-19 A	16-Mar-20 A		0							1	
00-Paymnt-122	Procurement of AG Pipe Materials and Receipt of 100% Verified	0	100%		30-Aug-19 A		0								
00-Paymnt-126	Rack and Utility Bridge Piping (Demin Water)	0	100%		16-Sep-19 A		0							†	
00-Paymnt-123	Lube Oil Piping CTG1 and CTG2	0	100%		10-Dec-19 A		0							1	
00-Paymnt-124	Demin Water @ CTG1 and CTG2	0	100%		10-Dec-19 A		0								
00-Paymnt-125	Demin Water @ Tank Area	0	100%		10-Dec-19 A		0								
00-Paymnt-128	Ammonia System Piping	0	100%		20-Dec-19 A		0					i ! !		1	
00-Paymnt-127	CTG Package Drain System	0	100%		29-Feb-20 A		0							1 T	
00-Paymnt-129	Natural Gas System Piping		100%		16-Mar-20 A		0								
Electrical Procureme					22-Jan-20 A		0							: !	
00-Paymnt-130	Cable Tray Procurement (Received on Site 100%)		100%		16-Sep-19 A		0							1	
00-Paymnt-134	Fabricated Structural Steel Procurement (Received on Site 100'		100%		16-Sep-19 A		0								
	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					i ! !			
	480 V Cable Procurement (Received on Site 100%)		100%		22-Jan-20 A		0							1	
U1 Medium Voltage M		24			10-Feb-20 A		0								
_	U1 MV - Set 15 kV Switchgear 1	04	100%		05-Dec-19 A		0								
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	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal		100%		19-Dec-19 A		0							1	
	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Termi		100%		28-Dec-19 A		0								
	U1 MV - AG Conduit Installed		100%		06-Jan-20 A		0					1			
	U1 MV - Cable Tray Installed		100%		06-Jan-20 A		0								
00-Paymnt-141	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux Xf		100%		13-Jan-20 A		0								
	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin		100%		13-Jan-20 A		0								
	U1 MV - 15 kV Switchgear Protective Relay Testing Complete		100%		15-Jan-20 A		0							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux Xf		100%		16-Jan-20 A		0							1	
	U1 MV - 480 V Xfmr 1 Protective Relay Testing Complete		100%		21-Jan-20 A		0								
00-Paymnt-136	U1 MV - Set 480 V Aux Xfmr 1	0	100%		01-Feb-20 A		0					1		1	

C Basel	line Project Master	Schedule (w/ARB Jun	Sched) CEC/SCE				S Summary 021					10-A	Aug-20 17
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■ Re	emaining Level of Ef	fort Actual	l Work C	ritical Remaining Work		Pac	e 20 of 34		TASK filter: Not I	evel Of Effort			

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00 December 407	HARRY 40 0 LV Oakla from 45 LV Oakla harrand 45 OOU bradell		4000/		40 Fab 00 A	_	vai.	Jul	Αι	ıg T		Sep	Oct		Nov	Dec
	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Installe		100%		10-Feb-20 A		0							; ; ;		i 1 1
U2 Medium Voltage N				07-Oct-19 A			0							1		1
	U2 MV - Cable Tray Installed		100%		07-Oct-19 A		U									
00-Paymnt-147	U2 MV - Set 15 kV Switchgear 2		100%		29-Oct-19 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
00-Paymnt-149	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GSU, Installe		100%		19-Dec-19 A		0							<u> </u>		
00-Paymnt-151	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CTG2, Instal		100%		19-Dec-19 A		0							: ! !		
00-Paymnt-152	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CTG2, Termi		100%		19-Dec-19 A		0							1 1 1		1
00-Paymnt-155	U2 MV - 15 kV Switchgear Protective Relay Testing Complete		100%		28-Dec-19 A		0							1		1
00-Paymnt-158	U2 MV - AG Conduit Installed		100%		31-Dec-19 A		0									
00-Paymnt-150	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GSU, Termin		100%		07-Jan-20 A		0				ļ			 		ļ
00-Paymnt-153	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 480 V Aux Xf		100%		08-Jan-20 A		0							1		1
00-Paymnt-154	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 480 V Aux Xf		100%		13-Jan-20 A		0									
00-Paymnt-148			100%		01-Feb-20 A		0							i i i		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	U2 MV - 480 V Xfmr 2 Protective Relay Testing Complete	0	100%		15-Feb-20 A		0							1		1
BESS Medium Voltag		0		04-Oct-19 A			0							 		
00-Paymnt-159	BESS MV - Set 15 BESS 15 kV Switchgears (BESS SOW DeSc	0	100%		04-Oct-19 A		0									1
00-Paymnt-160	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 1 to GS	0	100%		04-Oct-19 A		0							1		1
00-Paymnt-161	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 1 to GS	0	100%		04-Oct-19 A		0							1		
00-Paymnt-162	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 2 to GS	0	100%		04-Oct-19 A		0							; ; ;		1
00-Paymnt-163	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 2 to GS	0	100%		04-Oct-19 A		0							!		
00-Paymnt-164	BESS MV - 15 kV Switchgear Protective Relay Testing Complet	0	100%		04-Oct-19 A		0									
4160 V System Miles	tones	53	100%	02-Oct-19 A	29-Jan-20 A		0							i 1 1		i i i
00-Paymnt-165	4160 V System - Set 13.8 kV-4160V Xfmr	0	100%		02-Oct-19 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
00-Paymnt-166	4160 V System - Set 5 kV Switchgear	0	100%		29-Oct-19 A		0							1		
00-Paymnt-167	4160 V System - 13.8 kV Cable from 15 kV Switchgear 2 to 416	0	100%		29-Jan-20 A		0							: ! !		i !
00-Paymnt-168	4160 V System - 13.8 kV Cable from 15 kV Switchgear 1 to 416	0	100%		29-Jan-20 A		0					:		1 1 1		1
00-Paymnt-169	4160 V System - 4160 V Area Electrical Installation Complete	0	100%		29-Jan-20 A		0							1		
U1 480 Volt System N	Milestones	25	100%	16-Jan-20 A	14-Mar-20 A		0							: ! !		i 1
00-Paymnt-170	U1 480 V System - 480 Volt Feeder Cables from Aux Xfmr 1 to F	0	100%		16-Jan-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
00-Paymnt-172	U1 480 V System - Pull 480 Volt Cables to all 480 Volt Loads Co	0	100%		31-Jan-20 A		0							1		
00-Paymnt-171	U1 480 V System - 480 Volt Feeder Cables from PDM 1 to the V	0	100%		01-Feb-20 A		0					;- ;		 		; ;
00-Paymnt-173	U1 480 V System - Termination of 480 Volt Cables to all 480 Vol	0	100%		14-Mar-20 A		0							1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
U2 480 Volt System N	/lilestones	42	100%	28-Dec-19 A	30-Jan-20 A		0							1		1
00-Paymnt-175	U2 480 V System - 480 Volt Feeder Cables from PDM 2 to the V	0	100%		28-Dec-19 A		0							: !		
00-Paymnt-177	U2 480 V System - Termination of 480 Volt Cables to all 480 Vol	0	100%		09-Jan-20 A		0					 		1 1 1 1		1
00-Paymnt-174	-		100%		13-Jan-20 A		0				+			-		
	U2 480 V System - Pull 480 Volt Cables to all 480 Volt Loads Co		100%		30-Jan-20 A		0							! ! !		
Start-Up and Commis	-			16-Jan-20 A			0							: ! !		!
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	Remaining Level of E			Critical Remaining Work		Pag	e 22 of 34		TASK filter: Not I	_evel Of Effort.			
	Actual Level of Effort	Rem	aining Work • • I	Milestone								© Oracle (Corporation

	ster Schedule (w/ARB Jun Sched) CEC/SCE		0/ 5	Otrat		Summary	-											\ug-20 ′
D	Activity Name	OD	% Comp	Start	Finish	TF Fin		Jul	lul ^			Sep	2020	Oct		Nov		De
00-Paymnt-183	SU&C - Natural Gas Piping - Air Blows Common	0	100%		16-Jan-20 A		0	Jui	,	Aug	+	Sep		OCI		NOV		De
00-Paymnt-185	-	0	100%		24-Jan-20 A		0) 					
00-Paymnt-180	SU&C - Electrical Testing U2	0	100%		31-Jan-20 A		0											
00-Paymnt-184	SU&C - Natural Gas Piping - Air Blows U1	0	100%		12-Feb-20 A		<u> </u>											
00-Paymnt-182	SU&C - Lube Oil Flush U2	0	100%		15-Feb-20 A		<u></u>) 		i			
00-Paymnt-181	SU&C - Lube Oil Flush U1				22-Feb-20 A		0		-						1			
00-Paymnt-179	SU&C - Electrical Testing U1		100%		06-Mar-20 A		~											
00-Paymnt-178	SU&C - Electrical Testing 01 SU&C - Electrical Testing Plant Common	0	100%		24-Apr-20 A		~											
Misc Milestones	30&C - Electrical Testing Flant Common			22-Jul-19 A	-								! ! !				!	
_	Install Manhausa Building Coons Flimingted by Ourse				08-May-20 A		0		-									
00-Paymnt-191	Install Warehouse Building - Scope Eliminated by Owner		100%		22-Jul-19 A		<u> </u>											
00-Paymnt-187	Issue Purchase Orders for All Buildings	0	10070		26-Jul-19 A								i ! !		1			
00-Paymnt-188	Receipt of Building Material On Site	0	100%		06-Dec-19 A										<u>-</u>			
00-Paymnt-190	Install Roofless Building U2		,		14-Apr-20 A													
00-Paymnt-189	Install Roofless Building U1		100%		15-Apr-20 A													
	Install Perimeter Fence and Gates (Fence Grounding included)		100%		08-May-20 A		0						1		1			
Completion Milestone				20-Apr-20 A	-	-53	0			 			 		-			
-	Mechanical Completion	0	,		20-Apr-20 A		0											
00-Paymnt-193	Final Construction Completion	0	100%		15-May-20 A		0											
	Final Project Completion	0	0%		01-Sep-20	-53	0				8		i ! !					
nclement Weather / Ra	in Days	226	100%	04-Mar-19 A	10-Apr-20 A		0				-		 		-			
railer - Move / Down Siz	ze to New Location	4	100%	24-Feb-20 A	28-Feb-20 A		0						1					
equest for Information	(RFIs)	222	100%	06-Jun-19 A	06-Apr-20 A		0											
supplemental Informati	on	230	100%	08-Oct-19 A	18-Apr-20 A		0						!					
Engineering Change N	lotices	216	100%	08-Oct-19 A	03-Apr-20 A		0								-		1	
PSC Daily Report		4	100%	19-Nov-19 A	19-Nov-19 A		0											
Event Files From Satu	rday 4/18/20	1	100%	18-Apr-20 A	18-Apr-20 A		0											
Field Change Oders		238	100%	26-Nov-19 A	08-May-20 A		0						i 1 1					
Construction		354	100%	04-Feb-19 A	15-May-20 A		0								 			
Mobilization		19	100%	04-Feb-19 A	01-Mar-19 A		0											
Site Preparation		\longrightarrow			04-Oct-19 A		0											
Vehicle Bridge					30-Dec-19 A		0						i ! !		1			
UG Electrical					28-Apr-20 A		0						1					
UG Piping					09-Apr-20 A		0											
Foundations					10-Apr-20 A		0				:		; ; ;		1		1	
Structural Steel					15-May-20 A		0								1			
Equipment Installation					15-May-20 A		0						 		1			
Electrical Installation					08-May-20 A		0											
AG Piping					12-Feb-20 A				-									
-to i libing		133	100%	23-3ul-19A	12-Feb-20 A		<u> </u>				-!		!		!			<u> </u>
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SERC	Baseline Project Maste	er Schedule (w/ARB Jun	n Sched) CEC/SCE				S Summary					10-Au	ug-20 17:47
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	Remaining Level of E			Critical Remaining Work		Paç	ge 24 of 34		TASK filter: Not L	evel Of Effort.			
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/ ID	Activity Name	OD %	Comp Start	Finish	TF	Fin.				2020			
	,					Var.	Jul	Aug		Sep	Oct	Nov	Dec
Painting & Insulati	on	33	100% 03-F	b-20 A 28-Feb-20 A		0						1	
Pre-Commissionin	g	80	100% 02-Ja	n-20 A 24-Apr-20 A		0							1
System Turn Over	Packages	80	100% 02-J	n-20 A 24-Apr-20 A		0							
U2 Power Block P	WP's	44	100% 08-Ja	n-20 A 09-Mar-20 A		0							1 1
U1 Power Block P	WP's	48	100% 08-Ja	n-20 A 27-Mar-20 A		0							
TOP System Walk	down	66	100% 09-Ja	n-20 A 27-Apr-20 A		0							
Electrical and Cor	ntrol	24	100% 09-Ja	n-20 A 29-Jan-20 A		0						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
BOP Systems Wa	lkdown	58	100% 16-Ja	n-20 A 27-Apr-20 A		0							
Gas Turbine #2 (G	T2) Walkdown	38	100% 09-Ja	n-20 A 15-Mar-20 A		0							1
Gas Turbine #1 (G	GT1) Walkdown	29	100% 04-F	b-20 A 23-Mar-20 A		0						 	
Commissioning		254	100% 28-F	b-16 A 06-May-20 A		0							
Balance of Plant S	Systems	70	100% 09-Ja	n-20 A 06-May-20 A		0							1 1
GT2 Engine Comr	missioning	149	100% 28-F	b-16 A 06-May-20 A		0							
GT1 Engine Comr	nissioning	240	100% 24-S	p-19 A 06-May-20 A		0							
Demobilization		46	100% 24-Fe	b-20 A 15-May-20 A		0							
Socal Gas Line	e Schedule	147	100% 19-A	ıg-19 A 07-Apr-20 A		0							
SCG-1000	Mobilization	5	100% 19-A	ıg-19 A 23-Aug-19 A		0							
SCG-1010	Install 600' Of 12"	13	100% 26-A	ıg-19 A 19-Sep-19 A		0			1				1 1 1
SCG-1020	Install 1200' of 12"			ct-19 A 07-Feb-20 A		0							1
SCG-1022	Install Piping Supports			b-20 A 17-Mar-20 A		0							
SCG-1024	MSA Electrical And Commissioning			b-20 A 17-Mar-20 A		0						1	1 1 1
SCG-1030	Testing			ar-20 A 26-Mar-20 A		0							1
SCG-1040	Socal Gas Tie-In			ar-20 A 01-Apr-20 A		0							
SCG-1050	De-Mobilize			or-20 A 07-Apr-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
	ection Schedule			or-17 A 08-Mar-21	149	-110						1	
	eliability Center Integrated Schedule (PIN# 8016) - Update			or-17 A 08-Mar-21	149								1
Project Manageme			100% 07-A			0							1
0110	PMWIF Issuance		100%	07-Apr-17 A		0							
0115	PMWIF Acceptance		100%	14-Apr-17 A		0			1			1	1 1 1
0100	Issue ATP		100%	20-Mar-18 A		0						 	
0120	Customer Final Design		100% 02-Jı			0							
0130	Substation Designs Complete		100%	05-Feb-19 A		0						1	1
0125	Issued Drawings to CDM		100%	10-Apr-19 A		0							
0105	Approved OD		100%	03-Mar-20 A		0			1			: 	
Customer Mileston			100% 14-D			0							
01205	Design Drawings Final		100%	14-Dec-18 A		0							1
01210	UG 66kV Duck Construction Complete		100%	01-May-19 A		0			1			1 1 1	1
01215	66kV Dead-End Rack Construction Complete		100%	01-Jul-19 A								1	1
V 1 & 1 U	CONT Dead-Lind Nack Constituction Complete	•	130 /0	01-001-13A					- !				!

RC Baseline Project Ma	aster Schedule (w/ARB Jur	n Sched) CEC/SCE				S Summary 2021					10-Au	ug-20 17:47 2022
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Remaining Level			Critical Remaining Work		Pag	ge 26 of 34		TASK filter: Not	Level Of Effort.			
Actual Level of Eff	fort Rem	naining Work • • I	Milestone								© Oracle	Corporation

/ ID	Activity Name	OD % Comp Start	Finish	TF	Fin.			20	20			
					Var.	Jul	Aug	Sep	Oct	Nov		Dec
01220	Diverse Fiber Duct Construction Complete	0 100%	15-Aug-19 A		0							
01225	Control House Ready for SCE Telecom Cabinets	0 100%	01-Oct-19 A		0							
01230	Ready for In-Service Testing	0 100%	01-Nov-19 A		0				1		i	
Environmental		150 100% 01-Aug-18 A	31-May-19 A		0				 		1	
0355	Environmental Process	150 100% 01-Aug-18 A	31-May-19 A		0							
Substation		434 100% 25-Jan-18 A	03-Mar-20 A		0							
Mirage Substation		227 100% 14-May-18 A	13-Jun-19 A		0							
Engineering		130 100% 14-May-18 A	15-Apr-19 A		0							
01005	Preliminary Engineering	50 100% 14-May-18 A	30-May-18 A		0				1			
01170	Final Engineering	80 100% 07-Aug-18 A	15-Apr-19 A		0							
Construction		34 100% 16-Apr-19 A	31-May-19 A		0							
01020	UFLS Work	34 100% 16-Apr-19 A	31-May-19 A		0		-		 		1	
01015	UFLS Work Start	0 100% 16-Apr-19 A			0							
01025	UFLS Work Finish	0 100%	31-May-19 A		0							
Commissioning		10 100% 31-May-19 A	13-Jun-19 A		0							
01000	Test & In-Service	10 100% 31-May-19 A	13-Jun-19 A		0							
Distribution Upgrade	es at Barre Substation (SAP# 902360074)	396 100% 14-May-18 A	03-Mar-20 A		0							
Engineering		145 100% 14-May-18 A	10-Apr-19 A		0							
Preliminary Engin	eering	20 100% 14-May-18 A	30-May-18 A		0				1		i	
01030	Preliminary Engineering	20 100% 14-May-18 A	30-May-18 A		0							
Final Engineering	/Design	145 100% 04-Sep-18 A	10-Apr-19 A		0							
01045	Structural Engineering / Design	100 100% 04-Sep-18 A	05-Feb-19 A		0							
01035	Electrical Engineering / Design	66 100% 18-Sep-18 A	05-Feb-19 A		0							
01040	Civil Engineering / Design	47 100% 03-Dec-18 A	05-Feb-19 A		0						ì	
01050	Final Engineering / Designs	34 100% 17-Dec-18 A	05-Feb-19 A		0							
01060	Qualitiy Assurance Review	23 100% 06-Feb-19 A	08-Mar-19 A		0							
01070	QACorrections	25 100% 11-Mar-19 A	10-Apr-19 A		0			 		 		
01255	Issue Structural Steel Package to CDM (SAP# 902306533)	0 100%	28-Mar-19 A		0							
01065	Issue Completed Package to CDM	0 100%	10-Apr-19 A		0							
Procurement/Mat	erials	198 100% 21-Nov-18 A	30-Aug-19 A		0							
01100	RE to Submit Major Material Order (CB)	0 100%	21-Nov-18 A		0							
01110	Procurement / Material Delivery	125 100% 03-Dec-18 A	30-Aug-19 A		0					· · · · · · · · · · · · · · · · · · ·		
01085	Issue PO for Circuit Breaker	0 100%	03-Dec-18 A		0							
01115	CB Delivered	0 100%	30-Aug-19 A		0							
Construction		177 100% 03-Jun-19 A	17-Jan-20 A		0							
01270	Summer Load and High Line Loading Period	100 100% 03-Jun-19 A	25-Oct-19 A		0							
01275	Outage Request	15 100% 28-Oct-19 A	15-Nov-19 A		0					· · · · · · · · · · · · · · · · · · ·		
01078	Construction Start	0 100% 19-Nov-19 A			0			1	!			

Actual Level of Effort Remaining Work ♦ Milestone

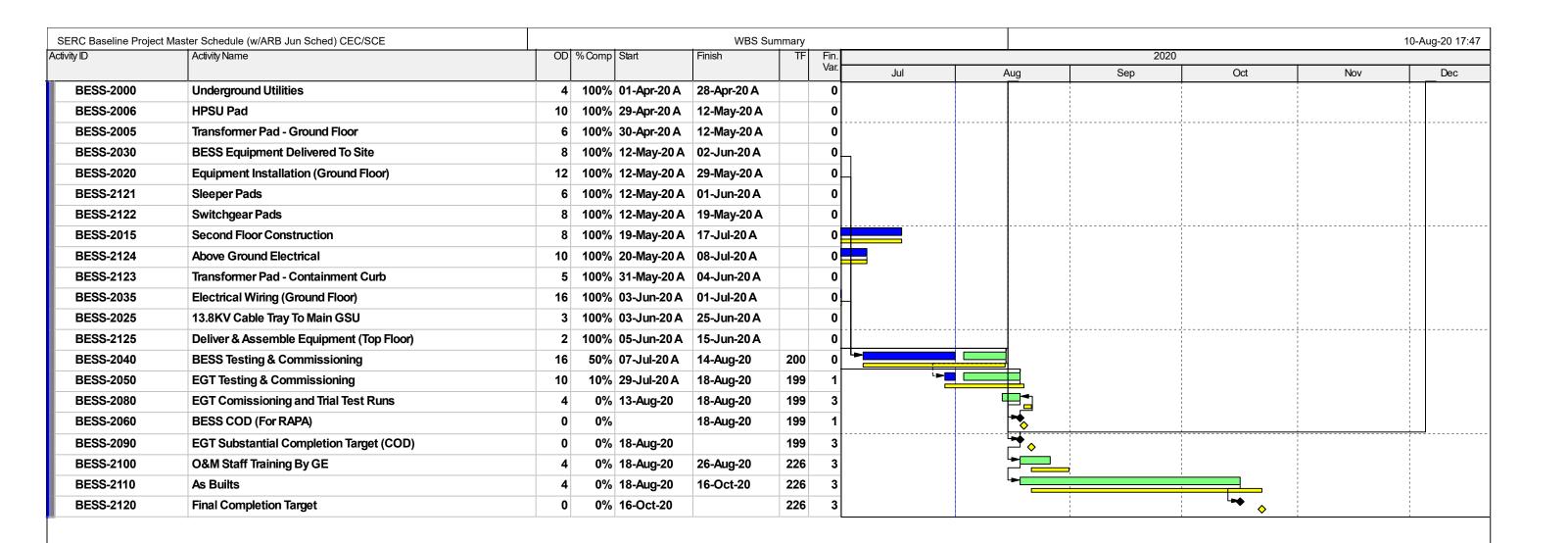
SER	RC Baseline Project Maste	er Schedule (w/ARB Jui	n Sched) CEC/SCE				S Summary 021					10-Au	ıg-20 17:47 2022
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	Remaining Level of E			Critical Remaining Work		Pag	e 28 of 34		TASK filter: Not I	_evel Of Effort.		@ Oro-1-	Corporation
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	flaster Schedule (w/ARB Jun Sched) CEC/SCE		0/ 5	1 0	WBS St								10-Aug-20 1
ID	Activity Name	OD	% Com	p Start	Finish		Fin. Var.	Jul	 Aug	Sep 202	Oct	Nov	Dec
01075	Built and Test Position 11	45	100%	6 19-Nov-19 A	17-Jan-20 A		0	Jui	 -ug	Sep	Oct	INOV	Dec
01280	3ABank in Position 10 Offline				20-Nov-19 A		0						
01260	Install Structural Steel for 66kV Switchrack Position# 10 (SAP#				13-Dec-19 A		0						
01165	Construction Finish		100%		17-Jan-20 A		0		 	. <u> </u>		-	
Commissioning				% 26-Feb-20 A			0						
01080	Test & In-Service			6 26-Feb-20 A			0						
	ilities at Barre Substation (SAP# 902360075)	434		6 25-Jan-18 A			0						
Engineering				6 25-Jan-18 A			0						
Preliminary Engin	eerina			6 25-Jan-18 A			0		 				
01090	Preliminary Engineering			6 25-Jan-18 A			0						
Final Engineering				6 04-Sep-18 A			0						1
01105	Structural Engineering / Design			6 04-Sep-18 A			0						
		-					0						
01095	Electrical Engineering / Design	66		6 18-Sep-18 A			<u> </u>		 	<u> </u>			
01120	Quality Assurance & QA Corrections	-		6 06-Feb-19 A	<u>-</u>		0						!
01125	Issue Completed Package to CDM	0	100%		10-Apr-19 A		0						
01130	Relay Settings (OD43)			6 16-Sep-19 A			0						
Procurement/Mat				6 15-Apr-19 A			0						
01135	Procurement / Materials Delivery			6 15-Apr-19 A			0		 				
Construction				% 29-Oct-19 A			0						
01145	Construction Duration			% 29-Oct-19 A	24-Feb-20 A		0						
01140	Construction Start	0		% 29-Oct-19 A			0						
01150	Construction Finish	0	,		25-Feb-20 A		0						1
Commissioning		5	100%	6 26-Feb-20 A	28-Feb-20 A		0		 				
01155	Test & In-Service	5	100%	6 26-Feb-20 A	28-Feb-20 A		0						
Sub Transmission / G	en-Tie	372	100%	% 02-Jul-18 A	03-Jan-20 A		0						
01175	Preliminary Engineering	80	100%	% 02-Jul-18 A	02-Jan-19 A		0						
01180	Final Engineering	72	100%	6 03-Jan-19 A	12-Apr-19 A		0						
01185	Procurement & Material Delivery	81	100%	6 10-May-19 A	30-Aug-19 A		0						
01200	Civil Bidding	35	100%	6 16-Aug-19 A	18-Oct-19 A		0		 	!			
01265	Civil Work	15	100%	6 21-Oct-19 A	08-Nov-19 A		0						
01285	Turnover Of Skip To SCE	0	100%	6	29-Nov-19 A		0						
01190	Cable Installation Work	15	100%	6 29-Nov-19 A	19-Dec-19 A		0						
01290	Perform Terminations At Skip	5	100%	% 20-Dec-19 A	26-Dec-19 A		0						
01195	Testing/Commissioning	5	100%	% 30-Dec-19 A	03-Jan-20 A		0		 			-	
TransTelecom		235	100%	% 20-Feb-19 A	10-Jan-20 A		0						
Barre Substation		235	100%	% 20-Feb-19 A	10-Jan-20 A		0						
01235	Designs / Engineering	72	100%	6 20-Feb-19 A	30-May-19 A		0				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
01240	Procurement & Materials Delivery				22-Aug-19 A		0						
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RC Baseline Project I	Master Schedule (w/ARB Jun Sched) CEC/SCE		. WBS S	Summary						10-Aug-20 17
y ID	Activity Name	OD %Comp Start	Finish	TF Fin.			2020	_		
01245	Trans Telecom Work at Barre Substation	20 100% 19-Nov-19 A	12 Doc 19 A	0	Jul	Aug	Sep	Oct	Nov	Dec
01245	Installation Testing	10 100% 30-Dec-19 A		0						
Skip Substation	Installation resting			0						
<u></u>	Designe / Eustine order	235 100% 20-Feb-19 A		v						
9120	Designs / Engineering	72 100% 20-Feb-19 A	-							1 1 1
9125	Procurement & Materials Delivery	48 100% 18-Jun-19 A	-	0					ļ	
9130	Trans Telecom Work at Skip Substation	20 100% 29-Nov-19 A								
9135	Installation Testing	10 100% 30-Dec-19 A		0					i 1	
IT/Telecom		295 100% 19-Nov-18 A		0						1
Barre Substation		295 100% 19-Nov-18 A	_	0					1	1
9020	Preliminary Engineering	60 100% 19-Nov-18 A		0					: : :	
9025	Final Engineering	65 100% 18-Feb-19 A	21-May-19 A	0						
9030	Procurement & Material Delivery	90 100% 22-May-19 A	15-Oct-19 A	0						
9035	IT/Telecom Installation at Barre Substation	10 100% 16-Dec-19 A	27-Dec-19 A	0					1	
9060	Installation Testing	10 100% 30-Dec-19 A	10-Jan-20 A	0						
Skip Substation		295 100% 19-Nov-18 A	10-Jan-20 A	0						
9070	Preliminary Engineering	60 100% 19-Nov-18 A	15-Feb-19 A	0					1	
9075	Final Engineering	65 100% 18-Feb-19 A	21-May-19 A	0						
9080	Procurement & Material Delivery	90 100% 22-May-19 A	24-Sep-19 A	0						
9085	IT/Telecom Installation at Skip Substation	10 100% 02-Dec-19 A	13-Dec-19 A	0						1
9090	Installation Testing	10 100% 30-Dec-19 A	10-Jan-20 A	0						
PSC		260 100% 20-Feb-19 A	16-Jan-20 A	0					† !	
Barre Substation		260 100% 20-Feb-19 A	16-Jan-20 A	0						
9040	Preliminary Engineering	60 100% 20-Feb-19 A	14-May-19 A	0					1	1
9045	Final Engineering	65 100% 15-May-19 A		0						
9065	Test & In-Service	10 100% 03-Jan-20 A	-	0						
Skip Substation		260 100% 20-Feb-19 A		0					ļ	
9095	Preliminary Engineering	60 100% 20-Feb-19 A		0						
9100	Final Engineering	65 100% 15-May-19 A		0						
9105	Procurement & Material Delivery	50 100% 14-Aug-19 A		0						
9110	PSC Installation at Skip Substation	25 100% 29-Nov-19 A								
9115	Test & In-Service	10 100% 03-Jan-20 A		0			 			
Under Frequency Lo				149					1	
		120 0% 03-Aug-20 A							İ	<u> </u>
UFLS-0100	UFLS - Engineering	100 0% 03-Aug-20 A		149						
UFLS-0200	UFLS - Install Relay Rack	20 0% 02-Feb-21	08-Mar-21	149						
Project Closeout	In an Audio de T. Ol. (ATC)	66 100% 20-May-20 A	_	335 0					<u> </u>	
9015	Issue Authorization To Close (ATC)	0 100%	20-May-20 A							
9010	Work Order Close-Out Complete (FAOC)	0 0%	20-Aug-20*	0 0		\$			1	1
BESS Construct	tion Schedule	93 53.96% 01-Apr-20 A	16-Oct-20	226 3						1
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	 Actual Level of Effort 			Milestone								© Oracle	Corporation



Baseline Project Mas	ter Schedule (w/ARB Jun	Sched) CEC/SCE				S Summary 2021					10-Au	g-20 17:4 2022
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Remaining Level of	FEffort Actua		Critical Remaining Work		Pac	ge 34 of 34		TASK filter: Not L	evel Of Effort.			

Attachment 2 – COM-5 Compliance Matrix

	A	В	С	D	E	F	G	Н	ı	J	K	0	Р	Q	R	S	T	U
			y Relial	pility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2 All	Phases	;				1		6/30/2040				Construction						
4				Revised 4/30/2019		Based on Final	Staff Assessment					Operations						
Ted Res	hnical ource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
6	AQ	AQ-A1.a		Monthly Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM25, SOA). See Decision ACP4.1 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 SCAQMO shall be notified in writing once the commissioning process for each turbine is completed.	The SCAQMD shall be notified in writing once the commissioning process for each turbine is completed.	When commissioning is complete	7/2/2020	NA	In Progress	occupation of com-			SCAQMD	5/25/20 (Unit 2)	- Garage	SERC	DSR
7	AQ	AQ-A1.b	COM/OPS	Monthly Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOA). See Decision ACP4.1 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 (100, Co, VOC, PMJ0, PMJ5, SOM). See Decision ACA1 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 ScAOMD Executive Officer upon request. The records shall be maintained for a minimum of 5 years in a manner approved by SCAOMD. The records shall include, but not be limited to, natural gas usage in a calendar month and automated monthly and annual Calculated emissions. IRULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002) [Devices subject to this condition: D1, D7]	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-A2.a		Annual Emissions Limits - See Decision for specific emission limits by politicat (190, CQ, OV, CP, MJD, PMZ, S, SON). See Decision AG-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(e)(1):84CT, 5.10-996; RULE 1303(e)(1):84CT, 5.10-996; RULE 1303(e)(1):2-Offiset, 12-6-2002; [Devices subject to this condition: 0.1, D7]	N/A	N/A	N/A	NA	Not Started							SERC	DSR
10	AQ	AQ-A3		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 stratup, and shurdown periods. [R/UE 1303(e)(1)-8ACT, 5-10-1996; R/UE 1303(e)(1)-8ACT, 12-6-2002) [Devices subject to this condition. DJ, D7]	CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
11	AQ	AQ-A4	COM/OPS	4.0 PPMV CO Limit Averaging - The 4.0 PPMV CO emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)(1)-BACT, 12-6-2002] [Devices 1subject to this conditions 0.0, 107]		Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR

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			y Reliabi	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	!S						6/30/2040				Construction						
4				Revised 4/30/2019		Based on Final S	taff Assessment					Operations						<u> </u>
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
12	AQ	AQ-A5	COM/OPS	2.0 PPMV VOC Limit Averaging. The 2.0 PPMV VOC emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)(1)-BACT, 5-10-1996, RULE 1303(a)(1)-BACT, 12-6-2002] [Devices subject to this condition: 0.1, 0.7]	The project owner shall submit records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
13	AQ	AQ-A6	COM/OPS		The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
14	AQ	AQ-A7		Combustion Contaminant Emissions - For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time. (RULE 475, 10-8-1976; RULE 475, 8-7-1978) [Devices subject to this condition: DJ, D7]	records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ- SC7).		Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
15	AQ	AQ-A8	COM/OPS	NH, Limit Averaging - The S.O. PPMN NH, emission limit is averaged over one hour, dry basis, at 15 percent oxygen. The project owner shall calculate and continuously record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH ₃ calculation	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	NH31 Limit Averaging - The S.O 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.	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 So 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.	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 PPM/V NH3 emission limit is averaged over one hour, dry basis, at 15 percent oxygen. The project owner shall calculate and continuously record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH3 calculation equation.	The ammonia slip calculation procedure shall be in effect no later than 90 days after initial startup of the turbine.	N/A	The ammonia slip calculation procedure shall be in effect no later than 90 days after initial startup of the turbine	7/15/2020		Completed							SERC	DSR
19	AQ	AQ-B1	COM/OPS	H,S Limit Averaging - Concentration limit is an annual average based on monthly samples of natural gas composition or gas supplier documentation. The project owner shall not use natural gas containing the following specified compounds: H,S > 0.25 Grains per 100 SCF	The project owner shall include documentation demonstrating compliance as part of the Quarterly Operation Reports (AQ-SC7). The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
20	AQ	AQ-C1	COM/OPS	Start-up Limitations - Owner shall limit the number of start-ups to no more than 124 in any one calendar month.	Provide records including a table documenting the type of startup, duration and date of occurrence. Monthly Reports to be included in the Quarterly Operations Reports (AQ-SC7)	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR

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			y Reliabi	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2 A	III Phase	S				1		6/30/2040				Construction						-
4				Revised 4/30/2019		Based on Final S	Staff Assessment					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
5	AQ	AQ-C2	COM/OPS	Shutdown Limitations - Owner shall limit the number of shutdowns to no more than 124 in any one calendar month.	Provide records including a table documenting each shutdown, and indicating the duration and date of occurrence. 'Monthly reports to be included in Quarterly Operation Reports. (AQ-SCT)		Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly	Date Submitted to CPM	date)) Not Started	Date Approved by CPM	СВО	СВО	submit to?	to Other agencies	Agencies	Party SERC	Manager DSR
21	AQ	AQ-C3	COM/OPS	Pressure Relief Valve Requirements - The project owner shall install and maintain a pressure relief valve set at 2.3 psig.	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
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 protoco, but no later than 150 days after initial start-up. District must approve test protocol in advance. Northy 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 Dedsion 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	NA NA	In Progress				SCAQMD	12/31/2019 1/2/2020 1/9/2020		SERC	DSR
25	AQ	AQ-D1c	COM/OPS	Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. The test shall be conducted after District approval of the source test protocol, but no later than 120 days after initial start-up. District must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall notify the 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.	5/25/2020	7/6/2020	Completed	NA						SERC	DSR
26	AQ	AQ-D1d	COM/OPS	Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. The test shall be conducted after District approval of the source test protoco, 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 Decision for further test specifications.	The District shall be notified of the date and time of the source test(s) at least 10 days prior to the test.	Notification to the District of the date and time of the test at least 10 days prior to the test.	Notify Air District of proposed date and time 10 days prior to test date.	5/25/2020	NA	Completed				SCAQMD	16-May-20		SERC	DSR
27	AQ	AQ-D2a	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PMID1 at least once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of data end time of test. See Decision for further test specifications.	according to the original protocol. If changes to the testing methods or testing conditions are proposed,	Revised protocol for the source tests	Submit revised protocol no later than 45 days before test date to the CPM	Conditional		Not Started							SERC	DSR
28	AQ	AQ-D2b	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PMLID 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	Conditional	NA	Not Started				SCAQMD			SERC	DSR
29	AQ	AQ-D2c	COM/OPS	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See 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.	8/3/2020	7/15/2020	Completed	NA						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 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.	8/3/2020	NA	Not Started				SCAQMD				

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1	Stanto	n Energ	v Reliab	ility Center Compliance Matrix (16	-AFC-01)					·		Pre- Construction						
2	All Phas							6/30/2040				Construction						
3				Revised 4/30/2019		Based on Final S	Staff Assessment					Commissioning						
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	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
31	AQ	AQ-D2e		Operations Source Test - Owner must conduct air pollutant source tests for SOX, VDC, 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.	source test of the date and time of the scheduled test.	CPM of the date and time of the test at least 10 days prior to the test.	Notify CPM of proposed date and time 10 days prior to test date.	5/25/2020	7/8/2020	Completed	NA NA						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.	5/25/2020	NA	Not Started				SCAQMD			SERC	DSR
33	AQ	AQ-D3a	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for Hill, quaterly during first 12 months of operation and annually after that. See Decision for methods, everaging 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	Conditional		Not Started							SERC	DSR
34	AQ	AQ-D3b	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, wereging 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 night to the proposed source tests.	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to District	Conditional	NA NA	Not Started				SCAQMD	5/16/2020		SERC	DSR
35	AQ	AQ-D3c		NH3 Source Test - Owner must conduct air pollutant source tests for NH ₂ outsirely 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	8/3/2020	7/15/2020	Completed	NA NA						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	8/3/2020	NA NA	Not Started				SCAQMD			SERC	DSR
37	AQ	AQ-D3e	COM/OPS	NHB Source Test - Owner must conduct air pollutant source tests for NH, quarterly during first 12 months of operation and annually after that. See Bedision 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	shall notify the CPM	5/25/2020	7/6/2020	Completed	NA						SERC	DSR
38	AQ	AQ-D3f	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall notify the District and CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	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.	5/25/2020	NA	Not Started				SCAQMD			SERC	DSR
39	AQ	AQ-D3g	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for Ni ₂ 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.		N/A	N/A	Quarterly/Annual		Not Started							SERC	DSR
40	AQ	AQ-D4	COM/OPS	CEMS for CO - Install a CEMS to measure CO concentrations, corrected to 15 percent ongoen, dy basis to demonstrate compliance with BACT limit of 4.0 ppm/d CO at 15% oxygen. See Decision for CO conversion rate formula.	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	NA	Completed							SERC	DSR

A	В	C	D	E	F	G	Н	l I	J	K	0	P	Q	R	S	Т	U
		y Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2 All Phas	es						6/30/2040				Construction						
4			Revised 4/30/2019		Based on Final	Staff Assessment					Operations						
Technica 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 AQ	AQ-D4a	COM/OPS	CEMS for CO - Install a CEMS to measure CO concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmd CO at 15% oxygen. See Decision for CO conversion rate formula.	The project owner shall submit the SCAQMD approved CEMS plan to the CPM within 90 days of SCAQMD approval. The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	4/16/2020	Date Submitted to CPM 1/24/2020	date]) Completed	Date Approved by CPM NA	СВО	СВО	submit to?	to Other agencies	Agencies	Party SERC	Manager DSR
AQ 42	AQ-D4b	COM/OPS	CEMS for CO - Install a CEMS to measure CO concentrations, corrected to 15 percent oragen, dry basis to demonstrate compliance with BACT limit of 4.0 ppm/d CO at 15% oragen. See Decision for CO conversion rate formula.		CEMS Plan / Initial Certification	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	8/25/2020	NA	Completed				SCAQMD	7/4/2020		SERC	DSR
AQ AQ 43	AQ-D5		CEMS for NOx - Install a CEMS to measure NOx concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See Decision for CO conversion rate formula.	operating no later than 90 days after initial start-up of the turbine, and in accordance with an approved CEMS certification application submitted in compliance with AO CFR Part 50 Subpart KKKK and 40 CFR Part 75. The project owner shall not install the CEMS prior to receiving initial approval from SCAQMD.	N/A	The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine	7/15/2020	NA	Completed							SERC	DSR
AQ 44	AQ-D5a		CEMS for NOx - Install a CEMS to measure NOx concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See Decision for CO conversion rate formula.	make site available for inspection	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	4/16/2020	1/24/2020	Completed	NA			SCAQMD	8/26/2019		SERC	DSR
AQ.	AQ-D5b	COM/OPS	CEM for NOs - Install a CEM to measure NOx concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmd COa 15% oxygen. See Decision for CO conversion rate formula.	The project owner shall submit the SCAQMD approved CEMS plan to the CPM within 90 days of SCAQMD approval. The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	CEMS Plan	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	8/25/2020	NA	Completed				SCAQMD	7/4/2020		SERC	DSR
AQ AQ	AQ-D6a	COM/OPS	Meter for NH, Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH,). The flow meter must be accurate to +/5 percent and calibrated annually. Maintain ammonia injection rate between 15 and 200 pounds per hour (except during startups and shutdowns).	Calibrate NH3 Meter	N/A	Prior to first fire	4/6/2020	NA	Completed							SERC	DSR
AQ A7	AQ-D6b	COM/OPS	Meter for NH, Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 15 and 200 pounds per hour (except during startups and shutdowns).	Maintain ammonia injection rate between 15 and 200 pounds per hour (except during startups and shutdowns). Documentation demonstrating compliance in Quarterly Operations Report (AQ-SC7), including table of shutdowns.	Quarterly Operation Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
AQ AQ 48	AQ-D6c		Meter for NH ₃ Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH ₃). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Calibrate NH3 Meter	N/A	Once every 12 months	Annually	NA.	Not Started							SERC	DSR
AQ 49	AQ-D7a	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to 47's percent and calibrated once per 12 months. Maintain SCM/CO catalyst inlet temperature between 60 and 855 degrees F (except during startups and shutdowns).	Calibrate SCR Inlet temperature gauge	N/A	Prior to first fire	4/6/2020	NA	Completed							SERC	DSR

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1	Stanto	n Ene	rgy F	Reliabi	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	es							6/30/2040				Construction						
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
50	AQ	AQ-D78	°b C		SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor intel. Temperature of the 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 SCI/CO catalyst inlet temperature between 450 and 855 degrees F (except during startups and shutdowns).	Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns). The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (Ac-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-D76			SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor inlet. Temperature of the 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 percent and calibrated once per 12 months. Maintain SCIV/CO catalyst inlet temperature between 46° and 85° degrees F (except during starturps and shutdowns).	gauge	N/A	Once every 12 months	Annually	NA	Not Started							SERC	DSR
52	AQ	AQ-D8a	3a C		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. Maintaip 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	NA NA	Completed							SERC	DSR
53	AQ	AQ-D8I	Bb C		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 + 2, 5 percent and callibrated 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
54	AQ	AQ-D8i	BC C	OM/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 212 months. Maintaip 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
55	AQ	AQ-E1			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 Fengre (commission decision for the 16-AFC- oll project. (CA PRC CEQA, 5-12-2017) [Devices subject to this condition: D1, C3, C4, D7, C9,	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	NA	Not Started							SERC	DSR
56	AQ	AQ-E2a			Permit to Construct - The Permit to Construct shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or nules, 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.	Permit to Construct	Permit to Construct extension	Prior to expiration of Permit to Construct		NA	Completed				SCAQMD	15-Oct-19	26-Nov-20	SERC	TLB
57	AQ	AQ-E3	3 C	OM/OPS	Commissioning Hours - Total commissioning hours shall not exceed 300 hours of fired operation for each turbin on the exceed 300 hours of fired operation for each turbin from the date of initial turbine startup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be extended to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	The project owner shall submit all records including the total number of commissioning hours, number of commissioning hours, without control, natural gas feel usage for the pre-catalyst phase, and natural gas fuel usage for the post-catalyst phase per turbine to demonstrate compliance with this condition as part of the Quarterly Operational Report required in AQ-SC7.	Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR

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1 S	tantor	Energ	y Reliak	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						_
	II Phase		,	,	,			6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final :	Staff Assessment					Operations						
T R	echnical 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
	AQ	AQ-E3a	сом	Commissioning Hours - Total commissioning hours shall not exceed 100 hours of fried operation for each turbin from the date of initial turbine startup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioned is completed.	The project owner shall provide the SCAQMD with written notification of the initial startup date of each turbine.	The SCAQMD shall be notified in writing of the initial startup date of each turbine.	2/1/2020	4/16/2020	NA	Completed				SCAQMD	4/17/2020 (Unit 2) 4/20/2020 (Unit 1)		SERC	DSR
58	AQ			CO, Emission Limit - 120 lbs/MMBtu CO, emission limit for non-base load turbines shall apply. Compliance with the 120 lbs/MMBtu CO2 emission limit shall be determined on a 12-operating-month rolling average basis. This turbine shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart TTTT, including applicable requirements for recordiseping and reporting. [40 CFR 60 Subpart TTTT, 10-22-015] [Devices subject to this condition of 10, 10, 71]	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.	Report (AQ-SC7).	than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Not Started	NA						SERC	DSR
60	AQ	AQ-E5	COM/OPS	Storage Tank, Aqueous Ammonia - The project owner shall vent this equipment, during filling, only to the vessel from which it is being filled.	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Conditional	NA.	Not Started							SERC	DSR
61	AQ	AQ-F1	CONS/CON OPS	Air Discharge Limits - Except for open abrasive bilasting operations, the project owner shall not discharge into the atmosphere from any single source of emissions whatsoever any sir contaminant for a period or periods aggregating more than three minutes in any one hour which it: [a] As dark or darker in shade as that designated No. 1 on the Ringelmann chart, as published by the United States Bureau of Minas; (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.	site available for inspection by representatives of the District, California Air Resources Board (ARB), the United States Environmental Protection Agency	NA	N/A	Conditional	NA	Not Started							SERC	DSR
63	AQ	AQ-H1	COM/OPS	NOx CEMS Performance Evaluation - The performance evaluation of the NOx CEMS shall be conducted as part of the initial performance test of the turbine required no later than 180 days after initial start-up by \$60.8, in accordance with the requirements of \$60.4405. The initial performance test of the turbine shall be conducted to demonstrate compliance with the \$60.430 limit of 25.0 ppm NOx at 15% O2, 1-hour averaging, [40.67 60 obspart, 6.2-3016, 40.0F.R6 obspart, 6.2-3016, 40.0F.R6 oSubpart, 6.2-3016, 4	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	No later than 180 days after initial start- up	10/13/2020	NA	Not Started							SERC	DSR
02.	AQ	AQ-H2	COM/OPS	Nox CEMS requirements - The Nox CEMS shall comply with the requirements of conditions 82.2 (AQDS), H23.1 (AQ-H1), and H23.2 (AQ-H2). The project owner shall measure and record SO2 emissions by using the applicable procedures specified in appendix D to Part 75 for estimating hourly SO2 mass emissions, pursuant to 675.11(d)(2). The project owner shall measure and record CO2 emissions by following the procedures in appendix of to Part 75 for estimating daily (CO2 mass emissions, pursuant to 675.10(d)(3)(d) and 575.13(b), [40 CFR 75-Acid Rain CEM, 1-8.2012) (Devices subject to this condition: D1, D7)		N/A	N/A	Conditional	NA	Not Started							SERC	DSR
63	AQ	AQ-H3	COM/OPS	See Decision for rules for additional requirements Refrigerants Requirements - The equipment is subject to the applicable requirements of District Rule 1415. [Devices subject to this condition: E15]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission	N/A	N/A	Conditional	NA	Not Started							SERC	DSR
65	AQ	AQ-H4	COM/OPS	Refrigerants Requirements - This equipment is subject to Rule 40 CFR 82, Subpart F. [Devices subject to this condition: £15]	Commission. 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	NA	Not Started							SERC	DSR
66	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	CPM	No later than 90 days following the source test date	9/2/2020	7/15/2020	Completed	NA						SERC	DSR

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1 St	tantor		y Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
	l Phase:							6/30/2040				Construction						
3				Revised 4/30/2019		Based on Final S	Staff Assessment					Commissioning						
Ħ				NEVISEU 4/30/2015			- I I I I I I I I I I I I I I I I I I I					Operations.						
	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	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	AQ	AQ-K1a	COM/OPS	Source Test Results - The owner must provide source test results to the District 90 days after testing. See the Decision for detailed requirements.	The project owner shall submit the source test results no later than 90 days following the source test date to both the District and CPM.		No later than 90 days following the source test date	9/2/2020	NA NA	Not Started	Sate approved by clim	CSO .	CSC	SCAQMD	to outer agences	Agencies	SERC	DSR
67	AQ	AQ-K2	CONS/COM/ OPS	The project owner shall keep records, in a manner approved by the district, for the following parameter(s) or item(s): For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating, consisting of [o] coating type, [o] VOC content as supplied in grams per liter (g/l) of materials for low-sollds coatings, (c) VOC content as supplied in grams per swart and exempt solvent, for other coatings. For architectural applications where thinners, reducers, or other VOC content as a pelled in grams per liter (g/l) of materials used of now-solids coatings, (c) Coordina daily records for each coating consisting of [o] coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) Coordina as applied in g/l or coating, less water and exempt solvent, for other coatings, IRULE 3004(a)(4) - Periodic Monitoring, 12-12-1997) [Devices subject to this	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	NA	Not Started							SERC	TLB
68	AQ	AQ-SC1	PC	solget to the condition: E14 of Air Quality Construction/Demolition Mitigation Manager (AQCMM) - The project owner shall designate and retain an on-site AQCMM who shall be responsible for directing and documenting compliance with AQ-SC3 AQ-SC4, and AQ-SC5 for the entire project site and linear facility construction.	resume, qualifications, and contact	Resume of AQCMM & AQCMM Delegates	At least 60 days prior to ground disturbance	11/3/2018	11/1/2018 03/27/2019	Completed	11/6/2018 04/03/2019						SERC	GAL
70	AQ	AQ-SC2	PC	Air Quality Construction Miligation Plan - The project owner shall provide an ACLMP, 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
71	AQ	AQ-SC2a	PC	Air Quality Construction Mitigation Plan - The project owner shall provide an ACLMP, 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	NA	Completed				SCAQMD	11/1/2018		SERC	GAL
72	AQ	AQ-SC3		Air Quality Fugither Dust MCR. The AQCMM shall submit documentation to the CPM in each Monthly Compliance Report (MCR) that demonstrates compliance with the following mitigation measures for the purposes of minimizing fugither dust emissions created from construction activities and preventing all fugithe dust pulmer from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM notification and approval. (See Decision for list of items (A through N).	Provide a Monthly Compliance Report to the CPM that summarizes all actions taken to maintain compliance with this condition, including complaints filed with the District and other documentation necessary.	MCR	Monthly, no later than 10 business days	Monthly		In Progress							SERC	GAL
73	AQ	AQ-SC4	CONS	AD Dust Plume Monitoring - The ACLOMM or delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes that have the potential to be transported: (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner, indicate that existing militgation measures are not resulting in effective mitigation. The ACLOMM or delegate shall implement the following procedures for additional militgation measures in the event that such visible dust plumes are observed and shall include a section in the ACLOM detailing how the additional militgation measures will be accomplished within the time limits specified: (See Decision AQ-OS for Steps 1 through 3 for dust plume response)	Provide a Monthly Compliance Report to the CPM that summarizes all actions taken to maintain compliance with this condition, including complaints filed with the District and other documentation necessary.	MCR	Monthly, no later than 10 business days	Monthly		In Progress							SERC	GAL

			y Relial	bility Center Compliance Matrix (16-	-AFC-01)							Pre- Construction						
All	Phase	S						6/30/2040				Construction						
4				Revised 4/30/2019		Based on Final S	taff Assessment					Operations						
Te Re	chnical source	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 Submitted to	Date Approved by CBO	Other Agencies to	Date Submitted	Date Approved by Other	Responsible	SERC Project
M	AQ	AQ-SCS	CONS	the following mitigation measures for purposes of controlling diesel construction related emissions. Any deviation from the following mitigation measures shall require prior CPM notification and approval. (See Decision AQ-SCS for items A through F).	summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during	MCR	Monthly, no later than 10 business days	Monthly	Date submitted to CPM	datel) In Progress	Date Approved by CPM	CSO	CSO	submit to?	to Other agencies	Agencies	Party SERC	Manager GAL
76	AQ.	AQ-SC6a	CONS/CON OPS	provide the CPM copies of any District-issued project air permit for the facility. The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any	five working days of either: 1) 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		Not Started							SERC	GAL
76	AQ.	AQ-SC6b	CONS/CON OPS	M Submit Modified Air Permit - See AQ-SCGa	Submit modified permit to CPM	The project owner shall submit any project air permit and any proposed air permit modification to the CPM within five working days of its submittal either by 2) receipt of proposed modifications from an agency.	Within 5 working days of proposing permit modification.	Conditional		Not Started							SERC	GAL
75	AQ	AQ-SC6c	CONS/CON OPS	A// Submit Modified Air Permit - See AQ-SC6a	Submit modified permit to CPM	The project owner shall submit all modified air permits to the CPM.	Within 15 days of receipt	Conditional		Not Started							SERC	GAL
18	AQ	AQ-SC7	COM/OPS	following the end of each calendar quarter. Operational and emissions information as necessary to demonstrate compliance with the Conditions of Certification herein	the CPM Quarterly Operation Reports, following the end of each		Quarterly, no later than 30 days following the end of each calendar quarter	Quarterly	7/28/2020	In Progress							SERC	DSR
19	AQ	AQ-SC7a	COM/OPS	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	Reports to the District,	Quarterly, no later than 30 days following the end of each calendar quarter	Quarterly	NA	Not Started				SCAQMD				
80	BIO	BIO-1a	PC	shall assign at least one Designated Biologist to the project. The project owner shall submit the resume of the proposed Designated Biologist, with at least three references and contact information, to the Energy Commission compliance project manager (PM) for approval. The Designated Biologist must meet the minimum qualifications (1) through (3) in this condition	The specified information shall be submitted at least 75 days prior to the start of pre-construction site mobilization activities. No pre-construction site mobilization activities. No pre-construction site mobilization or construction-related activities shall commence until an approved Designated Biologist is available to be on site.	DB Resume	At least 75 days prior to the start of pre- construction site mobilization activities.	10/19/2018	9/27/2018	Completed	10/17/2018						JACOBS	GAL
	BIO	BIO-1b	PC/CONS	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	If a Designated Biologist is replaced, the specified information for the proposed replacement must be submitted to the CPM at least ten working days prior to the termination or release of the preceding Designated Biologist.	DB Resume	Notify CPM 10 working days in advance of replacing DB.	Conditional		Not Started							JACOBS	GAL

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			y Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	S						6/30/2040				Construction						
4				Revised 4/30/2019		Based on Final	Staff Assessment					Commissioning Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
82	BIO	BIO-2a	CONS	Designated Biologist Duties - The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, pround disturbance, grading, construction, operation, closure, or restoration activities. The Designated Biologist may be assisted by the approved Biological Monitor(s) but remains the contact for the project owner and CPM. The Designated Biologist duties shall include the following: (See Decision for Items 1-10)	The Designated Biologist shall submit in the monthly compliance report to the CPM copies of all written reports and summaries that document construction activities that have the potential to affect biological resources.	Reports and summaries in the Monthly Compliance Report.	Monthly	Monthly		In Progress							SERC	GAL
83	BIO	BIO-2b	OPS	Designated Biologist Duties - The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, pround disturbance, grading, construction, operation, closure, or restoration activities. The Designated Biologist may be assisted by the approved Biologistal 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.		Annual Compliance Report	Conditional		In Progress							SERC	GAL
84	BIO	BIO-3a	PC	Biological Monitor Selection - The project owner's Designated Biologist shall submit the resumes, at least references and contact information, of the proposed Biological Monitors to the CPM for approval.	Submit the specified information to the CPM for approval no less than 30 days prior to the start of any pre-construction site mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	BM's Quals	At least 30 days prior to the start of pre- construction site mobilization.	1/5/2019	11/1/2018	Completed	11/14/2018						JACOBS	GAL
85	BIO	BIO-3b	OPS	Biological Monitor Selection - The project owner's Designated Biologist shall submit the resumes, at least 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		OPS	Designated Biologist and Biological Monitor Authority. The project owner's construction/operation manager shall act on the advise of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources conditions of certification. If required by the Designated Biologist and Monitor(s) the project owner's construction/operation manager shall half at site mobilization, ground disturbance, grading, construction, and operation activities in marse 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
87	BIO	BIO-4b	CONS/COM OPS	Designated Biologist and Biologisal Monitor Authority- the project owners' construction/poreation manager shall act on the advise of the Designated Biologist and Biologisal Monitor(s) to ensure conformance with the biological resources conditions of certification. If required by the Designated Biologist and Monitor(s) the project owner's construction/operation manager shall half site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Siologist, the Designated Siologist. The Designated Siologist shall (paraphrase) have the authority to stop construction and notify the CPM of the work stoppage.	Ensure that the DB or BM notify the CPM or an oncompliance 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

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1 S	Stantor	n Energy		oility Center Compliance Matrix (16-	-AFC-01)							Pre- Construction						
2 A	All Phase	s				1		6/30/2040				Construction						
4				Revised 4/30/2019		Based on Final S	staff Assessment					Commissioning Operations						
T R	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 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
88	BIO	BIO-5a	PC	Resources - The project owner shall develop and implement a project-specific Worker Environmental Awareness Program (WEAP) and shall secure approval for the WEAP from the CPM in consultation with USFWS and CDFW. The WEAP shall be administered to all onsite	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		BIO-5a	Workers sign training acknowledgement forms and receive a hardhat sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	hat stickers	Kept on file for six months after commercial operation begins	12/29/2020	NA.	In Progress							ARB	GAL
91	BIO	BIO-5d	CONS/OP	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 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/CON 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	Annually	NA.	Not Started							SERC	DSR
93	BIO	BIO-6a	PC	Biological Resources Mitigation Implementation and Management Plans (BMMP) - The project owner shall develop a BRMMP and submit two copies of the proposed BRMMP to the CPM (for review and approval) and to CDPW and USFWs (for review and approval) and to CDPW and USFWs (for review and comment, if applicable, and shall implement the measures identified in the approved BSMMP. The BRMMP shall be prepared in consultation with the Designated Biologist and shall identify (tems (1) through (1.4) (See Decision for the listed items).		Draft SRMIMP	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/ 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		Not Started							JACOBS	GAL
34	BIO	BIO-6c	PC/CONS	Modifying the BRMIMP - The project owner shall notify the CPM no less than 5 working days before implementing any modifications to the approved BRMIMP to obtain CPM approval.	Notify the CPM in 5 working days. Any changes to the approved BRMIMP must also be approved by the CPM in consultation with appropriate agencies to ensure no conflicts exist.	Modifications to approved BRMMP	Notify CPM no less than 5 working days before implementing the modifications	Conditional		Not Started							SERC	GAL
96	BIO	BIO-6d	CONS	BRMIMP Monthly Compliance Report - See BIO-Sa. Implementation of BRMIMP measures shall be reported in the monthly compliance reports by the Designated Biologist (i.e., survey results, construction activities that were monitored, species observed).	Document compliance in MCR	MCR	Monthly	Monthly		In Progress							SERC	GAL

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1	Stanto	n Energ	y Reliabi	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	es				ı		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	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
97	BIO	BIO-6e	CONS	BRMIMP Construction Closure Report - See 810-6a. Provide a written Construction Closure Report identifying which terms of the BRMIMP have been completed, a summary of all modifications to the mitigation measure made during the project's site mobilization, and ground disturbance, grading, and construction phases, and which mitigation and monitoring items are still outstanding.	Submit Construction Closure Report to CPM	Construction Closure Report	Within 30 days of construction completion	8/1/2020		Not Started	out application and	COO			out spines	Agentees .	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.	MCR	Monthly	Monthly		In Progress							SERC	GAL
99	BIO	BIO-7b	CONS		All mitigation measures and their implementation methods shall be included in the BRMIMP.		Within 30 days of the completion of construction (CCR), implementation of measures ongoing during construction.	8/1/2020		Not Started							JACOBS	GAL
100	BIO	BIO-8a1		and Minimization Measures for Breeding Birds - Field Notes - Prec on Notes - Prec on Notes - Prec on Struction nest surveys shall be conducted if construction work will occur from Februan 51 sthrough 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 survey in accordance with the following is a brief summany. These includes survey within 500 feet of the project boundary. Two pre-constructions surveys, separated by a 10-day internal. Conduct surveys no more than 14 days before construction surveys no more than 14 days before construction start. One survey within 50 days before construction start. Due survey within 50 days before construction start. Establish buffer zones 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 the biologist(s) conducting the surveys, and the timing of the surveys, and the timing of the surveys.		and USFW3 2 weeks before survey.	2/1/2019 or 2/4/2019 5/8/2019 5/2/2019 For Gas Line: 7/31/19	1/22/2019 2/4/2019 7/3/2019 7/3/2019 7/3/2019 7/3/2019 8/7/2019 8/7/2019 8/21/2019	In Progress	7/3/2019 7/11/2019 8/23/2019			CDPW, USPWS	1/22/2019		JACOBS	GAL
101	BIO	BIO-8a2	CONS	Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds - Field Notes - Pre-construction nest surveys shall be conducted if construction now will obcour from February 15 through August 31 The term "work" shall be defined as all list assessment, pre-construction activities, she enablikation, and ground disturbing construction activities. The Designated Biologist on Biological Monitor shall perform surveys in accordance with the following guidelines: (See Decidino for 8 specific guideline irress the following is a brief summary). These include survey within 500 feet of the project boundary. Two pre-construction surveys, separated by a 10-day interval. Conduct surveys more surveys within 500 feet of the project boundary. Two pre-construction surveys, separated by a 10-day interval. Conduct surveys more surveys within 500 feet of surveys within 500 feet of surveys within 500 feet of section 500 feet surveys within 500 feet of surveys within 50	the biologist(s) conducting the surveys and the timing of the surveys.	Provide field notes to CPM and CDPW within 24 hours of survey.	Provide field notes within 24 hours of survey	1/21/2019 2/1/2019 2/4/2019 2/11/2019 2/11/2019 For Gas Line: 8/19/19	1,72/2019 2/1/2019 5/7/19	Completed	NA.			CDPW, USPWS			JACOBS	GAL
102	BIO	BIO-8b	CONS	Preconstruction Nest Survey Letter Report - (See Decision BIO-8a for specific guideline Rems)	Letter-report to CPM, CDFW, and USFWS describing the findings of the preconstruction nest surveys	Letter report of preconstruction survey findings	Prior to the start of pre-construction mobilization	1/22/2019, 2/2/2019, 2/5/2019 (optional) 2/12/2019 For Gas Line: 8/19/2019	1/28/2019 2/8/2019 2/27/2019 8/16/19	In Progress	NA			CDFW, USFWS	Gas Line: 5/7/19		JACOBS	GAL
103	BIO	BIO-8c	CONS	Implementation of Nest Surveys and Inclusion in BRMIIMP - (See Decision BIO-8a for specific guideline Items)	All impact avoidance and minimization measures related to nesting birds shall be included in the BRMIMP and implemented.	Revised BRMIMP (BIO-6)	After pre- construction nesting surveys	Ongoing	5/7/2019	Completed	NA						JACOBS	GAL
104	BIO	BIO-8d	CONS	Monthly Reporting for Preconstruction Nest Surveys - (See Decision BIO-8 for 8 specific guideline items)	Implementation of the measures shall be reported in the MCRs by the Designated Biologist.	MCR	Monthly	Monthly		In Progress							JACOBS	GAL

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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
105	BIO	BIO-9a	CONS	Jack and Bore Drilling Best Management Practices During construction using lack and bore drilling techniques the Designated Biologist or Biological Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to monitor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including but not limited to: (See Decision for 6 items)	Notify the CPM and CDFW in the event of a frac-out, non-compliance, or halt of jack-and-bore operations.	Notification of a frac- out to CPM and CDFW	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional	9/13/2019	Completed	12/10/2019						SERC	GAL
	BIO	BIO-9b	CONS	Jack and Bore Drilling Best Management Practices -	Notify the CPM and CDFW in the			Conditional		Not Started	NA						SERC	GAL
106				During construction using jack and bore drilling techniques the Designated Biologist or Biological Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to monitor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including but not limited to: (See Decision for 6 items)	event of a frac-out, non- compliance, or halt of jack-and- bore operations.	compliance or a halt of any jack and bore drilling operations to CPM and CDFW and actions being taken to resolve the problem	the incident or Monday morning in case of a weekend											
107	CIVIL	CIVIL-1a	PC/CONS	Drainage Structure Design and Grading Plan - Submit to the CBO for review and approval the design of the proposed drainage structures and the grading plan; an errosion and sedimentation control plan; a construction storm water pollution prevention plan; related calculations and specifications, signed and stamped by the responsible civil engineer; and soils, geotechnical, or foundation investigations reports required by the 2016 CBC.	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	Proposed drainage structures and grading plan	At least 15 days prior to the start of site grading	12/10/2010	NA	otrad		1-1.1: /1/7/2019 PC1 1-1.1 2/6/19 PC2 1-1.1 5/24/19 PC3 1-1.2 1/17/2019 PC1 1-1.2 2/6/19 PC2 1-1.2 5/24/19 PC3 1-1.3 1/17/2019 PC1 1-1.3 2/6/19 PC2	1.1: 2/8/19 (conditional) 1.2: 2/8/19 1-1.0 2/8/19 PC2 1-1.1 6/14/19 PC3 1-1.10 2/8/19 PC2 1-1.2 6/14/19 PC3 1-1.3 2/8/19 PC2 1-1.3 6/14/19 PC3				SERC	TAT
107	CIVII	CIVIL-1b	PC	Erosion and Sedimentation Control Plan - See CIVIL-1a	At least 15 days (as assisted assess	Caratan and	At least 15 days prior	12/18/2018	NA.	Completed		1-1.3 2/6/19 PC2	1-1.4 6/14/19 PC3				SERC	TAT
108	CIVIL	CIVIL-1B	PC	crossion and segmentation Control Plan - See Civil-1a	and E80-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	NA	Completed		1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	IAI
109	CIVIL	CIVIL-1c	PC	Construction Stormwater Pollution Prevention Plan - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Construction Stormwater Pollution Prevention Plan	At least 15 days prior to the start of site grading	12/18/2018	NA	Completed		1/7/2019	2/6/2019				SERC	TAT
110	CIVIL	CIVIL-1d	PC	Related Calculations and Spees Stamped by Civil Engineer - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	and Specs Signed and Stamped by Responsible Civil Engineer	At least 15 days prior to the start of site grading; and notify CPM in MCR following the CBO's approval	12/18/2018	NA	Completed		1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT
111	CIVIL	CIVIL-1e	PC	Solls, Geotechnical, or Foundation Reports - See CiVIL- 1a	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.	Foundation Investigation Reports required by the 2016 CBC	At least 15 days prior to the start of site grading	12/18/2018	NA	Completed		Ongoing	2/8/2019				SERC	TAT
П	CIVIL	CIVIL-1f	PC	Approval of all CIVIL 1a Submittals Noted in MCR - See		MCR	Next MCR after	3/13/2019	3/13/2019	Completed	NA	3/13/19					SERC	GAL
112				CIVIL-1a	that the documents (CIVIL-1a) have been approved by the CBO.		approval by CBO					4/11/19						
113	CIVIL	CIVIL-2a	CONS	Adverse Soll/Geologic Conditions - The resident engineer shall, paropropriets, to pall 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 unforeseer 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.	modified plans, specifications, and	Submit modified plans, specifications, and calculations to CBO	when unforseen adverse soil or geologic conditions are identified by RE	Conditional	NA	Not Started		Conditional					SERC	GAL

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1	Stanto	n Energ	gy Re	liabil	ity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
	All Phase								6/30/2040				Construction						
3			1		Revised 4/30/2019		Based on Final 9	Staff Assessment					Commissioning						
_					Reviseu 4/30/2019								Operations						
5	Technical Resource	Cond. #	Pha		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
114	CIVIL	CIVIL-2b	со	6 6 8 8 8	Adverse Soil/Geologic Conditions - The resident engineer shall, appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, gootechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforessend 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 isobarina paproval from the CBO before resuming earthwork and construction in the affected area.	The project owner shall notify the CPM within 24 hours when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions.	Notify CPM of a work stoppage	Notify within 24 hours	Conditional		Not Started	NA NA						SERC	GAL
115	CIVIL	CIVIL-2c	co	6 6 8 8 8 8	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 expenienced and knowledgeable in the practice of soils engineering, identifies unforeseen where soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the GD based on these new conditions. The project ownershall obtain approval from the GD before resuming aerthwork and construction in the affected area.	Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval	Copy of CBO's approval letter to CPM	Within 24 hours of the CBO's approval to resume work	Conditional		Not Started	NA NA						SERC	GAL
116	CIVIL	CIVIL-3a	со	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Inspections and Discrepancy Reporting—The project owner shall perform inspections in accordance with the 2016 CRC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owners 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 CBO	conformance report to CBO and proposed	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional	NA	Not Started		Conditional					SERC	TLB/TAT
1170	CIVIL	CIVIL-3b	co	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2015 GE.A. If plant is regularing persons, for which a prading permit is required, see Jahil be subject to inspection discount of the second of the plant of the properties of accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CRD, and the CPM. The project owner shall prepare awritten report, with copies to the CRD and the CPM, detailing all discrepancies, non-compliance Items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CPM a non-conformance report (RCR), and the proposed corrective action for review and approval.	conformance report to CPM and proposed	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional		Not Started	NA						SERC	TLB/TAT
118	CIVIL	CIVIL-3c	со	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 GE. All plant stee guarding operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, it the course of inspection, it is discovered that the work is not being performed in scordance with the approved plans, the discrepancies shall be approved immediately to the resident engineer; which is a sufficient of the country of the awritten 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		within 5 days of resolution of non- compliance report	Conditional	NA	Not Started		Conditional					SERC	TLB/TAT
119	CIVIL	CIVIL-3d	co	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2015 GC. All plant size gading operations, for which a grading permit is required, shall be subject to inspection by the GO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance Items, and the proposed corrective action.	the NCR, the project owner shall submit the details of the corrective	Project owner shall submit details of corrective action to CPM	within 5 days of resolution of non- compliance report	Conditional		Not Started	NA						SERC	TLB/TAT

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			Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	es				1		6/30/2040				Commissioning						
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		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
120	CIVIL	CIVIL-3e	CONS	owner shall perform inspections in accordance with the 2016 CBC. All plant site grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the ocurse 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 CPO. The project covener shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	month shall also be included in the following monthly compliance report.	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 erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her are of repossibility was done in accordance with the final approved plans.	CBO's approval of final erosion and sedimentation control and drainage work.	drainage plans with engineer's signed statement (See Decision wording).	Within 30 days of the completion of the erosion and sediment control mitigation and drainage work (or CBO-approved alternative time frame)	9/14/2020	NA	In Progress		Required					POWER	тат
122	CIVIL	CIVIL-4b	CONS	and drainage work, the project owner shall obtain the (SOS'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.	drainage work.	submit copy of CBO's approval to CPM in next monthly compliance report	Upon CBO approval in next monthly compliance report	9/14/2020		Not Started							SERC	GAL
123	сом	COM-1		Unestricted 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 six, related facilities, project-related staff, and the records maintained on-six for the purpose of conducting audits, surveys, inspections, or general or closure-related site visits.	to make unannounced visits at any time, whether such visits are by the CPM in person or through representatives from Energy Commission staff, delegated agencies, or consultants.	NA	Life of the project	Conditional	NA	in Progress		Conditional					SERC	TLB
124	сом		OM/OPS	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 ling_fees.html.	Petition to amend, fees	Life of the project	Conditional	PTA91 - Additional Luydown Area - 5/22/2019 PTA92 - FTA92 - Sociálas Additional Luydown Area - 8/19/2019	In Progress	6/21/2019						SERC	PZC
125	COM	COM-11	PC/CONS/C OM/OPS	Reporting of Complaints, Notices, and Citations - Prior to the start of construction or closure, the project owner shall sand a letter to property owners within one mile of the project, notifying them of a telephone number to contact project representatives with questions, complaints or concerns. If the telephone is not staffed 24 hours per day, in trust include automatic answering with date and time stamp recording. (See Decision COM-11 for specifications).	The project owner shall respond to all recorded complaints within 24 hours or the next business day. The project owner shall post the telephone number onsite and make it easily visible to passersby during construction, operation, and closure. The project owner shall provide the contact	Reports of complaints	Within 5 business days of complaint receipt, and MCR, ACR, or PCR.	Conditional	12/17/2018	Completed	1/17/2019						SERC	GAL
126	СОМ	COM-12a	PC/CONS	Emergency Response Site Contingency Plan - No less than 60 days prior to the start of construction (or other CPM-approved) date, the project owner shall submit, for CPM review and approval, an Emergency Response See Contingency Plan. The Contingency Plan Stall evidence a facility's coordinated emergency response and recovery preparedness for a series of reasonably foreseeable emergency events.	See Decision COM-12 for specifications	Emergency Response Site Contingency Plan	60 days before start of construction	1/21/2019	1/25/2019	Completed	1/29/2019						SERC	TLB

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	All Phase				•				6/30/2040				Construction						
3			-+		Revised 4/30/2019		Based on Final S	staff Assessment					Commissioning Operations						
5	Technical Resource	Conc	d.#	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-	I-12b	COM/OPS	Emergency Response Site Contingency Plan- Subsequently, no less than 80 days prior to the start of commercial operation, the project owner shall update (as necessary) and resubmit the Contingency Plan for CPM review and approval. The Contingency Plan shall evidence a facility's coordinated emergency response and recovery preparedness for a series of reasonably foreseeable emergency events.	See Decision COM-12 for specifications	Updated Emergency Response Site Contingency Plan	60 prior to COD	1/17/2020	11/2/2018 1/25/2019 5/27/2020 6/4/2020	Completed	6/17/2020	CBO	COO	submit to:	to outer agencies	Agenues	SERC	DSR
127	сом				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).	suppression; chemical, gas, or hazmat release; odorous material release; emergency response incident.	Detailed Incident Report	Within 6 business days of the incident	Conditional		Not Started	NA NA						SERC	GAL
129	СОМ	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).	project owner shall start submitting monthly status reports;	monthly status reports	monthly after incident			Not Started							SERC	GAL
1300	СОМ	СОМ	N-14	OPS	Non-Operation and Repair/Restoration Plan No later than two weeks prior to a facility splanned non-operation, or no later than one week after the start of unplanned non-operation, the project comer shall notify the CPM, interested agencies, and nearby property owners of this status. During non-operation, the project 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	NA NA						SERC	DSR
131	СОМ	COM	M-15	OPS	Facility Closure Planning -No less than one year prior to closing, or upon an order compelling permanent closure, the owner shall submit a Final Closure Plan and Cost Estimate.			No less than one year prior to closing, or upon an order compelling permanent closure.	7/1/2039		Not Started							SERC	DSR
132	СОМ				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.	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
1338	СОМ	COM			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 it 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	NA NA						SERC	GAL

		gy Reliak	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
All Ph	ases						6/30/2040				Construction						
1			Revised 4/30/2019		Based on Final S	taff Assessment					Commissioning Operations						
Techni Resou		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 Approved by Other	Responsible	SERC Project
CON	1 COM-4a	PC	Pre-Construction Matrix and Tasks Prior to Start of Construction. Prior to construction, the project owner shall submit to the CPM a compliance matrix including only those conditions that must be fulfilled before the start of construction. The matrix shall be included with the project owner's first compliance submittal or prior to the first pre-construction meeting, whichever comes first, and shall be submitted in a format similar to the description below (See Decision COM-4 for specifications).	Site mobilization and construction activities shall not start until the following have occurred: 1. the project owner has submitted the pre-construction matrix and all compliance verifications per-staining to pre-construction conditions of certifications, per-staining to pre-	Pre-construction matrix and pre-construction verifications	Before site mobilization	10/19/2018	Date Submitted to CPM 9/14/2018	date)) Completed	Date Approved by CPM 10/19/2018	CBO (Ref Only) 1/7/19	CBO 2/1/2019	submit to?	to Other agencies	Agencies	Party SERC	Manager GAL
CON	1 COM-4b	PC	Pre-Construction Matrix and Tasks Prior to Start of Construction. Prior to construction, the project owner shall submit to the CPM a compliance matrix including only those conditions that must be fulfilled before the start of construction. The matrix shall be included with the project owner's first compliance submittal or prior to the first pre-construction meeting, whichever comes first, and shall be submitted in a format similar to the description	Site mobilization and construction activities shall not start until the following have occurred: 2. the CPM has issued an authorization-to-construct letter to the project owner.	Pre-construction matrix and pre- construction verifications	Before site mobilization	12/31/2018	9/14/2018	Completed	10/19/2018	(Ref Only) 1/7/19	2/1/2019				SERC	GAL
CON	1 COM-5a	PC/CONS/G PS	Compliance Matris - 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
CON	COM-5E	PC/CONS/G 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	1/31/2021		In Progress		Annual					SERC	GAL
COM	1 COM-6	PC/CONS	Monthly Compliance Report - The first MCR is due one month following the docketing of the project's Decision unless otherwise agreed to by the CPM. (See Decision COM-6 for specifications).	During pre-construction, construction, or closure, the project 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 5/14/19 6/14/19 7/16/19 8/20/19 9/14/19 10/12/19 11/13/19	In Progress	NA	5/15/19 5/15/19 5/15/19 6/17/19 7/17/19 8/14/19 9/14/19 10/14/19 11/13/19					SERC	GAL
CON		OPS	Annual Compliance Report - After construction is complete, the project must submit searchable electronic ACRs to the CPM, as well as other periodic compliance reports (PCRs) required by the various technical disciplines. ACRs shall be completed for each year of commercial operation and are due each year on a date agreed to by the CPM. Other PCRs (e.g. quarterly reports).	submit annual compliance reports	Submit searchable electronic ACR to CPM, submit PCRs required by the various technical diciplines	Annual Compliance Report	1/31/2021		Not started	NA						SERC	DSR
CON	1 COM-8	PC/CONS/I OM/OPS	Confidential Information - Any Information that the project owner designates as confidential shall be submitted to the Energy Commission's Executive Director with an application for confidentiality, pursuant	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
CON	1 COM-9	PC/CONS/I OM/OPS	Annual Energy Facility Compliance Fee - Pursuant to the provisions of section 2580(E) of the Public Resources Code, the project owner is required to pay an annually adjusted compliance fee.	date the Energy Commission dockets its Final Decision. All subsequent payments are due by	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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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
142	CUL	CUL-1a	PC	Cultural Resources Specialist, Monitors, and Technical Specialist. The project owner shall assign a Cultural Resources Specialist (CRS) and at least one Alternate CRS to the project. The project owner shall submit the resumes of the proposed CRS and Alternative CRS(s), with 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.	CRS & Alternates Resume	At least 75 days prior to the start of ground disturbance, site preparation, or post- certification cultural resources activities.	10/19/2018	9/27/2018 3/6/2019 8/12/19	Completed	10/18/2018 3/11/2019 8/12/19						JACOBS	GAL
143	CUL	CUL-1a	PC	Cultural Resources Specialist, Monitors, and Technical Specialist. The project owner shall assign a Cultural Resources Specialist (CRS) and at least one Alternate CRS to the project. The project owner shall submit the resumes of the proposed CRS and Alternative CRS(s), with 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.	CRS & Alternates Resume	At least 75 days prior to the start of ground disturbance, site preparation, or post- certification cultural resources activities.	10/19/2018	9/27/2018 3/6/2019 6/14/19 7/12/19 8/12/19	Completed	10/18/2018 3/11/2019 8/12/19 10/25						JACOBS	GAL
144	CUL	CUL-1b	CONS	Replacement CRS – See CUL-1a (CUL-1 Section D.2)	The project owner may replace a CRS. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent CRS is proposed to the CPM for consideration.	and contact information of CRS	At least 10 days working days before termination or release of the CRS	Conditional		Not Started	NA						JACOBS	GAL
145	CUL	CUL-1b	CONS	Replacement CRS – See CUL-1a (CUL-1 Section D.2)	The project owner may replace a CRS. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent CRS is proposed to the CPM for consideration.	and contact	At least 10 days working days before termination or release of the CRS	Conditional		Not Started	NA NA						JACOBS	GAL
146	CUL	CUL-1c	PC	Cultural Resources Monitors and Specialists - See Cul- 1a (CUL-1 Section D.3)	The CRS shall provide proof of qualifications for any anticipated CRMs, NAMs, and additional specialists for the project to the CPM.	Qualifications of CRMs and additional specialists	At least 20 days prior to ground disturbance	12/13/2018	11/16/2018 12/7/18 2/24/19 6/20/2019 7/12/19 8/26/19	Completed	12/3/2018 4/29/19 7/18/2019						JACOBS	GAL
147	CUL	CUI-1c	PC	Cultural Resources Monitors and Specialists - See Cul- 1a (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 6/20/2019	Completed	12/3/2018 7/18/2019						JACOBS	GAL
148	CUL	CUL-1d	PC	Native American Monitors - See Cul-1a (CUL-1 Section D.4)	qualified NAM are unsuccessful, the project owner shall inform the CPM.	CPM documenting efforts to obtain services of a qualified NAM	At least 30 days prior to the beginning of post-certification cultural resources field work or construction-related ground disturbance	12/3/2018	11/16/2018	Completed	12/3/2018						JACOBS	GAL
149	CUL	CUL-1d	PC	Native American Monitors - See Cul-1a (CUL-1 Section D.4)	the project owner shall inform the CPM.	CPM documenting	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)	qualifications for additional CRMS or NAMs as needed.	and approval	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)		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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3				Revised 4/30/2019		Based on Final	Staff Assessment					Commissioning						
4	Technical Resource	Cond. #	Phas		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	CUL	CUL-1g	PC	New technical specialist - See Cul-1a - (CUL-1 St D.6)	ction Owner must submit resume(s) of any technical specialist to CPM fo review and approval	Submit resume(s) to CPM	At least 10 days prior to technical specialist beginning task	Conditional	Date Submitted to CPM	datel) Not Started	Date Approved by CPM NA	СВО	СВО	submit to?	to Other agencies	Agencies	Party JACOBS	Manager 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	PC	(CUL-1 Section D.8)	prior to CPM approval of CRS and alternatives unless such activites are approved by the CPM	from CPM	disturbance shall occur without approval	Conditional		In Progress							JACOBS	GAL
155	CUL	CUL-1j	CON	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 furfilled 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	8/1/2020		Not Started							JACOBS	GAL
156	CUL	CUL-2a	PC	Construction Maps and Drawings - Prior to the construction-related ground disturbance, the st each phase, and weekly, provide the CRS with materials described in this condition (See Decision 2). No construction-related ground disturbance occur prior to CPM approval of maps and drawif unless such activities are specifically approved to CPM.	of construction-related ground disturbance, provide the AFC, dat responses, confidential cultural shall resources documents, and the gs, Energy Commission FSA to the	drawings	At least 40 days prior to the start of construction-related ground disturbance	11/23/2018	11/19/2018	Completed	12/3/2018						JACOBS	GAL
157	CUL	CUL-2b	PC/CO	KS Revised Maps and Drawings - Prior to the start construction-related ground disturbance, the st each phase, and weekly, provide the CRS with it materials described in this condition (CUL-2). No construction-related ground disturbance shall op prior to CPM approval of maps and drawings, ur such activities are specifically approved by the C	of construction-related ground disturbance, if there are changes to any construction-related footprint, provide revised maps and drawings for the changes to	Updated maps and drawings	At least 15 days prior to start of construction-related ground disturbance	Conditional		In Progress							JACOBS	GAL
150	CUL	CUL-2c	CON	Construction Phasing - Prior to the start of cons related ground disturbance, the start of each pi weekly, provide the CRS with the materials desc this condition (See Decision CUL-2). No constru- related ground disturbance shall occur prior to approval of maps and drawings, unless such act are specifically approved by the CPM.	ase, and of each phase of a phased project the project owner shall submit the appropriate maps and drawings, i		At least 15 days prior to the start of a construction phase	Conditional		In Progress							JACOBS	GAL
158	CUL	CUL-2d	CON	Construction Schedule - Prior to the start of construction-related ground disturbance, the sach phase, and weekly, provide the CRS with it materials described in this condition (See Decid 2). No construction-related ground disturbance occur prior to CPM approval of maps and drawir unless such activities are specifically approved b CPM.	e and CPM on CUL- shall gs,	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 4	All Phase	S						6/30/2040				Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment					Operations						
T	Fechnical 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	CUL	CUL-2e	CONS	Revised Construction Schedule - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with materials described in this condition (See Theology 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	Date Submitted to CPM	date) In Progress	Date Approved by CPM		СВО	submit to?	to Other agencies	Agencies	Party ARB	Manager GAL
161	CUL	CUL-2f	CONS	Replacement CRS. Prior to the start of construction related ground disturbance, the start of each plaxe, and weekly, provide the CRS with the materials described in this condition (See Decision CIL-12). 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		Not Started							JACOBS	GAL
162	CUL	CUL-3a	PC	Cultural Resources Monitoring and Miligation Plan (CRMMP) - Submit the Cultural Resources Monitoring and Miligation Plan (CRMMP), as prepared by or under the direction of the CRS and as described in this condition (See Decision CUL-3), to the CPM for review and approval. Implementation of the CRMMP shall be the responsibility of the CRS and the project owner. No ground disturbance shall occur prior to CPM approval of the CRMMP shall be 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 CRMM# for the CRS. At least 30 disport to the tstart of ground disturbance, submit the CRMM# 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 CUI-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 Curation Facility. If cultural materials requiring curation were generated or collected, the project owner shall provide to the CPM a copy of an agreement with, or other written commitment from, a curation facility that meets the standards stated in the State Historic Resources Commission's SHRG, Guidelines for the Curation of Archaeological Collections (1993, or future updated guidelines from SHRC, to accept the cultural materials from this project. Any agreements concerning curation will be retained and available for audit for the life of the project.	agreement with a qualified	Written agreement with curation facility	90 days after completion of ground disturbance (including landscaping)	9/30/2020		Not Started							JACOBS	GAL
165	CUL		OPS	Final Cultural Resources Report. The project conver- shall submit the final CMR to the CPA for spproval. He shall submit the final CMR to the CPA for spproval. He shall CMR shall be written by, or under the discission of, the CRS and shall be servicide in the Archerostogelest Resource Management Report LARNRIJ format. The final CMR shall report on all field activities including dates, times and locations, results, samplings, and analyses. All survey reports, DPR 325 forms, data recovery reports, and any additional research reports not previously submitted to the California Historical Resources Information System (CHRIS) shall be included as appendices to the final CRR.	Submit the CRR to the CPM for review and approval.	Cultural Resource Report	Within 30 days of suspension of construction activities (suspended project)	8/31/2020		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, sampling, and analyses. It survey reports, DRR 25 forms, data recovery reports, and any additional research reports not previously submitted to the California Historical Resources Information System (CHRIS) shall be included as appendices to the final CRR.	Submit the CRR to the CPM for review and approval.	Cultural Resource Report	Within 90 days of the completion of ground disturbance (completed project)	8/31/2020		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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5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
168	CUL	CUL-5a	PC	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.		At least 30 days prior to the beginning of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018						JACOBS	GAL
169	CUL	CUL-5b	PC	WEAP training/Training Acknowledgement Form -See Condition CUL-Sa	owner	Training Acknowledgement Form	At least 15 days before the beginning of ground disturbance	12/18/2018	NA	Completed							ARB	GAL
170	CUL	CUL-5c	OPS	WEAP Training Records in MCR - See Condition CUL-Sa	Training Acknowledgement forms of the workers who have comleted training in the prior month.	in MCR and running total of all persons who have completed the training.	Monthly until ground disturbance is completed	Monthly	3/13/19 4/12/19 5/14/19 6/14/19 7/16/19 8/20/19	In Progress	NA						SERC	GAL
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	NA	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.	form and	At least 30 days before the start of ground disturbance.	12/3/2018	NA	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- compilance 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/CON	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)		Conditional		Not Started							JACOBS	GAL
177	CUL	CUL-6g	CONS/CON	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 Monktor (NAM) be employed.	Copy of a request by a Native American Group's request that a Native American be employed and copy of the response letter identifying the Native American monitor to the group.	Within 15 days of receiving a request from a Native American group that a NAM be employed	Conditional	NA	Not Started							JACOBS	GAL

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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	Date Approved by	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
178	CUL	CUL-6h			Cultural Resources Monitoring, Monthly Reports - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	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			Cultural Resources Monitoring, Monthly Reports - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	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	cc	ONS/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	cc	DNS/COM	Cultural Resources Monitoring, Change in Monitoring Level - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for a change in the monitoring level.	Letter or e-mail with justification for changing the monitoring level	At least 24 hours prior to implementing a proposed change in monitoring level	Conditional		Not Started							JACOBS	GAL
182	CUL	CUL-6I	cc	ONS/COM	Cultural Resources Monitoring, Change in Daily Reporting - See Decision CUL-5 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for reducing or ending daily reporting.	Letter or e-mail with justification for changing or ending daily reporting	At least 24 hours prior to reducing or ending daily reporting	8/2/2020		Not Started							JACOBS	GAL
183	CUL	CUL-6m	cc	ONS/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.	or information	Within 15 days of receiving comments from Native Americans	Conditional	2/5/2019 2/15/2019	Completed	NA						JACOBS	GAL
184	CUL	CUI-7a		PC	impacts to such a resource can be anticipated, ground distributions cashill 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. Alternate CRS, and CRMs have the authority to halt ground disturbance in the vicinity of a cultural resource discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 800 AM on Friday.	Letter of confirmation that the CRS, Alexander CRS, and CRMs have authority to hait ground disturbance	At least 30 days prior to the start of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018						JACOBS	GAL

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	Fechnical Resource	Cond. #	Ph		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	/сом	DPR-523 Forms (See Decision CUI-7 for specifications).	Unless the discovery can be treated prescriptively, as specified in the CRMMP, completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval.	Forms DPR 523	No later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/ recovery, whichever the CRS decides is more appropriate for the subject cultural resource.	Conditional		Not Started							JACOBS	GAL
185	CUI	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	NA.						JACOBS	GAI
186				•	for specifications).	that the CRS notifies all Native American groups that expressed a desire to be notified in the event of a discovery of interest to Native Americans, and the CRS must inform the CPM when the notifications are complete.	Americans and notification to CPM when notifications are complete	the discovery of a resource of interest to Native Americans				NA							
187	CUL	CUL-7d		•	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 charipersons 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.	letters to Native American tribes and copies of letters of subsequent responses to Native American requests	No later than 30 days following the discovery of any Native American cultural materials	Conditional		Not started							JACOBS	GAL
188	CUL	CUL-7e	CONS		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
100	CUL	CUL-8a	cc		less-than-five-year-old surveys of these sites for	The owner shall notify the CRS and CPM and provide documentation of previous archaeological survey, if any, dating within the past five years, for CPM approval.	Notification to the CPM of the use of a non-commercial borrow site and documentation of previous archaeological survey.	As soon as the project owner knows that a non-commercial borrow site will be used	3/28/2019	3/28/2019	Completed	3/29/2018						JACOBS	GAL
190	CUL	CUL-8b	cc		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	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	cc		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	the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LDBs, and shall send the CPM a	Design plans, specifications, and calculations and calculations and compliance statement to CBO with copy to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction	Ongoing		in Progress		1-1.0: 1/23/19 1-2.0: 2/4/2019 1-3.0: 1/23/19 1-4.0: 1/23/19 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: 3/23/19 1-10.0: 5/20/19 1-11.0: 1-12.0: 5/20/19 1-13.0 7/24/19 51-013 PCI 1-13.0 7/26/19 51-014 PCI	1-10: 5/3/19 1-2:0: 2/15/19 1-3:0: 2/6/2019 1-4:0: 2/8/19 1-5:0: 3/14/19 1-6:0: 4/5/19 1-7:0: 3/20/19 1-8:0: 6/3/19 1-10: 4/16/19 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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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	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		DNS/COM	Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design changes included to the project. The project control of the project is a start 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) Certificate of Occupancy - The project owner shall design, construct, and inspect the project in accordance	approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report. The project owner shall submit to the CPM a statement of	Report, Include: receipt or delay of major equipment, testing or energing 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 Statement of verification signed by verification signed by	Within 30 days following receipt of	Monthly	3/13/19 4/11/19 5/14/19 6/14/19 7/17/19 8/14/19 9/15/19 10/14/19 11/14/19 12/15/19	In Progress Not started	NA NA	Operations					SERC	TAT
193					with the 2016 California Building Standards Code (CBSC), also known as Title 42, California Code of Regulations, which encompasses the (see Decision for list of codes), and all other applicable engineering 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 enforced during the construction, addition, alteration, moving (nostle), demolition, repair, or maintenance of the completed facility, in the event that the initial engineering designs are submitted to the CBO when the successor to the 2016 CBSC in effect, the 2016 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specific different materials, methods of construction or other requirement, the most restrictive shall govern. Where there is a conflict between a general requirement shall govern. The project owner shall ensure that all contracts with contractors, on the code specific requirement shall govern. The project owner shall ensure that all contracts with contractors, on the code specific requirement shall govern. The project owner shall ensure that all contracts with contractors, on the code specific requirement shall govern. The project owner shall ensure that all contracts with contractors, owner shall ensure that all contracts with contractors, and the code specific requirement shall govern. The project owner shall ensure that all contracts with contractors, and the code specific requirement shall govern. The project owner shall ensure that all contracts with contractors and the code specific requirement shall govern.	responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design.	the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design to CPM	the certificate of occupancy from CBO											
194	GEN	GEN-1b	o ccc		design, construct, and inspect the project in accordance with the 2016 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the (see Decision for list of codes) and all other applicable engineering (105h 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	verification, signed by the responsible design engineer, attesting that all designs,	A copy of the Certificate of Occupancy to CPM	Within 30 days. following receipt of the certificate of occupancy from CBO	8/31/2020		Not Started	NA NA						SERC	GAL

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5	Technical Resource	Cond. #		Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	GEN	GEN-10	.c	OPS	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 (nosite), demoition, repair, or maintenance of the completed facility. In the event that the initial engineering designs are submitted to the CBO when the successor to the 2016 CBSC is in effect, the 2016 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where	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, demoliton, repair, or maintenance of completed facility	Inform the CPM within 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Conditional		Not Started							SERC	DSR
195	GEN	GEN-2a	12	PC	there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above. Schedule of Drawings, Master Drawings, Specification	At least 60 days for a project	Schedule. Master	At least 60 days prior	11/3/2018	11/2/2018	Completed	11/20/2018	2 1 Undated School	2.1 Approved				POWER	TAT
196					Lists - Before submitting the initial engineering designs for COP creekey. Provide the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list, as specified in this condition (See Decision GEN-2). The schedule shall contain the date of each submittal to the CBO. To facilitate audits by Energy Commission staff, provide specific packages to the CPM upon request.	owner- and CBO-approved sternative 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 ist of documents to be submitted to the CBO for review and approval. These documents shall be the pertinent design documents for the major structures, systems, and equipment defined in this condition. Major structures and equipment shall be added to or deleted from the list only with CPM approval.	Drawings & Specifications Lists	to the start of rough grading.				may and CVAID	2.1 Opaled Science of Dwgs, Equip & Sub1/18/2019	1/23/19					
197	GEN	GEN-2b	b I	PC/CONS	Updates to Drawings and Lists - See GEN-2a	Provide Updates to Schedule of Drawings and Specification Lists updates in the MCR	Schedule updates	Monthly	Monthly		In Progress		1/18/2019	1/23/2019				SERC	GAL
198	GEN	GEN-32		ОМ	Payment of CBD - Make payments to the CBO (made to the Energy Commission) for design review, plan checks, and construction inspections and other applicable CBO activities, based on a reasonable fee schedule to be negotiated between the project owner and the CBO. If the Energy Commission delegates the CBO function to a third party or local agency, the project owner, at the Energy Commission's direction, shall make payments directly to the CBO Dased 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, adjustments, may be based on the value of the facilities reviewed; may be to sherwise 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	NA	In Progress		Monthly					SERC	RRF/JLJ
199	GEN	GEN-3t	Pi Pi		Payment of CBO - Make payments to the CBO (made to the Energy Commission) for design review, plan check; 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 gapero, the project owner, at the Energy Commission's direction, shall make payments directly to the CBO Dased 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, adjustment; may be based on the value of the facilities reviewed; may be absed on how have 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 CBO's Receipt of Payment with the MCR	Monthly	Monthly		In Progress							SERC	GAL

	A	В	C	D	E	F	G	Н		J	К	0	P	Q	R	S	Т	U
1	Stanto	n Energy	, Reliab	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	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
200	GEN	GEN-4a	PC	Resident Engineer - Prior to the start of rough grading, assign a California - registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project. The RE or highter delegate(s) shall be reasponsible 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	NA NA	COO		Julia Co.			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	Completed	NA						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	NA	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	Completed	NA						SERC	GAL
20.6	GEN	GEN-Sa	PC	Registered Engineers: -Prior to rough grading and prior to construction, saign at least one of each of the California registered engineers listed in this condition (See Decision GR4-5) to the project. The duties of the engineers are outlined in this condition. These include chief engineers are outlined in this condition. These include chief engineers (signectechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	rough grading or the start of	Engineer Resumes and registration number for Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist	At least 30 days prior to the start of rough grading	12/3/2018	NA	Completed		Power: 12/26/2018 Jacobs: 1/16/2019 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 3/4/2019				SERC	TLB
205	GEN	GEN-5b	PC	Approval of Responsible Engineers - See GEN-5a	Notify the CPM of the CBO's approvals of the Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist within five days of the approval.	Notification to CPM	Within 5 days of the approval	12/8/2018	1/18/2019 4/11/2019	Completed	NA						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 Self-3) to the project. The duties of the engineers are outlined in this condition. These include cities lengineers, this (patcetchical) engineers, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineers.	At least 30 days for project owner- and C8O-approved alternative time framel prior to the start of rough grading or the start of construction, submit to the C8O 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	NA	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	NA						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	Submit names and qualifications of certified special inspectors to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing	NA	In Progress		PC1: 1/16/19 PC2: 1/28/19 6-1.1.0 8/15/19 6-2.1.6 8/16/19 6-3 10/14/19 6-4.0 PC1 12/12/19	PC1: 1/17/19 PC2: 1/29/19 6-3 10/16/19 6-3 10/16/19 6-1.1.0 8/16/19 6-4.0 PC1 12/17/19				ARB	TLB

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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						Based on Final S						Commissioning						
4				Revised 4/30/2019		Based on Final S	tarr 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
211	GEN	GEN-6aa	CONS	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)	CBC.	Copy to the CPM the names and qualifications of certified special inspectors submitted to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing		In Progress								TLB
212	GEN	GEN-6b	CONS	Approval of Inspectors - See GEN-6a	Submit a copy of the CBO's approval of inspectors	Submit copies of CBO approvals in the MCR	Monthly	Monthly		In Progress							ARB	TLB
213	GEN	GEN-6c	CONS	Reassignment of Inspectors - See GEN-6a	Notify the CPM and CBO if a designated special inspector is reassigned or replaced.	Names and qualifications of certified special inspectors to the CBO for approval	Within 5 days of re- assignment	Conditional		Not Started		Conditional						TLB
214	GEN	GEN-6d	CONS	Approval of Replacement Inspectors -See GEN-6a	Notify the CPM of the CBO's approvals of the new special inspectors within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional		Not Started	NA						ARB	TLB
215	GEN			the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition of certification and, if appropriate, applicable sections of the CBC and/or other LORS.	Transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the monthly compliance report.	Copy of CBO's approval in the MCR	Monthly	Monthly		Not Started		Monthly					SERC	GAL
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	NA						SERC	GAL
217	GEN	GEN-8a	CONS	CBO inspection and Approval - The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site, or at another accessible location, during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-bulls shall be provided to the CBO for retention by the CPM.	The project owner shall submit to the CBO, with a copy to the CPM in the next monthly compliance report, After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	Submit to the CBO a written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved plans.	Within 15 days of the completion of any work	Conditional	. NA	In Progress		Required					SERC	GAL
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 undergrowed of Selegian review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted CBO to inspect the completed structure and review the submitted CBO and a submitted occuments. The project owner shall notify the CBO sinal approval. The project owner shall retain one set of approved engineering plants, specifications, and calculations (including all approved changes) at the project site, or at another accessible location, unduring the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-built shall be provided to the CBO for retention by the CPM.	The project owner shall submit to the CBO, with a copy to the CPM in the next monthly compliance report, After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	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	submit a letter to the CPM .	Letter stating both that the documents have been stored and the storage location of those documents.	After storage is in place	Conditional		Not started							SERC	GAL
220	GEN	GEN-8c	CONS	Plan and Specification Archive Copies- See GEN-8a	The project owner shall provide to the CBO three sets of electronic copies of the engineering plans, specifications, and calculations at the project owner's expense.	"Read only" (Adobe .pdf 6.0 or newer version) files, with restricted (password- protected) printing privileges, on archive quality compact discs.	Within 90 days of the completion of construction	10/30/2020	NA.	Not Started		Required					SERC	TAT

	A	В		С	D	E	F	G	Н	1	J	K	0	Р	Q	R	S	Т	U
1	Stanto	n Ene	rgy F	Reliabi	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	Staff Assessment					Commissioning						
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	Date Approved by Other Agencies	Responsible Party	SERC Project
221	GEO	GEO-1		РС	Solls Engineering Report - A Solls Engineering Report, as required by Section 1830 of the California Building Code (CBC, 2016), or its successor in effect at the time construction of the project commence, shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity, liquefaction; dynamic compaction, compressible soils; corrosise soils; and ground rupture due to faulting. In accordance with the CBC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potential geologic hazards, if present). In accordance with the California Business and Professions Code, the appropriate qualified California licensed individual(s) is required to sign and seal the Soils Engineering Report.	the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils: and ground rupture due to faulting, and a summary of how the results of the analyses were incorporated into the project 5 foundation and grading plan design for review and comment by the delegate chief building official (EQD). The project owner shall provide to the CPM a copy of the Soils Engineering Report, application for grading permit and any comments by the CBO at least 60 days prior to grading.	Soils Engineering Report, application for grading permit to CBO for comments	90 days before grading	11/3/2018	NA	Completed		1-1.0: 1/7/19 1-4.0:1/7/19	1-1.0: 2/1/19 1-4.0: 2/1/19				NV5	тат
2222	GEO	GEO-1	tb	PC	Solls Engineering Report - A Solls Engineering Report, as required by Section 1803 of the califorms Building Code (CBC, 2016), or its successor in effect at the time construction of the project commences, shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity, liquefaction; dynamic compaction; compressible soils; corrosive soils; and ground rupture due to faulting. In accordance with the CBC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potential geologic hazards, if present). In accordance with the California Business and Professions Code, the appropriate qualified California licensed individual(s) is required to sign and seal the Soils Engineering Report.	the 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	12/5/2018	11/2/2018	Completed	11/26/2018						SERC	GAL
223	HAZ	HAZ-1	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).	the COM, in the Annual Compliance Report, the Hazardous	Materials Business	Annual Compliance Report	1/31/2021		Not Started							SERC	DSR
224	HAZ	HAZ-2	≥a	CONS	MMBP and SPCE - The project owner shall concurrently provide a Hazardows Materials Business Plan (FMMP) a. Spill Prevention Control and Countermeasure Plan (RMP) to the (SPCC), and a Risk Management Plan (RMP) to the Orange County Farriormental 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 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	HMBP, SPCC and RMP to CPM for review	Approximatly 60 days before receiving hazardous materials on site	7/20/2019	8/2/2019	Completed	9/12/2019 10/14/19	1-1.0 8/6/19 PC1 2-3.0 8/6/19 PC1	10/16/2019				SERC	DSR
2224	HAZ	HAZ-2a	aa	CONS	IMMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (RMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Furromentral Health Division (OCEH) 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.	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	NA	Completed				OCEHD	8/2/2019			

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T.	Stanto	n Fnerø	v Reliah	oility Center Compliance Matrix (16-	-AFC-01)				·			Pre- Construction				-		
1	All Phase		, nenac	The second compliance matrix (10		l	-	6/30/2040				Construction						
3								.,.,				Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment			1		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
226	HAZ	HAZ-2ab	CONS	Final HMBP and SPCC - The project owner shall concurrently provide a hazarous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Mazarous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	the CPM for approval.	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 Forwionmental Health Division (CEHD) 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	NA	Completed				OCEHD	9/24/2019	7-Nov		
228	HAZ	HAZ-2b	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Unified Program Agency (the Orange County Environmental Health Division)	At least 30 days before delivery of aqueous ammonia on site	7/29/2019	10/25/2019	Completed	11/12/2019						SERC	DSR
229	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County, Environmental Health Division) for information and to the CPM for approval.		At least 30 days before delivery of aqueous ammonia on site	10/20/2019	NA	Completed		10/24/2019	10/16/2019				SERC	DSR
220	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to CUPA for information	At least 30 days before delivery of aqueous ammonia on site	10/20/2019	NA.	Completed				OCEHD	10/24/2019	7-Nov		
23	HAZ	наz-3	CONS/COM	Aqueous Ammonia Safety Management Plan - The project owner shall develop and implement a Safety Management Plan - The project owner shall develop and implement a Safety Management Plan for deliveney of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain lockout control by a power plant employee not involved in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a Safety Management I Plan as described above to the CPM for review and approval.	Safety Management Plan to CPM	At least 30 days before delivery of any liquid hazardsus material to the facility	10/20/2019	9/27/2019	Completed	10/10/2019						SERC	DSR

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Г	Stanto	n Energy	v Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase		,	The second secon	1002,	!		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		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
232	наг	HAZ-3a	CONS/COM	Aqueous Ammonia Safety Management Plan - The project cowner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by Insher 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 plante mixpleye 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 deleney of any liquid hazardous material to the facility, the project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	Safety Management Plan to CBO	At least 30 days before delivery of any liquid hazardous material to the facility	9/1/2019	NA	Completed		9/30/2019	10/15/2019				SERC	DSR
233	HAZ	HAZ-4	CONS	Ammonia Storage Tank Design - The aqueous ammonia storage facility shall be designed not be ASME Code for Unified Pressure Vessels, Section VIII, Division I. The storage tank silvab be protected by a secondary containment that drains to an underground vault via (3) 1.25 square foot openings capable for Hodding 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 leave for soot 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 (BO 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 tanker truck transport vehicles that meet or exceed the specifications of MC-307/DOT-407.	copies of the notification letter to	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	HaaMat Transport Route Restrictions - Prior to initial delinery, the project owner shall circ twendors delivering bulk quantities (-800 gallons per delivery) of hazardous material (e.g., apeeus ammonia, lubricating and insulating oils) to the site to use only the route approved by the CPM (from State Route 91, exiting on Beach Boulevard and travelling south to fatella Avenue, then east on Katella Avenue and tune left and head north on Dale Avenue to the Stanton entrance). The project owner shall obtain approval of the CPM if an alternate route is desired.	The project owner shall submit a copy of the letter containing the router estriction directions that were provided to the hazardous materials wendor 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
234	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
۵۵۰	HAZ	HAZ-7	PC	Construction Site Security Plan - Prior to commencing construction, a site-specific Construction Site Security Plan for the construction plans shall be prepared and made available to the CPM for review and approval. (See Decision HAZ-7 of six Items/specifications).	commencing construction, notify the CPM that a site-specific	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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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
	HAZ	HAZ-8a	C	·	Operations Site Security Plan - The project owner shall also prepare a list-specific security plan for the commissioning and operational phases that would be available to the CPM for review and approval. The project owner shall implement site security measures that address physical aits security and hazardous materials storage. The level of security to be implemented shall not be less than that described obelow days en PKRF Security Guideline for the Electricity Sector: Physical Security V2.0]. See Decision HAZ-8 for nine terms/specifications.	The project owner shall notify the CPM that a site-specific operations site security plan is available for review and approval.		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
238																			
22.64	HAZ	HAZ-8b	b		Operations Site Security Plan - The project owner shall also prepare a site specific security plan for the commissioning and operational phases that would be available to the CPM for review and approval. The project owner shall implement site security measures that address physical site security and hazardous materials storage. The level of security to be implemented shall not be less than that described below (as per NERC Security Guideline for the Electricity Sector: Physical Security V.2.0). See Decision HAZ-8 for nine items/specifications.	Project Owner shall include signed statements similar to Attachment A and Attachment B that all current project employee and appropriate contractor background investigations have been performed, and that updated certification statements have been appended to the operations security pain in Annual Compliance Report. Project Owner shall include a signed statement similar to Attachment C that the operations security plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations	similar to Attachment A, Attachment B, and Attachment C	Annual Compliance Report	1/31/2021		Not Started	NA.						SERC	GAL
240	HAZ	HAZ-9	0		Fuel Gas Pipe Cleaning - The project cowner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve "Hammableg as blows" where natural (or flammable) gas is used to blow out debris from piping and then vented to atmospherie are method involving a non- linatural place in the properties of the properties of flammable gas (e.g. air, introgen, steam) or mechanical pigging, shall be used as per the latest edition of NFPA Sc, Standard for Fire and Explosion Prevention during cleaning and Purging of Flammable Gas Piping Systems. A written procedure shall be developed and implemented as per NFPA S6, section 4.4.1.	The project owner shall submit a copy of the Fuel Gas Pipe Cleaning Work Plan Ias 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 pressurization, and whether a mechanical Plav will be used, to the CBO for information and to the CPM for review and approval.	Work Plan	At least 30 days before any fuel gas pipe cleaning activities begin	11/27/2019	12/15/2019	Completed	12/19/2019	12/15/2019	12/31/2019				SERC	DSR
241	месн	MECH-1	ia		the proposed final design, specifications, and calculations for each plant major piping and plumbing system listed in the CBO-approved master drawing and master specifications list. The submittal shall also include the applicable quality assurance/ quality control	approval the final plans,	specifications, and calculations and certification of compliance to CBO for review and approval	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any priority of the start of any priority of the start of any priority of the start of any priority of the start of any priority of the start of any priority of the start of any priority of the start of any priority of the start of any priority of the start of any priority of the start of the st	Ongoing	NA NA	In Progress		1.1: 2/8/2019 1.2: 2/8/19 1.3: 2/11/19 1.4: 3/1/19 1.5: 4/4/19 1.6: 6/10/19 1.7: 6/20/19 1.7: 6/20/19 1.4: 0.5/31/19 1.6: 0.5/31/19 1.6: 0.5/31/19 1.6: 0.5/31/19 1.6: 0.5/31/19 1.6: 0.5/31/19 1.6: 0.5/31/19 1.6: 0.5/31/19	1.1: 2/26/19 1.2: 5/16/19 1.3: 5/7/19 1.4: 3/11/19 1.6: 5/10/19 PC1 1.6: 6/25/19 PCF 1.7/16/19 PCF 1.6: 6/19/19 PCI				Power	TAT

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5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		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	CONS	include the applicable quality assurance/ quality control (QM/QC) procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the (EOS) in spection 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, ordinance, 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		the CBO and California Occupational Safety and Health Administration (Ca-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 impection of that installation. (See Decision MECH-2 for additional specifications).	approval, the above listed documents, including acopy of the 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 submit to the	11/9/2019	NA.	Completed		9/27/2019	2-1.0 PC1 10/16/19 4/17/2020				Power	TAT
245	MECH	MECH-2b	CONS	Administration (Cal-OSHA), prior to operation, the code	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 of the Design	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	NA NA							
246	MECH	MECH-2c	CONS	CBO and Cal-OSHA Inspections and Approvals, Pressure Vessels, MCR - See MECH-2a	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals.	Transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals	Monthly	Monthly		Not Started							SERC	GAL

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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	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
247	MECH	МЕСН-За	PC/CONS	HMAC Plans - The project owner shall submit to the EBO 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 quest, 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	At least 30 days (nar project owners) and CBO-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system	10/7/2019	NA	Completed		3-1.0 7/10/19 PCI 3-1.1 7/10/19 PCI 3-1.2 7/10/19 PCI 3-1.3 7/10/19 PCI 3-1.4 7/10/19 PCI 3-2.0 7/16/19 PCI 3-2.1 7/10/19 PCI 3-2.2 7/16/19 PCI 3-2.3 4/2/19 PCI 3-2.5 4/4/19 PCI					SERC	JBM
248	месн	MECH-3b		HWAC Plans - The project owner shall submit to the GB 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	PC	Public Notification Process - Prior to the start of ground disturbance, the project owner shall notify all residents within one mile of the project store 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, 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 passerably. This telephone number shall be maintained until the project has been operational for at least one year.	The project owner shall transmit to the CPM a statement, signed by the project owner's project manager, stating that the notification to residents within one mile of the project has been performed, and describing the method of that notification.	Public notice to residents	At least 15 days prior to the stant 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		12/18/2018	12/17/2018	Completed	12/21/2018						SERC	GAL
251	NOISE		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.	Complaint Resolution Form that documents the resolution of the complaint.	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	4/9/2019	4/9/2019	Completed	4/9/2019						SERC	GAL
252	NOISE		CONS/COM/ OPS		If mitigation is required to resolve the complaint, and the complaint is not resolved within three business days, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	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. Make the program available to Cal- OSHA upon request.		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 IT1 and 43 dBA measured at monthoring location IT2. 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	9/3/2020	NA	Not Started							Innova	DSR

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	echnical 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
255	NOISE	NOISE-4b	COM/OPS	Noise Survey Summary Report - See NOISE-4a	Prepare a summary report of the operational noise survey for submittal to the CPM. Included in the survey report shall be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures.	Summary report of the operational noise survey to the CPM	Within 15 days after the survey	9/18/2020		Not Started							Innova	DSR
256	NOISE	NOISE-4c	COM/OPS	Revised Noise Survey Summary - See NOISE-4a	When the additional mitigation measures are implemented and in place, the project owners shall repeat and prepare a new summary report of the new survey.	Summary report of the new noise survey	Within 15 days of completing a new survey	Conditional	NA.	Not Started							Innova	DSR
257	NOISE	NOISE-5	COM/OPS	Occupational Noise Survey. Following the project's attainment of a sustained output of 85 percent or greater of its rated capacity, the project owner shall conduct an occupational noise survey to identify any noise hazardous areas within the power plant. The survey shall be conducted by a qualified person in accordance with the provisions of Title 8, California Code of Regulations, Sections 5095-509 (Article 105) and Title 29, Code of Federal Regulations, Section 1910-95. The survey results shall be used to determine the magnitude of employee noise exposure. (See Decision NOISE-5 for further information).	The project owner shall submit the noise survey report to the CPM. The project owner shall make the report available to OSHA and Cal-OSHA upon request from OSHA and Cal-OSHA.	Submit to the CPM a summary report of the new noise survey	Within 30 days after completing the new survey	9/3/2020		Not Started		(Ref Only)					Innova	DSR
258	NOISE	NOISE-6	PC	Construction Noise Restrictions - Heavy equipment operation and noisy construction work, including pile driving, shall be restricted to the times delineated in thi condition (See Decision NOISE-6). Construction work shall be performed in a manner to ensure excessive noise (noise that draws a project-related complaint) is prohibited and the potential for noise complaints is reduced as much as practicable. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers and other state-required noise attenuation devices. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use (jake braking) shall be limited to emergencies.	project owner shall transmit to the		Prior to ground disturbance	1/1/2019	11/26/2018	Completed	1/3/2019	1/22/2019 (Ref Only)	1/24/2019				SERC	GAL
259	NOISE	NOISE-7a	CONS	Pile Driving Technique - The project owner shall perform pile driving in a manner to reduce the potential for any project-related noise and vibration complaints. The project owner shall notify the residents in the vicinity of pile driving prior to start of pile driving activities.	The project owner shall submit to the CPM a description of the pile driving technique to be employed, including calculations showing its projected noise impacts at monitoring location LT1.	Description of the pile driving technique to be used	At least 15 days prior to first pile driving	Conditional		Not Started		(Ref Only) Conditional					SERC	GAF
260	NOISE	NOISE-7b	CONS	Notify Residents, Pile Driving - See NOISE-7a	The project owner shall notify the residents within one fille of the pile driving, in this notification, the project owner shall state that I will perform this activity in a manner to reduce the potential for any project-related noise and vibration complaints as much as proticable. The project owner shall submit a copy of this notification to the CPM prior to the start of pile driving.	residents within one	At least 10 days prior to first pile driving	Conditional		Completed	NA NA	(Ref Only) Conditional					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 des	At least 60 days prior to the start of ground disturbance, submit a resume and statement of availability of its designated PRS for on-site work.	PRS Resume & Statement of Availability to CPM	At least 60 days prior to the start of ground disturbance	11/3/2018	10/18/2018	Completed	10/18/2018						JACOBS	GAL
262	PAL	PAL-1b	PC	Paleontological Resources Monitors - Ensure that the PRS obtain qualified Paleontological Resource Monitor (PRMs) to monitor as he or she dearns 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	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 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
263	PAL	PAL-1c		Certify additional PRMs (See PAL-1)	PRS shall provide additional letters and resumes to the CPM if needed.		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				Ů	•	JACOBS	GAL
264	PAL	PAL-1d	PC/CONS	Replacement PRS (See PAL-1)	Prior to any change of the PRS, project owner shall submit resume of proposed new PRS to CPM for review and approval	PRM Resumes & Quals	No time specified.	Conditional	2/27/2019	Not Started	2/27/2019						JACOBS	GAL
265	PAL	PAL-2a	PC	Maps and Drawings to PRS - Provide to the PRS and the CPM, for approving, maps and drawings showing the footprint of the project, as described in this condition (See Deckion PALS). If construction of the project proceeds in phases, maps and drawings may be submitted prior to the starf 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 feld 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.		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 Recourse Monitoring and Miligation Plan (PRMMP). A paleontological resources monitoring and mitigation plan (PRMMP) shall be include elements (1) through (10) as specified in this condition (See Decision PAL-3) and submitted to the CPM for review and approval to identify general and specific measures to minimize potential impacts to significant paleontological resources. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.	At least 30 days prior to ground disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and acceptance of the PRRMMP by the project owner evidenced by a signature.	PRMMP	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018	Completed	1/14/2019						JACOBS	GAL
269	PAL	PAL-3b	PC	Peleontological Resources Monitoring and Miligation Plan (PRMMP). A peleontological resources monitoring and mitigation plan (PRMMP) shall be include elements (1) through (10) as specified in this condition (See Decision PAL-3) and submitted to the CPM for review and approval to identify general and specific measures to minimize potential impacts to significant paleontological resources. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.	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 Ausrenses Program. Malentonlogial Resources. Prior to grand disturbance and or the duration of construction activates involving ground disturbance, as described in this condition (See Decision PAL-4), prepare and conduct weekly (CPAI- approved palenonlogical resources straining for the workers specified in this condition. The training shall include elements (1) through (7) of this condition.	The project owner shall submit to the CPM for review and comment the draft WEAP, including the brochure and sticker. The submittal shall also include a draft training script and the set of reporting procedures for workers to follow.	Draft WEAP, brochure, sticker, script, and procedures.	At least 30 days prior to ground disturbance	1/19/2019	11/1/2018	Completed	11/9/2018						JACOBS	GAL
271	PAL	PAL-4b	PC	Final WEAP - See PAL-4a	The project owner shall submit to the CPM for approval the final WEAP and training script. If the project owner is planning to use a video for training, a copy of the training video shall be submitted following final approval of WEAP and training script.	Final WEAP materials	At least 15 days before ground disturbance	2/3/2019	1/10/2019	Completed	1/17/2019						JACOBS	GAL

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3					Revised 4/30/2019		Based on Final 6	Staff Assessment					Commissioning						
4					Revised 4/30/2019		Baseu on Final s	Stan Assessment					Operations						
5	Technical Resource	Cond. #		hase	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
272	PAL	PAL-5a	cor		WEAP Training Documentation/MCR: No worker shall execute or perform any ground disturbance extivity prior to receiving CPM-approved WEAP training by the PRS, unless specifically approved by the CPM. (See Decision PAL-5 for further specifications).	(MCR), the project owner shall provide copies of the WEAP certification of completion forms with the names of those trained, trainer	MCR, number of personnel trained during the reporting	Monthly	Monthly		In Progress							ARB	GAL
273	PAL				Alternate WEAP Trainer - See PAL-Sa	If the project owner requests an alternate paleontological WEAP rainer, 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		Conditional		Not started							ARB	GAL
27.4	PAL	PAL-6a			Paleontological Monitoring - The project owner shall ensure that the PISM and PRMI(j) monitor, consistent with the PRMMP, all construction-related grading and excavation in areas where potential fossiblearing materials have been identified, both at the sits and along any constructed linear facilities associated with the project, in the event that the PIS determines full-time monitoring is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP the project owner shall notify and seek the concurrence of the CPM. The PIS 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	4	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 feasible, the PMS which 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 unforessen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.	Notification of proposed change in monitoring	Notify CPM 15 days in advance of changes in monitoring when feasible	Conditional		Not started	NA NA						JACOBS	GAL
276	PAL	PAL-7			Paleontological Resources Report - The project owner shall ensure preparation of a Paleontological Resources Report (PRB) by the designated PRs. The PRR shall be prepared following completion of ground-disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information, and shall be submitted to the CPM for approval.		Paleontological Resources Report	Within 90 days after completion of ground- disturbing activities, including landscaping	11/13/2020		Not started							JACOBS	GAL
277	PAL	PAL-8	COM	OPS	Curation Entity/Curation Fees The project owner, through the designated PRS, shall ensure that all components of the PMMMP are adequately performed, including collection of fossil material, preparation of fossil material for analysis, analysis of fossils, identification and inventory of fossils, preparation of fossils for curation, and delivery for curation of all significant paleontological resource materials encountered and collected during project construction. The project owner shall pay all curation fees charged by the museum for fossil material collected and curated as a result of paleontological mitigation. The project owner shall also provide the curator with documentation showing the project owner irrevocably and unconditionally observed, and unconditionally observed, and unconditional ownership of the fossil material.	Within 60 days after the submittal of the PRR, the project owner shall submit documentation to the CPM identifying the entity that will be responsible for curating collected specimens. This documentation shall also show that fees have been paid for curation and the owner reliquishes control and ownership of all fossil material.	entity responsible for curation and that	Within 60 days of submittal of the PRR	Conditional		Not Started							JACOBS	GAL

	Α	В	С	D	E	F	G	Н	ı	J	K	0	Р	Q	R	S	T	U
1	Stanto	n Energy	/ Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	s				ı		6/30/2040				Construction						
4				Revised 4/30/2019		Based on Final S	taff Assessment					Commissioning Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
278	SOCIO	SOCIO-1	PC	School Scallity Development fee - The project owner shall pay the current on-elime statutory school facility development fee to the Magnolia Elementary School District and to the Anaheim Union High School District as authorized by Education Code Section 17620 and the Magnolia Elementary School District Board Policy 89 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 Permit Requirements - The project owner shall manage storm water pollution from project construction activities by fulfilling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (RIPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-0000, RIPDES) No. CASO00002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the project.		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
2/9	S&W	SOIL & WATER-1b	PC	NPDES Construction Permit Requirements-Storm Water Pollution Prevention Plan (SWPPP) - See SOIL & WATER 1a	Construction SWPPP to SWRQB	See S&W 1a	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018	SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF
281	S&W	SOIL & WATER-1c	PC/CONS	Correspondence with SARWQCB - See SOIL & WATER 1a	The project owner shall submit to the CPM any correspondence between the project owner and the SWRG or the Santa Ana Regional Water Quality Control Board (SARWQCB) about the general NPDE's permit for discharge of storm water associated with this activity. This information shall include the notice of intent, the notice of termit, the notice of termination, and any updates to the construction SWPPP.	Correspondence between the owner and SARWQCB	Within ten (10) days of its mailing or receipt	Conditional		Not started		SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAL
282	S&W	SOIL & WATER-2a	PC	Stormwater Management Plan/WQMP - The project owner shall comply with the Orange County Model Water Quality Management Plan (WMP) requirement in accordance with Title 4, Division 1,3 and Title 9, Division 1,3 of the Grenge County Code. The project Division 1,4 of the Grenge County Code. The project owner shall notify the CPM for review and the CPM for review and approval. The project owner shall notify the CPM in writing of any reported non-compliance with the county requirements, including documentation of any measures taken to correct the noncompliance and met her setuls of those corrective measures. See Decision SOIL&WATER-2 for additional specifications.	The project owner shall provide a WQMP for post-construction storm water BMPs to the CPM and to the Grange County Public Works Department.	construction	At least 120 days prior to site grading	9/14/2018	9/14/2018 (Rev3/19) 3/27/2019	Completed	9/14/2018	PC1:1/17/2019 PC2:2/21/19 PC3:3/18/19 (Ref Only)	3/5/2019 3/27/2019				SERC	GAL
283	S&W	SOIL & WATER-2b	PC	Orange County Public Works Department Review of WQMP - See SOIL & WATER 2a	Obtain County review of the WQMP	Verification of the county's completed review of the WQMP	30 days before grading	12/3/2018	11/29/2018	Completed	12/1/2/18						SERC	GAF
284	S&W	SOIL & WATER-2c	PC/CONS	Correspondence with County Re: Stormwater - See SOII & WATER 2a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the county regarding storm water management.	Copies of correspondence with the County regarding storm water management	Within 10 days of its mailing or receipt	Conditional		Not Started							SERC	GAL

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Resi	ource	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
285	v	SOIL & VATER-3a		Hydrostatic and Dewatering Water Discharge Permit Requirements - Prior to Initiation of discharge to surface water from hydrostatic testing water or groundwater from dewatering, he project owner shall obtain a National Pollutant Discharge Elimination System permit for discharge when applicable. The project owner shall comply with the requirements of the NPDES Permit Orders No. CA0599001 for hydrostatic testing and dewatering (if applicable) water discharge. The project owner shall provide a copy of all permit documentation sent to the Santa Ana Regional Water Quality Control Board (SAWCB) or State Water Resources Control Board (SWKCB) to the CPM and notify the CPM in writing of any reported non-compliance.	the CPM documentation that all necessary NPDs permits were obtained from the SARWQCB or SWRCB at least 30 days prior to construction.	Documentation that NPDES permits are obtained	Thirty (30) days prior to the first scheduled hydrostatic testing event or discharge of groundwater dewatering water	12/3/2018	12/4/2018	Completed	12/13/2018	(Ref Uniy)	N/A				SERC	GAL
286		SOIL & /ATER-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
S8		SOIL & I	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	1/31/2021		Not Started		(Ref Only)					SERC	GAL
\$8 288		SOIL & VATER-4a	CONS	Water Use and Reporting - Water supply for project construction and operation shall be potable water supplied by Golden State Water Company, Project water use for construction shall not exceed 5.6 acre-feet, project operation water use shall not exceed 3.4 AFY. 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.	During project construction, the monthly compliance report shall include a monthly summary of daily water use. After construction is complete, the project's annual compliance report shall include a monthly summary of daily water use.	Summary of daily water use	Monthly Compliance Report	Monthly		in progress		(Ref Only)					ARB	GAL
S8		SOIL & /ATER-4b	COM/OPS	construction and operation shall be potable water supplied by Golden State Water Company. Project water	monthly compliance report shall	Monthly and annual summary of water use	Annual Compliance Report	1/31/2021		In Progress		(Ref Only)					SERC	DSR
290	٧	VATER-Sa	PS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Pror 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(a) 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	At least thirty (30) days prior to use of the Golden State Water Company potable water supply	3/16/2020	11/29/2018 6/16/2020	Completed	12/1/2/18	(Ref Only) 6/19/2020	7/1/2020				ARB	GAL
S8		SOIL & /ATER-5b	PC/CONS/C OM/OPS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	Evidence that metering devices have been installed and are operational	At least thirty (30) days prior to use of the Golden State Water Company potable water supply.	3/16/2020	2/22/2019 3/21/2019 6/16/2020	Completed	6/17/2020	(Ref Only) 6/19/2020	7/1/2020				SERC	GAL
S8		SOIL & VATER-Sc	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	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR. Fees paid to Golden State Water Company shall be reported in the ACR for the life of the project.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR	Annual Compliance Report	1/31/2021		Not Started		(Ref Only)					SERC	DSR

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3												Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment					Operations						
5	echnical 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.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR. Fees paid to Golden State Water Company shall be reported in the ACR for the life of the project.	Fees paid to Golden State Water Company shall be reported in the Annual Compliance Report (ACR)	Annual Compliance Report	1/31/2021		Not Started		(Ref Only)					SERC	DSR
294	S&W	SOIL & WATER-6a		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.	documentation indicating that the city has accepted the project's connections to the sewer system.	SERC's sewer connection.	Prior to the use of the city's sewer system	6/30/2019	5/9/2019 7/20/2020	Completed	5/16/2019 7/22/2020	(Ref Only) 7/22/2020					ARB	GAL
295	S&W	SOIL & WATER-6b	CONS/COM, OPS	Sewer Connections - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	waste water discharge and fees paid to the city shall be reported in	Fees paid to the city shall be reported in the ACR.	Annual Compliance Report	1/31/2021		Not Started		(Ref Only)					SERC	DSR
296	S&W	SOIL & WATER-6c	CONS/COM, OPS	Sewer Connections - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.		Monthly and annual summary of waste water discharge.	Annual Compliance Report	1/31/2021		Not Started		(Ref Only)					SERC	DSR
297	S&W	SOIL & WATER-7	PC/CONS	Jack and Bore Permits - Prior to the initiation of any Carbon Creek jack and bore activities for the natural gas pipeline, the project owner shall apply for coverage under the following permits: (see Decision SOIL&WATER 7 for list) - Section 401, Section 404, Section 408, Streambed Alteration Agreement,	The project owner shall provide the CPM with copies of the applicable permits or agreements.	Permits or agreement documents	No later than thirty (30) days prior to any construction-related activities that could affect water quality in Carbon Creek	6/30/2019	5/31/2019	Completed	6/19/2019	(Ref Only) 9/5/19 12/6/19	12/12/2019				SoCalGas	GAL
298	S&W	SOIL & WATER-8a	PC	Bridge Entroachment Permits - The project owner shall obtain an encroachment permit for the construction of the which and fulfilly bridges from the Orange County Public Works Department in accordance with Orange County Code - This P. Johission 2, Article 2, Sections 9-24 dain 49-2-30. The project owner shall pay all necessary fees to Grange County bublic Works Department for compliance with the permit review and approval process. The project owner shall allow the encroachment permit application package to Orange County bublic Works Department and the CPM for review and approval prior to construction. The project owner shall allo 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-8a	The project owner shall submit a copy of the final approved permit from Orange County Public Works Department to the CPM for review and approval.	Copy of final approved permit from OCPWD	At least 30 days prior to bridge construction	1/26/2019	2/1/2019	Completed	3/12/2019	2/5/2019 (Ref Only)	2/5/19 (Ref Only)				SERC	GAL

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₁ S	tanto	n Energ	y Relia	bility Center Compliance Matrix (16	i-AFC-01)							Pre- Construction						
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3				Revised 4/30/2019		Based on Final S	Staff Assessment					Commissioning Operations						
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T F	echnical lesource STRUC	Cond. # STRUC-1a	Phase PC/CON	Description Project Structures Plans and Specifications - Prior to the start of any increment of construction, the project	the CBO the above final design	specifications, and	Date Submittal is Required At least 30 days (or project owner- and	1.0: 1/17/2019 2.0: 1/23/2019	Date Submitted to CPM 1.0: 3/15/19, 10/26/19 1.0: 4/25/19, 10/26/19	Compliance Status for CPM (Not started, in progress, completed (with date)) In Progress	Date Approved by CPM NA	1.0 Compaction: 3/15/19	CBO 1.0 Compaction: 3/25/19	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party Power	SERC Project Manager GAL
300				owner shall submit plans, calculations, and other supporting documentation to the GD for design review and acceptance for all project structures and equipmen identified in the GD-approved master drawing and master specifications list. The design plans and calculations shall include the lateral force procedures and details as well as vertical calculations. Construction of any structure or component shill not begin until the CBO has approved the lateral force procedures to be employed in designing that structure component. (See Decision STRUC-1 for specifications).	t transmittal letter to the CPM.	calculations and transmittal letter to CPM	CBO-approved alternative time framely pirot to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list	3.0: 1/31/2019 4.0: 2/7/2019 5.0: 2/7/2019 5.0: 2/7/2019 7.0: 2/14/2019 9.0: 2/14/2019 9.0: 2/14/2019 1.0: 2/28/2019 1.2: 0.3/11/2019 1.3: 0: 2/20/2019	2.0: 1/23/19, 10/26/19 2.0: 5/23/19, 10/26/19, 12/29/19, 2/10/20 4.0: 2/6/19, 10/26/19, 2/10/20 4.0: 2/6/19, 10/26/19, 2/10/20 5.0: 5/27/19, 10/26/19, 10/26/19 9.0: 3/22/19, 10/26/19 9.0: 3/22/19, 10/26/19 110: 5/33/19, 10/26/19 110: 5/33/19, 10/26/19 110: 5/33/19, 10/26/19 110: 5/33/19, 10/26/19 110: 5/33/19, 12/29/19 120: 5/33/19, 12/29/19 130: 2/20/2019 140: 11/26/19, 12/29/19 150: 5/33/19, 12/29/19 170: 5/33/19, 12/29/19 170: 5/33/19, 12/29/19 170: 5/33/19, 12/29/19 170: 5/33/19, 12/29/19 170: 5/33/19, 12/29/19 170: 5/33/19, 12/29/19 170: 5/33/19, 12/29/19			1.0 Bridge Design: 4/25/19 2.0: 1/23/2019 2.0: 1/23/2019 3.0: 1/31/2019 4.0: 2/6/2019 5.0: 6.0: 2/7/2009 8.0: 2/12/2019 8.0: 2/12/2019 11.0: 4/16/19 11.0: 3/12/2019 11.0: 3/12/2019 11.0: 3/12/2019 11.0: 3/12/2019 11.0: 3/12/2019 11.0: 3/12/2019 11.0: 3/12/2019 11.0: 3/12/2019 11.0: 3/12/2019 11.0: 3/12/2019 11.0: 3/12/2019 11.0: 3/12/2019 12.0: 3/12/2019 12.0: 3/12/2019 12.0: 3/12/2019 12.0: 3/12/2019 12.0: 3/12/2019 12.0: 3/12/2019 12.0: 3/12/2019 12.0: 3/12/2019 12.0: 3/12/2019 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19 12.0: 5/12/19	1.0 Bridge Design: 5/13/19 2.0: 2/18/2019 2.0: 2/18/2019 2.0: 5/16/19 2.0: 5/16/19 4.0: 4/9/19 5.0: 6.0: 4/9/19 5.0: 7.0: 4/29/19 8.0: 5/16/19 9.0: 5/22/19 1.0: 5/16/19 1.0: 5/22/19 2.0: 7/22/19					
301	STRUC	STRUC-1b	PC/CON	5 CBO Approvals Reported in MCR - See STRUC-1a	The project owner shall submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Statement from CBO	Monthly	Monthly	4/14/19 5/15/19 6/14/19 7/15/19 8/14/19 9/14/19 10/13/19 11/14/19 12/14/19 1/14/20 2/11/20	In Progress	NA NA	711574119	7.00				SERC	GAL
302	STRUC	STRUC-1c	PC/CON	5 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
303	STRUC	STRUC-2a	CONS	Non-Compliance Procedures - The project owner shall submit to the CBO the required number of sets of the following documents related to work that has undergone CBO design review and approval (see Dedsion STRUC-2 for specifications).	If a discrepancy is discovered in any of the above data, the project owner shall prepare and submit a Non-Compliance Report (NCR) describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section.	NCR describing the discrepancy and corrective action, and transmittal letter	Within five days of discovering a discrepancy	Conditional		Not Started	NA	(Ref Only) Conditional					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	NA	Not Started		(Ref Only) Conditional					SERC	GAL
305	STRUC	STRUC-2bb	CONS	Corrective Action Documentation - See STRUC-2a	Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.	Copy of the corrective action to the CPM	Within 5 days of the resolution of the NCR	Conditional		Not Started								
306	STRUC	STRUC-2c	CONS	Corrective Action Documentation - See STRUC-2a	Project owner shall transmit copy of CBO's approval or disapproval of the corrective action to the CPM within 15 days	disapproval of	Within 15 days of the resolution of the NCR	Conditional		Not Started							SERC	GAL
307	STRUC	STRUC-2d	CONS	Corrective Action Documentation - See STRUC-2a	If disappoved, the project owner shall advise the CPM, within 5 days, of the reason for disapproval and the revised corrective action to obtain CBO's approval	Advise CPM of CBO's disapproval and revised corrective action	Within 5 days after receiving CBO disapproval	Conditional		Not Started							SERC	GAL

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3				Revised 4/30/2019		Based on Final	Staff Assessment					Commissioning						
Ħ				Revised 4/30/2019								operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		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
308	STRUC	STRUC-3a		to the CBO design changes to the final plans required by the 2016 CBC, including the revised arwaings, 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.	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.	СВО	Schedule suitable to the CBO	Conditional	NA	Not Started		(Ref Only) Conditional					SERC	GAL
200	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 rationalle for, the proposed changes, and shall give to the CBO prior notice of the intended filling.	CBO of the intended filing of	Revised drawings to CBO and transmittal to CPM	Schedule suitable to the CBO	Conditional		Not Started	NA	(Ref Only) Conditional					SERC	GAL
310	STRUC	STRUC-3b	PC/CONS	Plan Approval Notification in MCR - See STRUC-3a	The project owner shall notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	Notification of CBO Plan approval in MCR	Monthly	Monthly		In Progress							SERC	GAL
311	STRUC	STRUC-4a	CONS	Tank and HazMat Vessel Design - Tanks and vessels containing quantities of route 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	NA	Completed		12/6/2019	12/22/2019				SERC	TAT
312	STRUC	STRUC-4b	CONS	CBO Approvals in MCR - See STRUC-4a	The project owner shall send copies of the CBO approvals of plan checks to the CPM in the monthly compliance report following receipt of such approvals. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	Copies of CBO approvals in MCR	Monthly	Monthly	1/14/2020	Completed	NA						SERC	GAL
313	TLSN	TLSN-1	CONS	66 W Line Requirements - The project owner shall construct the proposed 66-4V transmission line according to the requirements of Ediformia Public Utility Commission's 60-95, 60-131-0, Title 8, and Group 2, High Voltage Electrical Safety Orders, sections 2700 through 2974 of the California Code of Regulations, and Southern California Edison's EMF reduction guidelines.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming that the line will be constructed according to the requirements stated in the condition.	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 6/03/2020	1/20/2020 (Ref Only)	2/4/2020				SCE	GAF
315	TRANS	TRANS-1a	CONS	and the county of Orange, on vehicle sizes and weights, driver licensing, and truck routes.	The project owner shall identify the permits received during that reporting period (copies of actual permits are not required in the MCR) to demonstrate project compliance with limitations of relevant jurisdictions for vehicle sizes, weights, driver licensing, and truck routes.	List of permits received in MCR	Monthly	Monthly	9/15/19 10/14/19 11/15/19 12/14/19 1/15/19	Completed	NA	(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	All I liase	.5	_						.,.,				Commissioning						
4			工厂		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		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-	-2a	PC	Traffic Control Plan - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the mowement of workers, weblicles, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project cowner shall consult with the city of Stanton in the preparation and implementation of the TCP. The project cowner shall submit the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and sporoal prior to the proposed start of construction and implementation of the plan. (See Decision TRANS-2 for specifics).	The project owner shall submit the TCP to the city of Stanton for review	Traffic Control Plan and transmittal letter to City of Stanton	At least 60 calendar days prior to the start of construction	12/6/2018	NA.	Completed				City of Stanton	3/1/2019 7/1/2019	3/4/2019 7/17/2019	JACOBS	GAL
317	TRANS	TRANS-	-2b	PC		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 Table and Letter to the CPM 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 31/1/2019 7/1/2019	Completed	12/16/18 12/21/2018 3/5/2019 7/18/2019	1/22/2019 (Ref Only)	1/23/2019				JACOBS	GAL
319	TRANS	TRANS-	-2c	PC	Letters of Comment on TCP - See TRANS-2a	The project owner shall provide copies of any comment letters received from the city of Stanton or any other interested agencies, along with any changes to the TCP, for CPM review and approval.	Copies of comment letters	At least 30 calendar days prior to the start of construction	1/5/2019	11/29/2018	Completed	12/4/2018						Jacobs	GAL
320	TRANS	TRANS-	-2d	PC	Final TCP to City - See TRANS-2a	The project owner shall provide completed copies of the final TCP to the city of Stanton and any other interested agencies, sending copies of the correspondence to the CPM.	Copies of final TCP to City and interested parties	After CPM review and approval	3/1/2019	11/29/2018	Completed	12/4/2018	1/22/2019 (Ref Only)	1/23/2019	City of Stanton	3/1/2019	3/4/2019	JACOBS	GAL
321	TRANS	TRANS-	3-33	PC		mobilization, the project owner shall videotape roads and intersections along the major routes construction vehicles would take in the vicinity of the project site. The project owner shall provide the videotapes or other recorded visual media to the CPM.	Videotape of pre- project road conditions	Prior to the start of site mobilization	1/31/2019	1/30/2019	Completed	1/31/2019	1,33/2019 (Ref Only)	1/31/2019				SERC	GAL

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1	Stanto	n Energ	gy Re	liabili	ity 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						
Ħ					Neviseu 4/30/2013								Operacions						
5	Technical Resource	Cond. #	Ph		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
322	TRANS	TRANS-3t	co co	NS F	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, easement, or fight-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 repairs with which the project owner must comply, unless approvad 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 lidentify sections to be repaired. Establish schedule for completion of repairs with CPM	7/2/2020	Conditional		Not started	NA	(Ref Only) Conditional					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 regained. At that time, the blink exceeding the project owner shall not be regained as the time, the blink exceeding the project owner must completion of the regalist with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any regains; with which we have been completed by the CPM. Following completion of any regains; the project owner shall provide the CPM with letters; signed by the affected agency/ agencies stating their satisfaction with the repairs.	Letters signed by the agency accepting the repairs	Following completion of repairs	Conditional		Not started		(Ref Only) Conditional					SERC	GAL
324	TRANS	TRANS-4a	PC/C	p c c a t	Encoachment into Public Rights-of-Way - Prior to any ground disturbance, inprovements, or polartoction 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 tandards.	The project owner shall provide copies to the CPM of all permits received from any affected jurisdictions.	Copies of permits from affected jurisdictions	At least 10 days prior to ground disturbance, improvements, or interruption of traffic in or along any public road, easement, or right-of-way	So Cal Gas 6/8/19 SCE 9/20/19 City of Stanton Driveway X/X/2020	7/31/2019	In Progress	8/1/2019	(Ref Only) 7/31/19					SoCalGas/SCE	GAL
325	TRANS	TRANS-4b	CONS	S/OPS C	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		d t F a	delivery and waste hauler companies for the temsportation of hazardous materials and wastes. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the names of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licensing verification only needs to be included in the MCRs when a new company is used. If a company's licensing verification has already been submitted in an MCR, it is not necessary to submit it again.	materials haulers and licensing verification in MCRs	Monthly during construction	Monthly		In Progress							SERC	GAL
327	TRANS	TRANS-SE	0	d t p	Transportation of Hazardous Materials -The project owner shall contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the names of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licersing verification only needs to be included in the MCRs when a new company is used. If a company's licensing verification has already been submitted in an MCR, it is not necessary to submit it again.	materials haulers and licensing verification in ACR	Annual Compliance Report	1/31/2021		Not started		(Ref Only) Annual					SERC	DSR

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1 S	tanto	n Energy	y Relial	oility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
	III Phase							6/30/2040				Construction						
3				Revised 4/30/2019		Based on Final	Staff Assessment					Commissioning						
				Neviseu 4/30/2013								Operations						
5 T	echnical 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	aail Crossing Safety Plan - Prior to any construction- related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction wehicles, and heavy/oversite loads: The rail crossing active plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	comment	Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction- related ground disturbance	12/20/2018	11/1/2018	Completed	12/21/2018						Jacobs	GAL
329	TRANS	TRANS-6b	PC	Rail Crossing Safety Plan - Prior to any construction- related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the sixe or working at the site), construction wehicles, 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.	Pacific Railroad (UPRR) for review and comment	Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction- related ground disturbance	12/20/2018	11/1/2018	Completed	NA NA			UPRR	11/1/18	No comments received from UPRR. Comments were requested by 11/30/18	SERC	GAL
220	TRANS	TRANS-6c	PC	Rail Orosing Safety Plan - Prior to any construction- related ground disturbance, the project owner shall develop and implement and 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 vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to the CPM for review and approval. The project owner shall also provde 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
331	TRANS	TRANS-6d	PC	Final Rail Crossing Safety Plan - See TRANS-6a	The project owner shall provide copies of any comment letters received from the city of Stanton and UPRR, along with any changes to the rail crossing safety plan, for CPM review and approval.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction- related ground disturbance	1/19/2019	12/3/2018	Completed	1/24/2019						JACOBS	GAL
332	TRANS	TRANS-6e	PC	Final Rail Crossing Safety Plan - See TRANS-Ga	After CPM review and approval, the project owner shall provide completed copies of the final rail crossing safety plan to the city of Stanton and UPRR, sending copies of the correspondence to the CPM.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction- related ground disturbance	1/19/2019	1/19/2019	Completed	1/24/2019			City of Stanton UPRR			SERC	GAL
333	TRANS	TRANS-7	CONS	FAA Notification for Construction Equipment at or Exceeding 153 Fee Add. 1- The project owner or its contractor(s) shall fill Federal Aviation Administration (FAA) Form 2640. Notice of Proposed Construction Alteration, with the FAA for any construction equipment 153 feet above ground level (AGL) or taller. The project owner shall comply with any conditions impose 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 inlate the following actions to ensure pilots are aware of the project location and portential hazards to aviation. (See Decision TRANS-8 for specifications).	The project owner shall submit to the CPM for review and approval draft language for the letters of request to the FAA, the LAAA Manager, and the FMA Manager. The letters should request a response within 30 days that includes a timeline for implementing the required actions.	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, the project owner shall submit copies of these requests to the CPM. A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Final letters to the FAA, LAAA Manager, and FMA Manager	Within 60 days after CPM approval of the draft language	5/7/2019	3/22/2019	Completed	5/22/2019			Los Alamitos Army Airfield, FAA, Fullerton Municipal Airport	3/27/2019		JACOBS	GAL

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			Reliab	ility 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						
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
336	TRANS	TRANS-8c		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 FMARLAAA - 04/11/2019 Additional LAAA correspondence Transmitted on 5/13/19	Completed	4/11/2019				•		SERC	GAL
337	TRANS	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 Decision TSE-1), a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. Provide designated packages to the CPM when requested.	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 Switchyard Design. For the power plant switchyard, outed 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 owners shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Approval of Final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination with compliance certification letter by CBO	Prior to the start of each increment of construction - Switchyard a) Civil design (b) Structural design c) electrical design c) Cen-Tie a) Civil design b) electrical design b) electrical design	6/30/2019	NA	Completed		2-1.0 8/2/19 PC1	2-1.0 8/22/19 PC1				Power / SCE	GAL
340	TSE	TSE-2b (CONS/COM, OPS	Final Switchyard Design- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	equipment and systems of the power plant switchyard, outlet line, and termination, including a	Maintain Final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination with compliance certification letter	For 1 year after completion of construction	8/1/2021	NA	Not Started							SERC	DSR
2,61	TSE	TSE-2c	CONS	Final Switchyard Design. For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	inspection of insallation applicable	During construction	1/2/2020	NA	Completed		8/2/2019	8/21/2019				SERC	TLB
342	TSE	TSE-2d	CONS/COM, OPS	/ Transmittal Letter in MCR - See TSE-2a	Send the CPM a copy of the transmittal letter to the CBO in the next monthly compliance report.	Transmittal in MCR	Monthly	Ongoing	8/14/2019	Completed	9/14/2019						SERC	GAL

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			rgy I	Reliabi	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	es	-						6/30/2040				Construction 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	cc	OPS	Design, Construction, and Operation of Transmission Facilities: The design, construction, and operation of the proposed transmission facilities will conform to all applicable LOSs, and requirements [Jd 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	Prior to the start of construction or modification of transmission facilities	10/1/2019	12/11/2019	Completed	12/30/2020	11/21/2019	12/9/2019				SERC	GAF
344	TSE	TSE-4a	3	CONS	Notice to CASSO - The project owner shall provide the following notice to the California Independent System Operator (California SO) prior to synchronising the facility with the California Irasmission system: 1. At least one week prior to synchronising the facility with the california Irasmission system: 2. At least one business day prior to synchronizing the facility with the grid for testing, provide the California ISO eletter 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 enoffication to the California ISO Outage Coordination Department.	copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid. The project owner shall	CAISO letter and report of conversation with CAISO	Letter one week prior and report of conversation one day before initial synchronization with the grid	4/9/2020	3/10/2020 4/2/2020	Completed	3/12/2020 4/3/2020						SERC	DSR
36	TSE	TSE-4b		CONS	Notice to CASIO - The project owner shall provide the following notice to the California Independent System Operator (California SO) prior to synchronizing the facility with the California Transmission system: 1. At least one week prior to synchronizing the facility with the California Transmission system: 2. At least one week prior to synchronizing the facility with the Garlity with the grid for testing, provide the California ISO at 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 nortification 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 experiment of the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid. The project owner shall contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-200 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	Telephone notification to CAISO Quarter to CAISO Quarter Coordination department Note: use recorded line at 24hr desk	Letter one business day prior and results of the control of conversation one day before initial synchronization with the grid	4/15/2020	4/15/2020 4/17/2020	Completed	NA.						SERC	DSR
346	TSE	TSE-5a			CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "high Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project cower shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see Bectalon 135.5 Verification for specifications)	after project construction. Contact CBO in writing with non-conformance of the transmission facility.	Within 10 days of discovering non- conformance	Conditional		Not Started		(Ref Only) Conditional	7/6/2020				SERC	TLB
347	TSE	TSE-Sb	o C		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 CEO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESS. 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 case of nonconformance, the project owner shall inform the CPM and CEO in writing, within 10 days of discovering such non-conformance, and describe the corrective actions to be taken.		line drawings of	first synchronization of the project	6/15/2020	6/20/2020	Completed	6/30/2020	6/18/2020	7/6/2020				SERC	GAF

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	All Phase			1	,		1	6/30/2040				Construction						
3												Commissioning						
4	Technical Resource	Cond. #	Phase	Revised 4/30/2019 Description	Verification/Action/Submittal	Submittal	taff Assessment 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	Operations Date Submitted to CBO	Date Approved by	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	TSE	TSE-5c	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CRO approved changes thereto, to ensure conformance with CPUC General Oder (GO) 58, CPUC GO 128, or NSSC, Title 8, CCR, Articles 33, 36 and 37 of the "high Obbage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of monocnformance, the project owner shall inform the CPM and CRO 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	6/20/2020	Completed	6/30/2020	6/18/2020	7/6/2020				SERC	GAF
349	TSE		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 CRO approved changes thereto, to ensure conformance with CPUC General Order (GO) 55, CPUC GO 128, or NESC, Title 8, CCR, Articles 33, 36 and 37 of the "high Undeap Electric Selfery Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of the order of the conformance, the project owner shall inform on conformance, the project owner shall inform conformance, and describe the corrective actions to be taken.	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	6/20/2020	Completed	6/30/2020	6/18/2020	7/6/2020				SERC	GAF
350	VIS	VIS-1a	PC	Surface Treatment of Project Structures - The project owner shall treat the surfaces of all project structures and buildings visible to the public such that a) their colors minimize visual intrusion and contrast by blending with the landscape; b) their colors and finishes do not create excessive 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, and the insulators shall be non-reflective and non-refractive. See Decision VIS-1 for specifications)	The project owner shall submit the proposed treatment plan to the CPM for review and approval and simultaneously to the city of Stanton for review and comment.	Proposed Surface Treatment Plan	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture	11/10/2017	2/26/19 3/6/2019	Completed	3/14/2019	3/12/2019 (Ref Only)	3/18/2019	City of Stanton	3/6/2019	3/11/2019 (City of Stanton Approval - no comments)	SERC	GAL
351	VIS	VIS-1b	PC/CONS	Revised Surface Treatment Plan - See VIS-1a	If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for review and approval.	Revised Surface Treatment Plan	Any modifications to the treatment plan must be submitted to the CPM for review and approval	Conditional		Not Started		(Ref Only) Conditional					SERC	GAL
352	VIS	VIS-1c	CONS	Notification that Treatment Completed - See VIS-1a	The project owner shall notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection and shall submit one set of electronic color photographs from the same Key Observation Points (KOP) 1 and 2.	CPM that surface treatment is completed and color photographs	Prior to the start of commercial operation	8/1/2020		Not Started		(Ref Only)					SERC	GAL
353	VIS	VIS-1d	OPS	Surface Treatment Maintenance - See VIS-1a	Project owner shall provide status report regarding surface treatment maintenance in the ACR. The report shall specify 3): the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities rocured during the reporting year; and c) the schedule of maintenance activities for the next year	Status Report	Annual Compliance Report	1/31/2021		Not Started		(Ref Only) Annual					SERC	DSR

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2	All Phase	S						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
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 Dedsion 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	6/28/2020	In Progress		(Ref Only) 7/2/2020	7/23/2020	City of Stanton	4/23/2020	5/13/2020	SERC	GAL
355	VIS	VIS-2b	CONS	Revised Landscaping and Irrigation Plans - See VIS-2a	If the CPM determines that the plans require revision, the project owner shall provide to the CPM and simultaneously to the city of Stanton a revised plan for review and approval by the CPM.	Revised landscaping and irrigation plans	No specific time frame	Conditional		Not Started		(Ref Only) Conditional					SERC	GAL
356	VIS	VIS-2c	COM/OPS	Landscape Installation Timing - See VIS-2a	The planting must occur during the first optimal planting season following completion of site construction	Landscape and irrigation installation	First optimal planting season following construction	8/1/2020		Not Started		(Ref Only)					ARB	GAF
357	VIS	VIS-2d	COM/OPS	Landscaping Ready for Inspection - See VIS-2a	The project owner shall simultaneously notify the CPM and the city of Stanton within seven days after completing installation of the landscaping, that the landscaping is ready for inspection.	Notification that landscape is ready for inspection	Within seven days of completing the landscaping	8/16/2020		Not Started	NA NA	(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	1/31/2021		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 on-site construction areas, and construction worker parking lost, minimizes potential night lighting impacts. (See Decision VIS-3 for specifications).		Notification that lighting is ready for inspection	Within seven calendar days after the first use of construction lighting	3/8/2019	3/4/2019	Completed	3/7/2019	(Ref Only)					ARB	GAL
360	VIS	VIS-3b	CONS	Lighting Modifications Corrections - See VIS-3a	If the CPM determines that modifications to the lighting are needed for any construction milestone, project owner shall correct the lighting and notify the CPM that modifications have been completed.	Lighting modifications/ corrections, notification to CPM	Within 14 calendar days of receiving notification	Conditional		Not Started	NA NA	(Ref Only) Conditional					ARB	GAL
361	VIS	VIS-3c	CONS	Complaint Reporting - See VIS-3a	The project owner shall provide to the CPM a copy of any complaint reports and resolution form, including a schedule for implementing corrective measures to resolve the complaint.	Complaint report and resolution form, schedule for corrective measures	Within 48 hours of receiving a lighting complaint for any construction activity	Conditional		Not Started		(Ref Only) Conditional					SERC	GAL
362	VIS	VIS-3d	CONS	Summary of Complaints in MCR - See VIS-3a	The project owner shall report any lighting complaints and document their resolution in the monthly compliance report for the project, accompanied by copies of completed complaint report and resolution forms for that month.	Summary of complaints and resolution in MCR, including report and forms	Monthly	Monthly		In Progress		(Ref Only)					SERC	GAL

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2	All Phase	S				1		6/30/2040				Construction		-	-			
4	1			Revised 4/30/2019		Based on Final S	taff Assessment					Operations			<u> </u>			
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
[36:	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 Stantion for simultaneous reviews and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fintures or apparatus until written approval of the final plan is received from the CPM. Addifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable work that Republication, the project owner shall design, install, and maintain all pernament extend in glitting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting imports are innimited or avoided to the maximum extent feasible. All lighting firtures 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	Plan and transmittal letters to Planning	At least 90 calendar days before ording any permanent lighting equipment for the project	12/3/2018	NA NA	Completed				City of Stanton	11/26/18	11/27/18	POWER	GAL
36.	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 comprehensive to the plan from the city shall be provided to the CMM. The project owner shall not purchase or order any lighting fistures 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 site, gibre is avoided, and night lighting impacts are minimized or avoided to the maximum extert fessible. All lighting futures 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 immulanaeously to see Penning Discount of the city comment and the Children Comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 409 Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	transmittal letter submitted to city and	At least 90 calendar days before ordering any permanent any permanent lighting equipment for the project	12/3/2018	11/26/2018	Completed	11/27/2018	(Ref Only) 6/4/2019	8/5/2019				SERC	GAL
36:	VIS		OPS	Revised Lighting Plan - See VIS-4a	If the CPM determines that the plan requires revision, the project owner shall provide a plan with the specified revision(s) for review and approval by the CPM. A 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 fixtures) shall begin until final plan approval is received from the CPM.		No specific time frame	Conditional	7/11/2020	Completed	7/20/2020	(Ref Only) Conditional 7/14/2020	7/23/2020				POWER	GAL
364	VIS	VIS-4d	CONS/COM	Lighting Inspection Ready, Notification - See VIS-4a	The project owner shall notify the CPM that installation of permanent lighting for the project has been completed and that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Prior to the start of commercial operation	8/1/2020		Not Started	NA NA	(Ref Only)					SERC	GAL
367	VIS	VIS-4e	COM/OPS	Changes to Lighting System - See VIS-4a	if the CPM notifies the project owner that modifications to the lighting system are required, within 30 days of receiving that notification, the project owner shall implement all specified changes and notify the CPM that the modified lighting system(s) is ready for inspection.	Changes to the lighting system	30 days after receiving the notification	Conditional		Not Started	NA	(Ref Only) Conditional					SERC	GAL

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			/ Reliab	ility 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
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) Conditional			Č	•	SERC	GAL
369	VIS			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 mitigation plan	Status Report	Annual Compliance Report	1/31/2021		Not Started		(Ref Only)					SERC	DSR
370	VIS			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.		Prior to the start of commercial operation	7/27/2020		Not Started	NA NA	(Ref Only)					SERC	GAL
371	VIS	VIS-4i		Pre-COD Inspection - Lighting System - See VIS-4a	If after inspection the CPM notifies the project owner that modifications to the lighting are needed, within 30 days of receiving that notification the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection		Within in 30 days of receiving notification	Conditional		Not Started	NA	(Ref Only) Conditional					SERC	GAL
372	WASTE	WASTE-10a	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner-shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 30 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit a Soils information Form to Orange County Waste and Recycling and the CPM.	Obtain approval letter from Orange County Waste and Recycling	30 days prior to transportation of soils for disposal to Olinda Alpha Landfill	1/19/2019	2/5/2019	Completed	2/12/2019			Orange County Waste and Recycling	2/5/18	2/12/18	SERC	GAL
373	WASTE	WASTE-10b	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.		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-1a		Landfill from Orange County Waste and Recycling.	At least 45 days prior to any earthwork, the project cowner shall submit the SMP to the CPM for review and approval.	Soil Management Plan Summary (SMP to be written and provided by NVS)	At least 45 days prior to any earthwork	11/18/2018	10/18/2018	Completed	10/19/2018						JACOBS	GAL
375	WASTE	WASTE-1b	CONS	SMP Summary - See WASTE-1a	An SMP summary shall be submitted to the CPM within 25 days of completion of any earthwork.	Soil Management Plan Summary	Within 25 days of completion of any earthwork	Conditional		Not Started							JACOBS	GAL
376	WASTE	WASTE-2	PC	Professional Engineer/Geologist - Provide the resume of an experienced and qualified Professional Engineer or Professional Geologist, who shall be available for consultation during site characterization (if needed), demolition, excavation and grading activities, to the		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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	All Phase						' <u> </u>	6/30/2040				Construction						
3						Bread on Florida	Staff Assessment					Commissioning						
4	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	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
377	WASTE	WASTE-3a	CONS	Final Engineer/Geologist Report - If seemingly contaminated soil is destrifted during aire observations of the seeming of 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	tao	Loo	submit to:	to other agencies	Agenties	JACOBS	GAL
	WASTE	WASTE-3b	CONS	Construction Halt Notification - See WASTE-3a	The project owner shall notify the CPM within 24 hours of any orders issued to halt construction due to contaminated soil.	Notify the CPM	Within 24 hours of orders to halt construction	Conditional		Not started	NA NA						SERC	GAL
378	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	NA	Completed				OCPW	11/1/2018	1/28/2019 (Approved by CPM. No Comments were received from OCPW)	JACOBS	GAF
380	WASTE	WASTE-4b	PC	Construction and Denotition Environmental Resources Management Plan—The project nower shall prepare a Construction and Denotition (C. & D) Environmental Resources Management and Repcycling Plan for demotition and construction wastes generated and shall submit a copy of the plan to the Corning County's Public Works/Planning Department for review, and to the CPM for review and approval. See Decision WASTE-4 for specifications.	The project owner shall submit the C & D Environmental Resources Management and Recycling Plan to the CPM for review and approval.	Demolition Environmental	30 days prior to the initiation of demolition activities at the site	12/3/2018	11/1/2018	Completed	1/28/2019						JACOBS	GAL
	WASTE	WASTE-4c	CONS	Waste Volumes Reported in MCR - See WASTE-4a	The project owner shall also document in each monthly compliance report (MCR) the actual volume of wastes generated and the wastes management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Construction and Demolition Waste Management Plan, and update the Construction and Demolition Waste Management Plans as necessary to address current waste generation and management practices.	Waste volumes and waste management methods in Monthly Compliance Reports	Monthly	Monthly		In Progress							ARB	GAL
381	WASTE	WASTE-5a	PC/CONS	Asbestos-Containing Materials - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for asbesto-containing material (ACM) and notify the CPM of the results. In the case of a need to remove such material, the project owner shall compilete and submit a copy of a South Coast AV Quality Management District Notification of Demolition or Newovition Form to the CPM as related to asbestos and other materials.	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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Techr Resou	urce	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
WAS	W. W.	ASTE-Sb	PC/CONS	Asbestos-Containing Materials - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for asbestos-containing material (ACM) and notify the CPM of the results. In the case of a need to remove such material, the project owner shall complete and submit a copy of a South Coast Air Quality Management District Notification of Demolition or Removation Form to the CPM as related to asbestos and other materials.	The project owner shall provide the Notification of Demolition or Renovation Form to the CPM for review.	Notification of Demolition or Renovation Form to CPM	No less than 60 days prior to commencement of structure demolition	12/6/2018	2/13/2019	Completed	2/22/2019						AEC	GAL
WAS	STE W	/ASTE-5c	PC/CONS	Abbestos-Containing Materials - Prior to demolition of pipelines, buildings, and associated structures, the project cowner 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 Cosst IAF Qualify Management District, Notification of Demolition or Renovation Form to the CPM as related to asbestos and other materials.	the project owner shall inform the CPM, via the Monthly Compliance		Monthly Compliance Report	Monthly	2/8/2019	Completed	4/13/2019						SERC	GAL
WAS	TE V	VASTE-6	CONS/COM OPS	Nazardosu 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	Report new or temporary Hazardous waste generator ID numbers in Monthly Compliance Report	Monthly Compliance Report	Monthly		In Progress							SERC	GAL
385 WAS	STE V	VASTE-7	CONS/OPS	Enforcement Action Notification - Upon becoming aware of any impending waste management-related enforcement action by any local, stace, or federal authority, the project owner shall notify the CPM of any such action taken, or proposed to be taken, against the project tisself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.		Notify CPM	Within 10 days of becoming aware of an impending enforcement action.	Conditional		Not started	NA						SERC	GAL
WAS	STE W	/ASTE-8a	COM/OPS	Operation Waste Management Plan - The project owner shall prepare an Operation Waste Management Plan for all wastes generated during operation of the facility and shall submit the plan to the CPM for review and approval. See Decision WASTE-8 for specifications.	The project owner shall submit the	Operation Waste Management Plan	No less than 30 days prior to the start of project operation	6/2/2020	6/21/2020	In Progress							SERC	DSR
307 WAS	STE W	/ASTE-8b	COM/OPS	Revised OWMP - See WASTE-8a	The project owner shall submit any required revisions of the Waste Management Plan to the CPM.	Revised Operation Waste Management Plan	Within 20 days of notification from the CPM that revisions are necessary.	Conditional	6/21/2020	In Progress							SERC	DSR
WAS	STE W	/ASTE-8c	OPS	OWMP Report in ACR - See WASTE-8a	Project owner shall also document in each ACR the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generated and management	Status Report	Annual Compliance Report	1/31/2021		Not started							SERC	DSR

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	l Phase:		,					6/30/2040				Construction						
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4				Revised 4/30/2019		Based on Final S	Staff Assessment					Operations						
5 F	echnical esource WASTE	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
200	WASTE	WASTE-9	CONS/OPS	Unauthorized Release Response - The project owner shall ensure that all politor releases of hazardous substances, materials, or waste are reported, cleaned up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements.	The project owner shall document all mustuhrizer derelases and spills of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors to the CPM. Information including the location of release; date and time of release; charcin of release; amount of contaminated soll/material generated; how release was managed and material cleaned up; if the release was reported; to whom the release corrective action and cleanup requirements placed by regulating agencies; leed of cleanup achieved and actions taken to prevent a smillar release or spill; and disposition of any hazardous and communicated solds and materials communicated solds and materials communicated solds and materials communicated solds and materials communicated solds and materials communicated solds and materials communicated solds and materials communicated solds and materials communicated solds and materials of the sold solds and materials and materia		Within 48 hours of the date the release was discovered	Conditional	3/L/2019 6/14/2019	Completed	3/7/2019 6/18/7019						SERC	GAL
		WORKER SAFETY-1a	PC	Construction H&S Program - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See Decision WORKER SAFETY 1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illines 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 Pan shall be submitted to the Crange County Fire Authority for review and comment prior to submittal to the CPM for approval.	The project owner shall submit to the CPM for review and approval a copy of the Project Construction and Safety and Health Program.	Construction Health & Safety Program w/OCFA Comments CFPP and EAP	At least 30 days prior to start of construction	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 3/13/2020				ARB	GAL
		WORKER SAFETY-1b	PC	Construction H&S Program - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See Decision WORKER SAFETY-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the righty and Illines Prevention Program shalb 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 Pan shalb be submitted to the Corange County fire Authority for reviews and comment prior to submittal to the CPM for approval.	The project owner shall provide to the CPM a copy of a letter from the Orange County Fre Authority stating the fire department? comments on the Construction Fire Prevention Plan and the Emergency Action Plan.	Construction Health & Safety Program w/OCFA Comments CFPP and EAP	At least 30 days prior to start of construction	12/3/2018	Original 12/3/2018; Revision 1/17/2019 4/8/2019	Completed	NA NA	1/16/19	2/4/2019	OCFA	12/3/2018 4/6/2020	No response	ARB TTSC	GAL TLB
		WORKER SAFETY-2a	COM/OPS	Operations H&S Program - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Saley and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illiness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Protection System Impairment Programs with all publicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the CPM for review and comment.	The project owner shall submit to the CPM for approval a copy of the Project Operations and Maintenance Safety and Health Program.		At least 30 days prior to the start of first-fire or commissioning	3/17/2020	2/9/2020 2/24/2020	Completed	5/4/2020	3/4/2020	3/11/2020	OCFA	2/9/2020	20-Feb-20	SERC	DSR

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1 Stanto	n Energ	y Reliak	oility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2 All Phas	es						6/30/2040				Construction						
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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
WORKER SAFETY	WORKER SAFETY-2b	COM/OPS	Operations H&S Program. The project owner shall submit to the CPM acopy of the Project Operations and Maintenance Safety and Health Program (See Decision MOKRER SAEFL'2 for specification). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Programs shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	The project owner shall provide a copy to the CPM of a letter from the Grange County Fire Authority stating the fire department's timely comments on the Operations Fire Provention Plan, Fire Protection System Impairment Program, and Emergency Action Plan.	Operations and Maintenance Safety and Health Program w/ comments of OCFA	At least 30 days prior to the start of first- fire or commissioning	3/17/2020	2/25/2020	Completed	5/4/2020						SERC	DSR
WORKER SAFETY	WORKER SAFETY-3a	PC	Construction Safety Supervisor - Provide a site Construction Safety Supervisor (CSS) who is qualified as specified in this condition (See Decision WORKER SAFETY-3 for specifications). The CSS shall perform the duties listed in this condition.	The project owner shall submit to the CPM the name and contact information for the Construction Safety Supervisor (CSS).	CSS Name/Contact	At least 30 days prior to the start of site mobilization	12/3/2018	11/20/2018	Completed	11/21/2018	1/16/2019	1/17/2019 3/16/2020				ARB	GAL
WORKER SAFETY	WORKER SAFETY-3b	PC/CONS	Replacement CSS - See WORKERSAFETY-3a	The contact information of any replacement CSS shall be submitted to the CPM within one business day.	Replacement CSS Name/Contact	Within one business day	Conditional		Not started		Conditional					ARB	GAL
WORKER SAFETY	WORKER SAFETY-3c	CONS	H&S Information Reported in MCR - See WORKERSAFETY-3a	The CSS shall submit health and safety information in the Monthly Compliance Report (See Decision WORKERSAFETY 3 Verification for specifications)	Health and safety information for MCR	Monthly	Monthly		In Progress		Monthly					ARB	GAL
WORKER SAFETY	WORKER SAFETY-4	PC	Agreement to Fund Safety Monitor - The project cowner shall make payments to the Delegate Culrei Building Official (DCBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project owner and the DCBO. Those services shall be in addition to other work performed by the DCBO. The Safety Monitor shall be selected from an independent company not affiliated with the DCBO and and report directly to the DCBO and will be responsible for verifying that the Construction Safety Supervior, as required in Condition of Certification WORKER SAFETY-SI, implements all appropriate (aDCMA) and Energy Commission safety requirements. The Safety Monitor shall conduct on seit feucliding linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.	The project owner shall provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	Proof of Agreement to fund Safety Monitor	At least 60 days prior to the start of construction	11/3/2018	11/1/2018	Completed	1/18/2019	1/25/2019	1/25/2019				SERC	GAL
WORKER SAFETY	WORKER SAFETY-Sa	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 WOMER SAFETYS). The training program shall be submitted to the CPM for review and approval.	Submit to the CPM proof that a portable AED is available on site	Proof of AED	At least 30 days prior to the start of site mobilization	12/3/2018 4/1/2020	11/15/2018 4/2/2020	Completed	12/11/2018	1/22/2019 (Ref Only)	1/23/2019				ARB	GAL
WORKER SAFETY	WORKER SAFETY-5b	PC	Automatic External Defibrillator - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See Decision WORKER SAFETY-S). The training program shall be submitted to the CPM for review and approval.	Submit to the CPM a copy of the training and maintenance program for review and approval.	Training Program	At least 30 days prior to the start of site mobilization	12/3/2018 4/1/2020	11/15/2018 4/2/2020	Completed	12/11/2018	1/22/2019 (Ref Only)	1/23/2019				ARB	GAL
WORKER SAFETY	WORKER SAFETY-6a	PC	Emergency Access Plan - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton site where the specifications of the roadway will comply with the Stanton Municipal Gode and the 2016 of patest elition California Fire Code. A secondary access must be maintained to the standards listed above for the life of the project.	The project owner shall submit the Emergency Access Plan showing the secondary emergency access to the Orange County Fire Authority for review and timely comment	Emergency Access Plan	At least 60 days prior to the start of construction, or within a time frame approved by the CPM	12/6/2018	11/2/2018	Completed	11/15/2018	1/18/2019 (Ref Only)	1/18/2019	OCFA	11/2/2018 12/11/2018		Jacobs	GAL
WORKER SAFETY	WORKER SAFETY-6b	PC	Emergency Access Plan - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Santons site where the specifications of the roadway will comply with the Stanton Misterio Code and the 2016 of leatest 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

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3	AllTilas												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		Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
403	WORKER SAFETY	WORK		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 Country Fire Authority for review and timely comment	Emergency Access Plan showing the secondary emergency access road	90 days before a change to the secondary access would occur	Conditional	NA	Not started				OCFA			JACOBS	GAL
404	WORKER SAFETY	WORK	KER Y-6d	PC/CONS	Emergency Access Plan, Revised - See WORKERSAFETY- Ga	If a change to the secondary access is proposed by the project owner must submit the proposed change, with an updated Emergency Access Plan that shows the new proposed location/ arrangement for the secondary emergency access road, to the CPM for review and approval.	Emergency Access Plan showing the secondary emergency access road	91 days before a change to the secondary access would occur	Conditional		Not started							JACOBS	GAL
405	WORKER SAFETY	WORK	KER Y-7a	PC/CONS	Fire Pracetion System Specifications - The project owner shall adhere to all applicable provisions of the latest version of MPPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project owner shall interpret and adhere to all applicable MPPA 850 recommended provisions and actions stating "should" as "shall," In any stutations where both MPPA 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 NPPA 850. The project owner shall provide all fire protection system specifications and drawings to the Orange County Fire Authority for review and comment	Fire protection system specifications and drawings to the OCFA	At least 60 days prior to the start of construction of the fire protection system	7/28/2019	NA NA	Completed				OCFA OCFA	2/4/2019 11/21/19		POWER	TAT
	WORKER SAFETY	WORK		PC/CONS	Fire Protection System Specifications - The project owner shall adhere to all applicable provisions of the latest version of MFPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project owner shall interpret and adhere to all applicable MFPA 850 recommended provisions and actions stating "should" as "shall," In any stustations where both MFPA 850 and the state or local LORS have application, the more restrictive shall apply.	The project owner shall ensure that project adheres to all applicable provisions of NPPA 850. The project owner shall provide all fire protection system specifications and drawings to the CPM for review and approval	Fire protection system specifications and drawings to the CPM	At least 60 days prior to the start of construction of the fire protection system	12/6/2018	2/6/2019 4/22/2019 12/16/2019 7/24/2020	In Progress							Power	GAL
406	WORKER SAFETY	WORK		PC/CONS	Fire Protection System Specifications - The project owner shall adhere to all applicable provisions of the latest version of PMPA 850. Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project owner shall interpret and adhere to all applicable MPPA 850 and recommended provisions and actions stating 'should' as 'shall' in any stutiations where both MPPA 850 and the state or local LOIG have application, the more restrictive shall application, the more	The project owner shall ensure that the project adheres to all applicable provisions of NFPA. 80.0. 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	to the start of	7/28/2019	NA	Completed		7-1.0: 2/4/19 7-2.0: 3/29/19 7-3.0: 4/18/19 7-4.0: 4/18/19 7-5.0: 4/18/19 7-6.0: 5/1/19 7-9.0 10/16/19 7-12.0 5/5/20	7-1.0: 5/14/19 7-2.0: 5/15/19 7-3.0: 5/16/19 7-4.0: 7-5.0: 7-6.0: 5/14/19 7-9.0: 10/29/19 7-12.0 5/18/20				Power	GAL
408	WORKER SAFETY	WORK		PC/CONS	UI 950 Certification - The project owner shall ensure that the lithium ton battery energy storage system has UL Standard for Safety for fenergy 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 Courty Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange Courty 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 echitication 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 GPM	design certification for the ESS, or copy of the contract with UL to	At least 60 days prior to the start of construction of BESS	10/3/2019	11/1/2018	Completed	11/13/2018						SERC	GAL

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1 2	Stanto	n Energy	v Relial	pility 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		Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
409	WORKER SAFETY	WORKER SAFETY- 8a.1	PC	UL \$540 Certification - The project owner shall ensure that the likhium ion battery energy storage system has UL Standard for safety for Energy Storage Systems and Equipment, UL 990A certification. The Project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Grange Country Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Grange Country 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.	UL (or authorized UL agent) to perform a field certification during	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	NA	Completed		(Ref Only) 10/14/2019 10/20/2019	5/1/2020				SERC	GAL
410	WORKER SAFETY	WORKER SAFETY-8b	PC	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage System and Equipment, UL 9540 certification. The project owner shall submit the certification of sing with the fire protection drawings and specifications for the ESS to the Grange County Fire Authority 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.	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	NA NA	Completed				OCFA	4/20/2020 4/29/2020		SERC	GAL
411	WORKER SAFETY	WORKER SAFETY- 8b.1	PC/CONS	US 960 Cartification - The project owner shall ensure that the lithium ion battery energy storage system has U. Sandard for Safety for Energy Storage System 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 Grange County Fire Authority 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 CPM for review and approval.	The project owner shall provide the complete ESS fire protection drawings and specifications to the CPM for review and approval.	At least 60 days prior to the start of construction of the BESS	10/3/2019	5/21/2020 7/24/2020	In Progress							SERC	GAL
412	WORKER SAFETY	WORKER SAFETY- 8b.2	PC/CONS	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL standard for Safety for Energy Storage System and Equipment, UL 9540 certification. The project owner shall submit the certification of singuith the fire protection drawings and specifications for the ESS to the Grange County Fire Authority 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 tithium ion ESS located on site.	the complete ESS fire protection drawings and specifications to the	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	NA NA	Completed		(Ref only) 4/20/2020	4/30/2020				SERC	GAL
413	WORKER SAFETY	WORKER SAFETY- 8c.1	PC/CONS	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL standard for Safety for Energy Storage System and Equipment, UL 9540 certification. The project owner shall submit the certification of sing with the fire protection drawings and specifications for the ESS to the Grange County Fire Authority 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 project owner shall submit a copy of letter from U. stating that the design drawings for the ESS have been reviewed and meet U. 9540 requirements for performing a field certification to the CPM	Letter from UL to CPM	At least 60 days prior to the start of construction of the BESS	10/3/2019	5/28/2020	In Progress							SERC	GAL

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₁ St	antor	n Energy	Reliabi	ility Center Compliance Matrix (16	-AFC-01)							Pre-Construction						
	Phases				,		'	6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment					Operations						
	chnical source	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
	AFETY	WORKER SAFETY- 8c.2	PC/CONS	UL 9540 Certification - The project owner shall ensure that the lithium too battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9504 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Grange 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 project owner shall submit a copy of letter from UL stating that the design drawings for the ESS have been reviewed and meet UL 9540 requirements for performing a field certification to the CBO	Letter from UL to CBO	At least 60 days, prior to the start of construction of the BESS	11/1/2019	NA	Completed		(Ref only) 4/20/2020			U.		SERC	GAL
		WORKER SAFETY-8e	CONS	Letter to OCFA - See WORKERSAFETY-8a	The project owner shall provide a copy of a letter sent from the project owner to the OCFA offering collaboration and assistance in developing standard operating procedures for first responders to deal with any lithium ion battery fires occurring at the project site.	Copy of letter to OCFA offering to develop procedures for first responders to any lithium ion battery fires that may occur at the project site, to CPM for review and approval.	At least 60 days prior to commissioning of BESS	5/28/2020	6/5/2020	in Progress							SERC	GAL
		WORKER SAFETY- 8e.1	CONS	Letter to OCFA - See WORKERSAFETY-8a	The project owner shall provide a copy of a letter sent from the project owner to the OCFA offening collaboration and assistance in developing standard operating procedures for first responders to deal with any lithium ion battery free socuring at the project site to the CBO for reference only.	Copy of letter to OCFA offering to develop procedures for first responders to any lithium ion battery fires that may occur at the project site, to CBO for reference only.	At least 60 days prior to commissioning of BESS	5/28/2020	NA	Completed		(Ref only) 6/23/2020		OCFA	1/9/2020 6/5/2020		SERC	GAL
		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	7/27/2020		Not Started							SERC	GAL
		WORKER SAFETY-8f.1	CONS	Final UL Certification of ESS - See WORKERSAFETY-8a	The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CBO.	Final UL Certificaction of ESS to CBO for reference only.	Prior to the start of BESS commissioning	7/27/2020	NA			(Ref only)					SERC	GAL
418					COO.					Not started								

Attachment 3 – Air Quality



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

Air Quality Monthly Compliance Report

July 2020

Project Name Stanton Energy Reliability Center (SERC) (16-AFC-1C)

Attention Tim Bofman, SERC, LLC

From Hong Zhuang, Jacobs

SERC CEC Designated Air Quality Construction Mitigation Manager

Date August 6, 2020

Copies to Mike Malsy, Wellhead

John Kimble, Wellhead

Sharon Stureman, SERC, LLC

Doug Davy, Jacobs Karen Parker, Jacobs

This Monthly Compliance Report (MCR) summarizes the activities conducted at the Stanton Energy Reliability Center (SERC site) in July 2020 to demonstrate compliance with California Energy Commission Conditions of Certification (COCs) for air quality AQ-SC3, AQ-SC4, and AQ-SC5. The required documentation for these COCs is provided in the sections below. There were no construction activities at the Southern California Edison's SERC 66KV Interconnection Project site (SCE site) in July 2020.

AQ-SC3 Construction Fugitive Dust Control

AQ-SC3 requires control measures to mitigate fugitive dust created by project construction activities. AQ-SC3 also requires that the MCR include the following:

- A summary of all actions taken to maintain compliance with this condition (including sweeping log entries)
- Copies of any complaints filed with the South Coast Air Quality Management District (SCAQMD or District)
- Any other documentation deemed necessary by the Compliance Project Manager (CPM),
 District, or Air Quality Construction Mitigation Manager (AQCMM) to verify compliance with
 this condition. Such information may be provided in electronic format or on disk media at the
 project owner's discretion

Fugitive dust was controlled primarily by maintaining vehicle speeds of 10 miles per hour or less on unpaved areas and applying water during soil disturbing activities. Signs have been posted at entrances to the construction site, limiting vehicle speeds to 10 miles per hour. To verify compliance with AQ-SC3, a fugitive dust control checklist was completed each day at each site. The daily field checklists for fugitive dust control and the sweeping logs are provided in Attachment A and are summarized in Table 1 below.

1



Table 1. Fugitive Dust Control Measures

AQ-SC3

Implementation Measure	Out of Compliance- Trigger	In Compliance-Trigger ^a	Results During Compliance Period
All main access roads onsite are paved or stabilized	No – Dust plumes originating from access roads	Yes – No dust plumes originating from access roads	Yes – In compliance
All unpaved roads of the construction site are watered as frequently as necessary to prevent dust plume	No – Dust plumes originating from unpaved roads	Yes – No dust plumes originating from unpaved roads	Yes – In compliance
All disturbed areas of the construction site are watered as frequently as necessary to prevent dust plume	No – Dust plumes originating from disturbed areas	Yes – No dust plumes originating from disturbed areas	Yes – In compliance
Maximum speed limit of 10 miles per hour on unpaved surfaces	No – Vehicles exceeding 10 miles per hour on unpaved areas	Yes – vehicles travel 10 miles per hour or less on unpaved areas	Yes – In compliance
Visible speed limit signs posted at construction site entrances	No – No signs posted	Yes – Signs posted	Yes – In compliance. Ten miles per hour speed limit is posted.
Wheel inspection or wash stations in place	No – Track-out into roadways not managed	Yes – No track-out observed or track-outs were cleaned up immediately.	Yes – In compliance. Tire cleaning to be conducted if needed.
At least 20-foot-long gravel ramps at wheel inspection / wash stations	No – 20-foot-long gravel ramps not present	Yes – 20-foot-long gravel ramps present	Not applicable (NA) – Shaker plates installed. Gravel ramps are installed as needed.
All unpaved exits are graveled or treated	No – Dirt entering roadways	Yes – No dirt entering roadways	Yes – In compliance. Shaker plates were installed at the unpaved exit. Gravel ramp is added.
Entrance limited to treated roadways	No – Entrance not limited	Yes – Entrance limited	Yes - In compliance
Storm Water Pollution Prevention Plan (SWPPP) control measures implemented	No – Contaminated storm water runoff found in roadways	Yes – No contaminated storm water runoff found in roadways	Yes – In compliance. Best Management Practices (BMPs) are installed.
Paved roads within the site swept as needed	No – Dirt / debris accumulated	Yes – Site clean	Yes – In compliance
At least 500 feet of any paved roadway exiting site swept as needed	No – visible dirt within 500 feet of roadway entrance	Yes – No dirt observed	Yes – In compliance
Soil storage piles and disturbed areas inactive for more than 10 days are covered or treated	No – Dust plumes originating from storage piles and disturbed areas	Yes – No dust plumes from storage piles and disturbed areas	Yes – In compliance
Bulk material transport offsite is covered or treated and loaded with at least two feet of freeboard	No – Visible emissions from bulk material transport	Yes – No visible emissions from bulk material transport	Yes – In compliance
Wind erosion control techniques used for disturbed, unstabilized construction areas	No – Visible dust from disturbed, unstabilized construction Areas	Yes – No visible dust from disturbed, unstabilized construction areas	Yes – In compliance. Wind breaks installed as needed

^aSite is noted as in compliance if the activity did not occur during the compliance period.

AQ-SC4 Dust Plume Response Requirement

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



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

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

Visible dust plumes with the potential to be transported offsite were not observed in July 2020 at the two construction sites. No air quality-related complaints were received during this reporting period.

AQ-SC5 Diesel-Fueled Engine Control

AQ-SC5 requires that all off-road diesel construction equipment used on the project be powered by the cleanest engines available that also comply with California Air Resources Board's (CARB) Regulation for In-Use Off-Road Diesel Fleets. AQ-SC5 requires that the MCR include the following:

- A summary of all actions taken to control diesel construction related emissions
- A list of all heavy equipment used on site during that month, including the owner of the
 equipment and a letter from each owner indicating that the equipment has been properly
 maintained
- Any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk media at the project owner's discretion.

The following off-road diesel equipment was used at the SERC sites in July 2020 and tagged to indicate compliance with AQ-SC5:

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

Attachment B provides a table summarizing information about the engines, including the CARB Engine Identification Number (EIN), tier, and the dates the equipment was used at the project site. A PERP registered generator with a Tier 3 engine was used at the site and left the site the same day during this reporting period. The equipment was identified as the necessary tool to efficiently perform the construction activities and searching for a Tier 4 equipment to meet the work schedule for such short work duration is considered not practical. Attachment B contains the AQ-SC5 daily field checklists for off-road diesel engines used at site and letters from the equipment owners indicating the equipment has been properly maintained

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

AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Michael Malsy Option 2020 08 05 16:56:31 7/1/2020		Form: SERC-CAQ-001
	Response	
Construction Fugitive Dust Control (AQ-SC3) Checklist Item Are all unpaved roads and disturbed areas watered as frequently as necessary?	(yes/no)	If no, describe corrective action required and/or in progress
Are all unipaved roads and disturbed areas watered as frequently as frecessary:	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?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	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 sufficien	t wetting to	imit 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 algoed by Michael Malsy Date: 2020.08.05 16:56:16 Michael Malsy Digitally algoed by Michael Malsy Date: 207000 Michael Malsy Digitally algoed by Michael Malsy Date: 207000 Michael Malsy Digitally algoed by Michael Malsy Date: 207000 Michael Malsy Digitally algoed by Michael Malsy Date: 207000 Michael Malsy Digitally algoed by Michael Malsy Date: 207000 Michael Malsy Digitally algoed by Michael Malsy Date: 207000 Michael Malsy Digitally algoed by Michael Malsy Date: 207000 Michael Malsy Digitally algoed by Michael Malsy Digitally algoed by Michael Malsy Date: 207000 Michael Malsy Digitally algoed by Michael Malsy Digitally algoed by Michael Malsy Date: 207000 Michael Malsy Digitally algoed by Michael Malsy Digitally algoed by Michael Malsy Date: 207000 Michael Malsy Digitally algoed by Michael Malsy Digitally algoed by Michael Malsy Date: 207000 Michael Malsy Digitally algoed by Michael Malsy Digitally algoed by Michael Malsy Date: 207000 Michael Malsy Digitally algoed by Michael Malsy Digitally algoed		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	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?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	
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AQCMM or Delegate name: Mike Malsy AQCMM or Delegate signature: Date: Michael Malsy Digitally signed by Michael Malsy Digitally signed by Digit		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	
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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	
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ADDITIONAL NOTES:		

AQCMM or Delegate name: Mike Malsy AQCMM or Delegate signature: Michael Malsy Date: 7/6/2020		Form: SERC-CAQ-001
Date		
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	
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AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Digi		Form: SERC-CAQ-001
Date:		
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	
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ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Date: Mike Malsy Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 16:58 23 Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 16:58 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	
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Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	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	
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ADDITIONAL NOTES:		

AQCMM or Delegate name: Mike Malsy Digitally slowed by Michael Malayy		Form: SERC-CAQ-001
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 16:58:56 -07'00'		
Date: 7/9/2020		
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	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?	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	
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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	
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ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 17:38:35 Michael Malsy Date: 7/10/2020		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	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	
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Are equipment and vehicles using designated onsite roads?	Υ	
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Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	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 algred by Michael Malsy Date: 2020.08.05 17-40:21		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	
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ADDITIONAL NOTES:		

AQCMM or Delegate name: AQCMM or Delegate signature: Date: Mike Malsy Michael Malsy Digitally signed by Michael Mals		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 Date: 7/14/2020 Michael Malsy Date: 7/14/2020		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	in the describe confective action required analysis in progress
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	
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ADDITIONAL NOTES:		

AQCMM or Delegate name: Mike Malsy AQCMM or Delegate signature: Date: Michael Malsy Digitally signed by Michael Malsy Date: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 17.41.42 Michael Malsy Digitally signed by Michael Malsy Date: 2070.08.05 17.41.42		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	
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Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc.) used on construction areas that may be disturbed?	Υ	
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ADDITIONAL NOTES:		

AQCMM or Delegate name: Mike Malsy AQCMM or Delegate signature: Date: Michael Malsy Digitally signed by Michael Malsy Date: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 17.42-13		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?*	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: 2020.08.05 17-42-39 All T/17/2020		Form: SERC-CAQ-001
Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	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: 2020.08.05 17.43.03 Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 17.43.03		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 aigned by Michael Mals		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 signed by Michael Malsy Date: 2020.08.05 17-4420 Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 17-4420		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 Digitally signed by Michael Malsy Date: 2020.08.05 17-44-46 Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 17-44-46		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?	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?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	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: Date: Mike Malsy Digitally signed by Michael Malsy Date: 2020.08.05 17-45-10 Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 17-45-10		Form: SERC-CAQ-001
	Response	
Construction Fugitive Dust Control (AQ-SC3) Checklist Item		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 Date: 7/24/2020 Michael Malsy Date: 7/24/2020		Form: SERC-CAQ-001
Construction Funition Point Control (AQ CC2) Charactive Name	Response	
Construction Fugitive Dust Control (AQ-SC3) Checklist Item		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?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	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: 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?*	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: 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?*	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 Digitally signed by Michael Malsy Date: 2020 08.05 17:48:04		Form: SERC-CAQ-001
	Response	T
Construction Fugitive Dust Control (AQ-SC3) Checklist Item		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?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	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: AQCMM or Delegate signature: Michael Malsy Date: 7/29/2020 Michael Malsy Date: 7/29/2020		Form: SERC-CAQ-001
	Response	
Construction Fugitive Dust Control (AQ-SC3) Checklist Item		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?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	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: Mike Malsy AQCMM or Delegate signature: Date: Michael Malsy Digitally signed by Michael Malsy Date: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 17-48.58		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 Mals		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:		

Month/Year					Operator Signature	Comments				
07/			Area (Check i							
Date	Time	Onsite	Pacific	Fern						
7/1/2020	8:00/2:00	×			GABRIEL ESPINOZA					
7/2/2020	11:00	×			GABRIEL ESPINOZA					
7/3/2020	2:00	×			GARRIEL ESPINOZA					
7/4/2020	1:30	X			GABRIEL ESPINOZA					
7/5/2020					OFFSITE					
7/6/2020	9:00/3:00	×			GABRIEL ESPINOZA					
7/7/2020	7:30/3:30	×			GABRIEL ESPINOZA					
7/8/2020	9:00	×			GABRIEL ESFINORA					
7/9/2020	1:00	×			C-ABRIEL ESPINOZA					
7/10/2020	10:00	×			GABRIEL ESTINOZA					
7/11/2020	3:00	×			GABRIEL ESPINOZA					
7/12/2020					OFFSITE					
7/13/2020	2:30	X			GABRIEL ESPINOZA					
7/14/2020	7:30	×			GARRIEL ESPINOZA					
7/15/2020	8:00	X			GARRIEL ESPINOZA					
7/16/2020	10:30	×			GABLIEC ESPINOZA					
7/17/2020	2:30	×			GABRIEL ESPINOZA					
7/18/2020	2:30	X			GABRIER ESPINEZA					
7/19/2020					OFFSITE					
7/20/2020	10:30	X			GABRIEZ ESPINOZA					

Month/Year					Operator Signature	Comments
07/20	20	Sweeping	Area (Check i	f swept)		
Date	Time	Onsite	Pacific	Fern		
7/21/2020	16:30	×			GABRICE ESPINOZA	
7/22/2020	11:00	×			GABRIER ESPINERA	
7/23/2020	9:30	×			GABRIEL ESPINOZA	
7/24/2020	2:30	×			GABRIER ESPINORA	
7/25/2020	2:30	×			GABRIEL ESPINOZA	
7/26/2020					OFFSITE	
7/27/2020	9:00	×			GABRIEL ESPINERA	
7/28/2020	8:30	*			GABRIEL ESPINOZA	
7/29/2020	2:30	×			GABRIEL ESPINOZA	
7/30/2020	2:30	×			CABRIEL ESPINOZA	
7/31/2020	2:30	×			GABRIEL ESPINA	

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

SERC Offroad Diesel Equipment Inventory July 2020

						E	quipment					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	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	50 and available Time Avanified based in
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	JJ6N585NLECT0565	9 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	САТ	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	ECR2353I - Excavator	2017	310653	Lalonde	Ortiz	Deutz	GDZXL05.7053	D6J	5.702	2016	11974476	173	4	u-r-013-0523	Green tag issued 02/27/2019	
		AC5T48	SERC_008	Deere	710K - Backhoe	2015	1T0710KXEFE280027	Ortiz	Ortiz	John Deere Power Systems	EJDXL06.8210	6068HT079	NA	2014	PE6068R101462	130	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	САТ	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	САТ	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 3/7/2019	
3/12/2019	3/18/2019	RG5N99	SERC_013	CAT	966K Wheel Loader	2011	TFS00270	Ortiz	Ortiz	CAT	BCPXL09.3HPA	C9.3	9.3	2011	MME03431	274	41	u-r-001-0409	Green Tag issued on 3/15/2019	
3/20/2019	3/25/2019	YJ4K66	SERC_014	JLG	Forklift - 54'	2014	160057617	Sunstate	ARB	Cummins	DCEXL04.5AAE	QSB\$.5	4.5	2014	73617640	130	41	u-r-002-0586	Green Tag issued on 3/22/2019	Will only be on site for a few days while SERC ID: SERC_012 is offsite for repairs
3/21/2019	8/30/2019	KT3V94	SERC_015		Forklift - Varialbe Reach			United Rentals					2.9			74	41			SERCID. SERC_012 is diffice for repairs
				Genie	Forkiit - Variaibe 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
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	issued.
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
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	tag not issued
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	
														1						Tier relief requested. CEC received
9/2/2019	11/21/2019	TX5P83	SERC_31	Manitowoc	Manitowoc 999	2002	9991103	Maxim Crane Works	ARB	Cummins	2CEXL0661AAF	QSM11	11	2008	35055789	350	2	u-r-002-0144	Green Tag Issued 9/5/2019	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		41	EPA Certified	Blue Tag Issued 9/13/2019	Removed from site 9/18/2019. Green tag not issued
9/16/2019	10/25/2019	WP9E86	SERC_034	JLG	660SJ Manlift	2015	300206993	Sunstate	ARB	Deutz	FDZXL02.9020	TD2.9L4	2.925	2015	11777630	67	4	u-r-013-0496	Green tag issued 9/20/2019	
9/23/2019	1/31/2020	XG7V58	SERC_035	Grove	GRT880 Crane	2017	235778	ARB	ARB	Cummins	GCEXL06.7AAK	QSB6.7	6.7	2016	74026109	275	4	u-r-002-0639	Green Tag Issued 10/01/2019	
10/8/2019	2/24/2020	NL7M56	SERC_036	JLG	600AJ Articulating Boom Lift	2014	10281594	United Rentals	ARB	DEUTZ	EDZXL02.9020	TD2.9L4	2.19	2014	11598545	67	4	U-R-013-0472	Green Tag Issued 10/22/2019	
10/25/2019	11/4/2019	SG9H76	SERC_037	JLG	860SJ 85' Boom lift	2017	300233300	Sunstate Rentals	ARB	Deutz	HDZXL02.9020	TD2.94L	2.925	2017	12033372	67	4	u-r-013-0527	Green Tag Issued 10/31/2019	
11/4/2019	4/28/2020	DA7T55	SERC_038	CAT	308E2 Excavator	2014	FXJ01664	ARB	ARB	Kubota	EKBXL03.3EKD	C3.3B	3.3	2014	8EE2909	65	4	u-r-025-0614	Green Tag issued 11/21/2019	
11/4/2019	3/5/2020	XM8N56	SERC_039	JLG	Boom Lift	2016	300216443	SunState	ARB	DeutZ	GDZXL02.9020	TD2.9L4	2.92	2016	11867769	67	4	u-r-013-0506	Green Tag issued 11/21/2019	
11/19/2019	12/2/2019	JX4T34	SERC_040	CAT	259D Skid Steer loader	2019	FTL20141	Quinn Heavy Rents	ARB	Kubota	JKBXL03.3EKD	C3.3B	3.33	2018	8JQ3031	73	4	u-r-025-0786	Green Tag issued 11/21/2019	
11/20/2019	2/21/2020	SX6J96	SERC_041	JLG	800AJ Boom Lift	2018	10790746	United Rentals	ARB	Deutz	JDZXL02.9020	TD2.94L4	2.9	2018	12165591	67	4	u-r-013-0553	Green Tag issued 11/21/2019	Transfer Renter from Newtron to ARB on 1/28/2020. Eqpt remain on site.
11/21/2019	1/14/2020	JJ6V59	SERC_042	JLG Boom Lift	660SJ Boom Lift	2018	300246305	Sunstate	ARB	Deutz	JDZXL02.9020	TD2.9L4	2.92	2018	12163940	67	4	u-r-013-0553	Green Tag issued 11/21/2019	, , , , , , , , , , , , , , , , , , ,
12/2/2019	12/20/2019	TP8N95	SERC_043	Case	580 Super N Back Hoe	2014	JJGN58SNKEC705265	Tom's Back Hoe	ARB	FPT	EFPX L03.4ADD	F5HFL413C*A	3.4	2014	000189488	97	4	u-r-015-0259-1	Green Tag issued 12/5/12019	Formerly SERC_026
12/9/2019	12/12/2019	BJ8F34	SERC_044	Bob cat	Bobcat S630 Skid Steer Loaded	2017	AHGL13302	Sunstate	Alcorn Fence	Doosan	GDICL2.4LEA	D24	2.94	2017	6087495	74	4	u-r-019-0141	Green tag not issued	Equipment left in 4 days.
12/11/2019	12/17/2019	JL7G69	SERC_045	JCB	509-42 Rough Terrain Forklift	2015	10423918	United Rentals	Newtron	JCB Power Systems	EJCBL04.4TA9	444 TA4-81 L1A	4.4	2014	40983U3460614	109	41	U-R-049-0036	Green Tag issued 12/17/2019	
12/11/2019	4/10/2020	XS3Y34	SERC_046	JCB	509-42	2014	10265927	United Rentals	Newtron	JCB Power Systems	EJCBL04.4TA9	444 TA4I-81L1	4.4	2014	SH320/40532U0619714	109	41	U-R-049-0036	Green Tag issued 12/17/2019	
12/12/2019	5/4/2020	JX4T34	SERC_047	CAT	Rough Terrain Forklift 259D	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	Skid Steer loader G10-55A	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	,
,,,	_, _0, _020	_ 55.150	020_040		55' Forklift			5 3 Date inclined		- Jannanii J		30.0.0			2230000					

SERC Offroad Diesel Equipment Inventory July 2020

						Eq	juipment					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>	Renter	<u>Manufacturer</u>	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	<u>Diesel</u> (hp)	<u>Tier</u>	Engine Certification on File	Compliance Tag	<u>Notes</u>
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	41	u-r-006-0376	Green tag not issed. Equipment not used	Contractor demobilized on 3/20/20. Equipment not used.
3/30/2020	4/17/202	RX4E83	SERC_055	GEHL	Forklift 42' 8k RS8-42	2013	RS842JE0417351	Sunstate Rentals	TTSC	John Deere	DJDXL04.5211	4045HFC920	4.5	2013	PE4045R028188	115.3	41	U-R-004-0471	Green Tag issued 04/03/2020	
3/30/2020	5/26/2020	DC9G67	SERC_056	John Deere	Back Hoe 410L	2016	1T0410LGAXF294681	Boer	Boer	John Deere	GJDXL04.5305	4045HT082	4.5	2016	PE4045	113	4	U-R-004-0514	Green Tag issued 04/03/2020	
3/30/2020	4/16/2020	XL6K76	SERC_057	John Deere	Excavator 345LC-6	2020	1FF345GXPKF020536	LaLonde	Boer	Isuzu Motors Limited	KSZXL07.8QXA	AQ-6HK1X	7.79	2019	1ZU6HK1934634	197	4	U-R-006-0471	Green Tag issued 04/03/2020	
4/2/2020	4/15/2020	MS8H44	SERC_058	Volvo	SD115B Roller	2016	1011402	LaLonde	Boer	Deutz AG	GDZXL04.1054	DJ4	4.038	2016	11890136	148	4	U-R-013-0512	Green Tag issued 04/03/2020	
4/13/2020	4/21/2020	RD6V74	SERC_059	Hyster	H210HD 21K Forklift	2017	NA	Pape	TTSC	CUMMINS	GCEXL04.5AAH	QSB4.5 160	4.5	2016	22211239	160	4	U-R-002-0629	Green Tag Issued 4/15/2020	
4/17/2020	6/9/2020	RX6V57	SERC_060	JLG	JLG 8042	2013	0160050533	Sunstate	TTSC	Cummins	CCEXL03.3ADA	QSB3.3	3.3	2012	68603511	71	4	U-R-002-0583	Green tag issued 4/25/2020	
4/22/2020	4/24/2020	PM5V39	SERC_061	Volvo	Roller DD120C	2020	VCED120CAOS288151	LaLonde	Boer	Deutz AG	JDZXL04.1054	D4J	4.038	2018	12306227	148	4	U-R-013-0548-1	Green tag not issued. Equipment left in 2 days	
4/22/2020	5/26/2020	GX6H54	SERC_062	Case	Skiploader 570NXT	2013	JJGN570NTDC593026	Boer	Boer	FPT Industrial S.P.A.	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	Green tag not issued. Equipment left same day	
5/1/2020	7/28/2020	TW9K96	SERC_065	JLG	G518A 5K Forklift	2018	160086948	Sunstate	TTSC	Deutz AG	HDZXL02.9020	TD2.9L4	2.925	2017	12134505	74	4	U·R-013·0527	Green Tag issued 5/4/2020	
5/1/2020	5/7/2020	TV8Y87	SERC_066	Grove	RT890E Crane	2015	235214	Reliable Construction Services, LLC	Madd Steel	Cummins	FCEXL06.7AAK	QSB6.7I	6.7	2015	73861978	164	4F	U-R-002-0617	Green tag issued 5/4/2020	
5/7/2020	5/26/2020	RD6V74	SERC_067	Hyster	H210HD 21K Forklift	2017	NA	Pape	TTSC	CUMMINS	GCEXL04.5AAH	QSB4.5 160	4.5	2016	22211239	160	4	U-R-002-0629	Green tag issued 5/7/2020	
5/18/2020	6/3/2020	DH9V66	SERC _068	TADANO	Crane GR900XL	2017	549689	Mr Crane	Mr Crane	Cummins	GCEXL06.7AAK	QSB6.7	6.7	2016	26648765	270	4	U-R-002-0639	Green tag issued 6/1/2020	
5/22/2020	Onsite	WX6G44	SERC_069	Bobcat	Skidsteer/Loader S630	2016	NA	United Rentals	TTSC	Doosan Daewoo	GDICL02.4LEA	D24NAP	2.4	2016	6069633L03	74	4	U-R-019-0141	Green tag issued 6/1/2020	
5/27/2020	5/27/2020	ML7P96	SERC_070	CAT	Skidsteer/Loader Cat 232	2015	58366-21	Cole Equipment Co	Alcorn Fence	CAT	FH3XL2.22TDI	C2.2	2.216	2015	C8200247	67	4	EPA Certified	No tag issed. Left the same day	Left site 5/27/2020
6/5/2020	6/9/2020	YW9L68	SERC_071	Hyster	Forklift 15K H155FT	2018	NA	Pape	TTSC	Kubota	JKBXL03.8AMD	V3800-CR-TI-EV04	3.8L	2018	2JC3716	107	4	U-R-025-0789	Green tag not issued. Equipment let in 3 days.	
6/9/2020	Onsite	XS3U35	SERC_072	JLG Manufacturing	8K Reach Forklift JLG 8042L	2015	160070680	Sunstate	TTSC	Cummins	FCEXL03.8AAA	QSF3.8	3.8L	2015	82241581	89	4	U-R-002-0620-2	Green Tag issued 6/9/2020	
6/9/2020	Onsite	RD6V74	SERC_073	Hyster	H210HD 21K Forklift	2017	NA	Pape	TTSC	CUMMINS	GCEXL04.5AAH	QSB4.5 160	4.5	2016	22211239	160	4	U-R-002-0629	Green Tag issued 6/9/2020	Formerly SERC_067
6/10/2020	Onsite	SM6N87	SERC_074	JLG Manufacturing	600AJ Articulating Boom Lift	2014	300192692	Sunstate	TTSC	Deutz AG	EDZXL02.9020	TD2.9L4	2.925	2014	11633324	67	4	U-R-013-0472	Green Tag issued 6/30/2020	
6/11/2020	6/11/2020	RG7G54	SERC_075	Grove	GMK5275	2012	476A52204CS003167	Mr Crane	TTSC	Cummins	ACEKL019.AAD	QSB6.7	6.7	2010	79577957	220	3	U-R-002-0571-1	No Tag issued. Left the same day	Equipment left the same day
6/18/2020	6/29/2020	179923	SERC_076	Cummins	C150D2RE-Generator	2018	NA	United Rentals	TTSC	Cummins	JCEXL06.7AAL	QSB7-G	6.7	2018	NA	274	4	U-R-002-0675	Verified Tier 4. No tag issued	Delayed data collection
6/12/2020	6/23/2020	UY8S89	SERC_077	JLG	Forklift 15K 1664 1255	2019	NA	United Rentals	TTSC	Deutz AG	KDZXL03.6060	TCD3.6L4	3.6	2019	12432900	134	4	U-R-013-0578	Verified Tier 4. No tag issued	Delayed data collection
6/12/2020	6/23/2020	KT9X58	SERC_078	JLG	12K Forklift ZB2044	2019	NA	United Rentals	TTSC	Cummins	KCEXXL03.8AAA	QSF3.8	3.8	2019	22363815	56	4	U-R-002-0689	Verified Tier 4. No tag issued	Delayed data collection
6/12/2020	6/22/2020	KU6J94	SERC_079	Skyjack	20K Forklift	2017	85800128	Sunstate	TTSC	Cummins	HCEXLO3.8AAA	QSB4.5C	4.5	2017	74090386	168	4	U-R-002-0649	Verified Tier 4. No tag issued	Delayed data collection
6/10/2020	6/23/2020	CA7B63	SERC_080	SkyTrak	8042	2017	160082312	Sunstate	TTSC	Cummins	HCEXLO3.8AAC	QSF3.8	3.8	2017	89927663	74	4	U-R-002-0647	Verified Tier 4. No tag issued	Delayed data collection
6/10/2020	6/23/2020 6/29/2020	TE5J55 WV6G36	SERC_081	SkyTrak John Deere	8042L 310SK	2016	160076971 1T0310SKVEE263742	Sunstate Boer	TTSC	Cummins	QCEXL03.8AAA EJDXL04.5211	QSF3.8 4045HT073	3.8 4.5	2016	89835415 ———————————————————————————————————	89 96	4 ————————————————————————————————————	U-R-002-0640-1 U-R-004-0482	Verified Tier 4. No tag issued Verified Tier 4. No tag issued	Delayed data collection
			SERC_082		G518A	2014				Cummins				2014			41			Delayed data collection
7/23/2020	7/28/2020	LD4G88	SERC_083	JLG	5K Forklift	2019	0160098530	Sunstate	TTSC	Deutz	KDZXL02.9020	TD2.9L4	2.92	2019	12395884	74	4 41	U-R-013-0573	Green tag issued 7/30/2020	
7/24/2020	Onsite 7/23/2020	WV6G36 159213	SERC_084 SERC_085	John Deere	310SK Backhoe Generator	2014	1T0310SKVEE263742 4872	Boer Associated Power, Inc.	TTSC AEC	Cummins	BSZXL05.2IXB	4045HT073 4HK1X	4.5	2014	PE4045HT073 	96	4I 	U-R-004-0482 U-R-006-0351	Green tag issued 7/30/2020 No Tag issued. Left the same day	Unit left same day
7/23/2020	7/23/2020	159213	⊃באר_085	NA	Generator	2011	48/2	Associated Power, Inc.	AEC	Izuzu	BSYYLO2.5IXR	4111.1.3	5.2	2011	491915	1/3	5	U-K-UUD-U351	ivo rag issued. Left the same day	Unit left same day

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:02:08-0700	
7/1/2020 Date:	

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: 2020.08.05 18:03:41-07'00'
7/2/2020	

	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:	l
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AQCMM or Delegate name:	Mike Malsy
AQCMM or Delegate signature	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:04:12-0700
7/3/2020	

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the 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 NOT	TES:			

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:05:34-0700	
Date: 7/6/2020	

	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
AQCMM or Delegate signature	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:05:59-0700
Date: 7/7/2020	

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the 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: 2020.08.05 18:07:36 -07'00'
Date: 7/8/2020	

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the 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: 2020.08.05 18.08.08-0700	
7/9/2020 Date:	

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: 2020.08.05 18:08:33-07'00'	
Date: 7/10/2020	

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the 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 Mals	Б У	Form: SERC-CAQ-003
AQCMM or Delegate signature: Michae	PI Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18.09.08-0700	
- 7/11/2020		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the 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-00
AQCMM or Delegate signature: Michael Malsy Delate: 2020.08.05 18:10:11-07007	
7/13/2020	

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the 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 Date: 2020.08.05 18:10:36-0700	
Date: 7/14/2020	

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

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:11:11-0700'
Date: 7/15/2020	

	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.
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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 Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:12:43 -0700'	
7/16/2020		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the 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: 2020.08.05 18:13:10 -0700'	
7/17/2020		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the 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: 2020.08.05 18:13:38-07:00	
7/18/2020	

	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-00
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:14:24-0700'	
Date: 7/20/2020		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the 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	me: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:14:49-0700'	
Date: 7/21/2020		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the 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 Date: 2020.08.05 18:15:12	alsy 1700 To To To To To To To To To To To To To
Date: 7/22/2020	

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

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatur Date: 7/23/2020	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020,08.05 18.15.41-07007	

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.
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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.

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 name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:16:11-07'00'	
Date: 7/24/2020		

Date.	 	

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.
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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 Malsy	Form: SERC-CAQ-00
AQCMM or Delegate signatur	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:16:56-0700'	_
Date: 7/25/2020		

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

AQCMM or Delegate name: Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:18:05-07007	
7/27/2020	

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

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signatur Date: 7/28/2020	e: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:18:31-0700	

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.
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Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name:	Mike Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature Date: 7/29/2020	re: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:18:55-0700	

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.
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Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy	Form: SER
AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2020.08.05 18:19:20-0700	
Date: 7/30/2020	

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	N	If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?	N	If yes, the onsite Delegate shall: 1.) Collect verification tag and 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the 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 Malsy	Form: SERC-CAQ-003
AQCMM or Delegate signature:	Michael Malsy Date: 2020.08.05 18:19:45-07:00	
Date:		

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Diesel-Fueled Engine Control Checklist Item (AQ-SC5) Has any off-road diesel equipment been delivered to the site today? Has any off-road diesel equipment been removed from the site today? Ass AQCAMA equipment tags visible for diesel off-road engines greater than 50 kp apparating engite?		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.
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Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

BOER BACKHOE, INC.

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

July 31, 2020

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

Attn: Tim Bofman Project Compliance

RE: Maintenance and Inspection of Equipment

Dear Mr. Bofman:

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

EIN	SERC ID	VEH. Manufacturer	MODEL YEAR	MODEL/DESCRIPTION	ENG TIER
XU6X36		JOHN DEERE	2018	JOSI JIRACTORS/LOADERS/BACKHOES	74
WV6G36	SERC-082	JOHN DEERE	2014	310SK TRACTORS/LOADERS/BACKHOES	T4
Appropriate the second	The state of the s				

Respectfully,

Sherry L. Boer President

Sherry of Boen



August 1, 2020

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

Subject:

Monthly Inspection and Maintenance of Equipment

Dear Mr. Bofman:

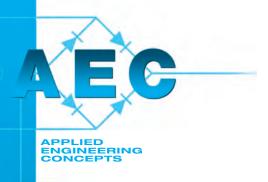
We are confirming that for the previous month 07/2020, TTSC performs inspections and maintenance at the required regularly scheduled intervals. See the attached AQCMP Equipment Log.

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

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

Sincerely

Nathen Howard Construction Manager



August 1, 2020

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

Subject: Monthly Inspection and Maintenance of Equipment

Dear Mr. Bofman:

We are confirming that for the previous month 07/2020, AEC can confirm that inspections and maintenance at the required regularly scheduled intervals. See the attached AQCMP Equipment Log.

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

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

Sincerely

Nikolas-Jordan Linayao

Project Engineer

Attachment 4 –Biological Resources





Memorandum

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

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

Biological Resources Monthly Compliance Report

July 2020

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs

SERC CEC Designated Biologist

Date: August 2, 2020

Copies: Sharon Stureman, SERC, LLC

Doug Davy, Jacobs Karen Parker, Jacobs

1. Introduction

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

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

2. Monitoring Summary

This section summarizes biological monitoring activities conducted during the July 2020 reporting period. Construction started at the SERC site (located at 10711 Dale Avenue, Stanton, Orange County, California) on February 19, 2019 after the Energy Commission issued the Notice to Proceed.

During the July 2020 reporting period biological monitoring was conducted on the SERC site five times per week. The Active Nest Notification and Wildlife Observation Form for July 2020 are provided in

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

2.1 Activities Monitored

SERC construction activities were monitored daily from July 1 through July 31, 2020 (Monday-Friday). Locations monitored included the SERC site (western and eastern parcels), Southern California Edison Laydown Yards (western and eastern), and construction laydown, parking, and staging areas on portions of 10680 Fern Avenue and 8322-A Standustrial Street.

Construction activities at the SERC site included ongoing infrastructure work. Construction began on the Battery Energy Storage System (BESS) on March 30, 2020. The Post-Certification Change for the construction laydown, parking, and staging areas on portions of 10680 Fern Avenue and 8322-A Standustrial Street was docketed on April 22, 2020 by the CEC.

2.2 Nesting Birds

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

- A mourning dove (Zenaida macroura) nest was identified on June 15, 2020 in the eastern SERC parcel. The nest was located at approximately 33.8069017 latitude and -117.99847568 longitude. The nest was in a trash dumpster enclosure near the Dale Avenue entrance. The biological monitor observed that the nest successfully fledged. The nest was determined to be no longer active on July 16, 2020.
- A mourning dove nest was identified on June 17, 2020 in the western SERC parcel. The nest was located at approximately 33.8067094 latitude and -117.9872168 longitude. The nest was under the awning on the southwest corner of the RO system, approximately 12 feet above the ground. The biological monitor observed that the nest successfully fledged. The nest was determined to be no longer active on July 20, 2020.
- A mourning dove nest was identified on July 16, 2020 in the eastern SERC parcel. The nest was located at approximately 33.8067461 latitude and -117.9852721 longitude. The nest was on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2, approximately 12 feet above the ground. The nest was active through the end of the July 2020 reporting period.

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

2.3 Special-Status Species

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

2.4 Wildlife Injuries and Mortalities

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

2.5 Hazardous Material Spills

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

2.6 Non-Compliance Report

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

3. WEAP Training

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

Appendix A Active Nest Notifications and Wildlife Observations Forms

 From:
 Heiser, John@Energy

 To:
 Tim Bofman; Edens, Ava/SCO

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

Date: Monday, July 20, 2020 7:53:48 AM

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

John

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

Sent: Friday, July 17, 2020 8:16 AM

To: Heiser, John@Energy <<u>john.heiser@energy.ca.gov</u>>; Valand, Andrew@Wildlife <<u>Andrew.Valand@wildlife.ca.gov</u>>; <u>Christine_Medak@fws.gov</u> <<u>Christine_Medak@fws.gov</u>> **Cc:** Tim Bofman <<u>tbofman@wellhead.com</u>>; Mike Malsy <<u>mmalsy@wellhead.com</u>>; Parker, Karen/SAC <<u>Karen.Parker@jacobs.com</u>>; Davy, Doug/SAC <<u>Doug.Davy@jacobs.com</u>>

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

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

Good morning John,

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

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

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

Thank you, Ava

Ava Edens | Jacobs | SERC Designated Biologist | 949.404.2046 desk | 949.466.5178 mobile | Ava.Edens@jacobs.com | www.jacobs.com NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipient. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer.

Stanton Energy Reliability Center (SERC) Wildlife Observation Form

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

Date and Time	Date and Time		Observer's Employer	
July 16, 2020		Cara Snellen	Jacobs	
Location of Observation (inclu	ide time spotted an	d coordinates if possible)		
		thwest awning corner) betweetes: 33.8067461, -117.98527	en Units 1 and 2 in in the SERC Eastern Parcel, 21	
Wildlife Species Name		Condition of Wildlife (alive/dead, size, age, weight, etc.)		
Mourning dove (<i>Zenaida macroura</i>)		Live		
Cause of Injury or Mortality a	nd time of death (If	unknown, enter "unknown")		
N/A				
•				
Current Location of Animal				
Stanton Energy Reliability Co	enter (SERC)			
Starton Energy Kenashity Co	inter (SENC)			
Is the Biological Resource	in Danger of Being	Impacted by Project or Othe	er Site Activities?	
Yes No X	N/A	• • •		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.4/			
If Yes, Explain				

Additional Comments

An active mourning dove nest (MODO East #8) was observed on the beam ledge under the southwest corner of the air compressor awning between Units 1 and 2 in the SERC Eastern Parcel. The nest is located where the supporting vertical corner post connects with the beam ledge. The biologist observed nesting material an adult mourning dove sitting in incubation position. The bird briefly left the area and the site was quickly checked. The biologist confirmed that nesting material and an egg was present. The bird then returned to the nest. The nest location is approximately 12 feet above the ground and is partially concealed by the vertical post, the beam ledge and back face, and surrounding awning roof overhang. Construction has been completed in the immediate vicinity and nearby activities are limited to control room operations, work inside the Unit 1 and 2 enclosures, foot traffic, and parking. A no-disturbance buffer was established around the footprint of the awning with flagging and signage, utilizing the vertical awning posts and surrounding infrastructure as appropriate. The buffer extends approximately 10 to 15 feet to the north, east, and west. The awning overhang and supporting beam face provide a visual/physical barrier south of the nest.

Photo 1



Location

SERC - Western Parcel

Description

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

Photo 2



Location

SERC – Eastern Parcel

Description

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

Photo 3



Location

SERC – Eastern Parcel

Description

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



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

Appendix B Biological Resources Compliance Monitoring Logs

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

COMPLIANCE MONITORING LOG

Date			Monitor			Time (Begin-End)
July 1, 2020			Cara Snellen			100-1200
Temperature (°F)	Wind	l (mph)	Precipitation amount	Visibility	We	eather Comment
68-72	2	2-3	0.0 in.	Good (10 mi.)	Cloudy/overcast	

Location(s) of Work Site Activities Monitored

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

SERC Site:

Western Parcel - Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; cable rack pull/installation; trench conduit installation; material fabrication; movement of materials/equipment; foot/vehicle traffic.

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

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

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

Gas Pipeline - No SERC-related activities.

Church Parking Lot - No SERC-related activities.

SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

Parcel B - Activities included material inventory/movement at warehouse B; foot traffic. Non-SERC activities included movement of materials; foot traffic.

Parcel C - Activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

Nesting Bird Observations:

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

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

Conduit installation in trench adjacent to the BESS and associated electrical work in the West parcel, facing south.



Location

SERC - Western Parcel

Description

Materials fabrication to support BESS construction in the West parcel, facing northeast.

Photo 4

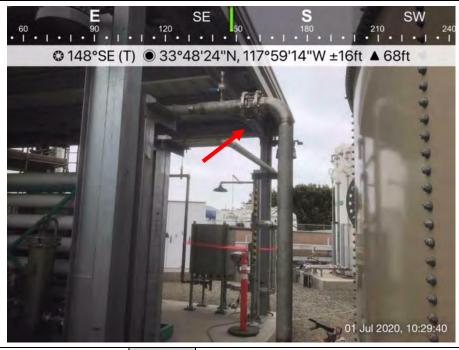


Location

SERC – Western Parcel

Description

Movement of materials in the West parcel, facing southwest.



Location

SERC - Western Parcel

Description

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

Photo 6



Location

SERC – Western Parcel

Description

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



Location

SERC - Western Parcel

Description

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

Photo 8



Location

SERC - Eastern Parcel

Description

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



Location

SERC - Eastern Parcel

Description

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

Photo 10



Location

SERC – Parcel B of the Amendment Area

Description

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

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

Date		Monitor			Time (Begin-End)	
July 2 2020			Cara Snellen			1000-1100
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
68-70	:	2-3	0.0 in.	Good (10 mi.)	Overcast/cloudy	

Location(s) of Work Site Activities Monitored

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

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

SERC Site:

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

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

West Laydown Yard – Ongoing activities included foot traffic.

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

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C - Ongoing activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

Nesting Bird Observations:

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

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up
No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
Birds: mourning dove, Eurasian collared dove, house finch (<i>Haemorhous mexicanus</i>), rock pigeon (<i>Columba livia</i>), Northern mockingbird (<i>Mimus polyglottos</i>), house sparrow (<i>Passer domesticus</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), black phoebe (<i>Sayornis nigricans</i>), European starling (<i>Sturnus vulgaris</i>)



Location

SERC - Eastern Parcel

Description

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

Photo 2



Location

SERC - Eastern Parcel

Description

Overview of the nest located in the trash enclosure near the Dale Avenue entrance in the East parcel (MODO East #6), facing southeast. A second adult was perched on the roof of the enclosure. Construction activities near the nest included minimal foot traffic.



Location

SERC – Western Parcel

Description

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

Photo 4



Location

SERC - Western Parcel

Description

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

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

Date		Monitor				Time (Begin-End)
July 3, 2020			Cara Snellen			0930-1130
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
74-77	2	2-7	0.0 in.	Good (10 mi.)		Sunny/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 battery energy storage system (BESS) infrastructure; trench conduit installation; trench fill/earth contouring; material fabrication; movement of materials/equipment; foot/vehicle traffic.

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

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

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

Gas Pipeline - No SERC-related activities.

Church Parking Lot - No SERC-related activities.

SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

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

Parcel C - Activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

Nesting Bird Observations:

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

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



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

Electrical work as part of BESS construction in the West parcel, facing south.



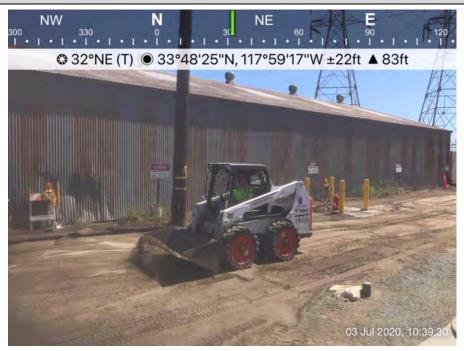
Location

SERC - Western Parcel

Description

Materials fabrication in support of BESS construction in the West parcel, facing east.

Photo 4



Location

SERC – Western Parcel

Description

Earth contouring following trench fill along access road in the West parcel, facing northeast.



Location

SERC - Western Parcel

Description

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

Photo 6



Location

SERC – Western Parcel

Description

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



Location

SERC – Western Parcel

Description

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

Photo 8



Location

SERC - Eastern Parcel

Description

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

Photo 9 E 50 120 SE 50 180 210 24 1148°SE (T) ③ 33°48'26"N, 117°59'17"W ±32ft ▲ 81ft | SERC - Parcel B of the Amendment Area | Description | Sercing to make the series of the Amendment Area | Description | Sercing to make the series of the liventory/movement in warehouse B, facing southeast. No non-

SERC activities were occurring.

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

COMPLIANCE MONITORING LOG

Date			Monitor			Time (Begin-End)
July 6, 2020		Cara Snellen		0945-1045		
Temperature (°F)	Wine	d (mph)	Precipitation amount	Visibility	We	eather Comment
76-78	:	3-5	0.0 in.	Good (10 mi.)		Clear/sunny

Location(s) of Work Site Activities Monitored

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

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

SERC Site:

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

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

West Laydown Yard – Ongoing activities included foot traffic.

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

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C - Ongoing activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

Nesting Bird Observations:

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

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up
No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
Birds: mourning dove, Eurasian collared dove, house finch (Haemorhous mexicanus), rock pigeon (Columba livia), Northern mockingbird (Mimus polyglottos), house sparrow (Passer domesticus), red-tailed hawk (Buteo jamaicensis), European starling (Sturnus vulgaris), American kestrel (Falco sparverius), killdeer (Charadrius vociferus), Cassin's kingbird (Tyrannus vociferans), lesser goldfinch (Spinus psaltria)



Location

SERC - Eastern Parcel

Description

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

Photo 2



Location

SERC - Eastern Parcel

Description

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



Location

SERC – Western Parcel

Description

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

Photo 4



Location

SERC - Western Parcel

Description

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

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

COMPLIANCE MONITORING LOG

Date		Monitor			Time (Begin-End)		
July 7, 2020			Cara Snellen			0930-1030	
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	Weather Comment	
73-76	2	2-5	0.0 in.	Good (10 mi.)		Clear/sunny	

Location(s) of Work Site Activities Monitored

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

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

SERC Site:

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

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

West Laydown Yard – Ongoing activities included foot traffic.

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

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C - Ongoing activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

Nesting Bird Observations:

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

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up
No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
Birds: mourning dove, Eurasian collared dove, house finch (Haemorhous mexicanus), rock pigeon (Columba livia), Northern mockingbird (Mimus polyglottos), house sparrow (Passer domesticus), red-tailed hawk (Buteo jamaicensis), European starling (Sturnus vulgaris), killdeer (Charadrius vociferus)



Location

SERC - Eastern Parcel

Description

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

Photo 2



Location

SERC – Eastern Parcel

Description

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



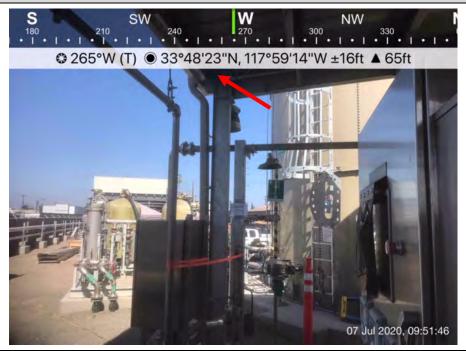
Location

SERC - Western Parcel

Description

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

Photo 4



Location

SERC - Western Parcel

Description

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

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

Date				Time (Begin-End)		
July 8, 2020			Cara Snellen		0745-0945	
Temperature (°F)	Wine	d (mph)	Precipitation amount	Visibility	Weather Comment	
68-71	:	2-3	0.0 in.	Good (10 mi.)	Partly cloudy/overcast to mostly clear	

Location(s) of Work Site Activities Monitored

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

SERC Site:

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

Eastern Parcel – Ongoing activities included cable pull at GSU; control room operations; equipment pick-up; foot/vehicle traffic; parking.

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

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

Gas Pipeline - No SERC-related activities.

Church Parking Lot - No SERC-related activities.

SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

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

Parcel C - Activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

• None

Nesting Bird Observations:

- MODO nest #6 in Eastern Parcel (trash enclosure) An adult mourning dove (*Zenaida macroura*; MODO) was observed sitting low on the nest in brooding position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist. Construction activities in the vicinity of the nest included equipment pick-up and foot/vehicle traffic.
- MODO nest #7 in Western Parcel (RO system awning) —An adult mourning dove was observed sitting low on the
 nest in brooding position. No other mourning doves were present in the area. The adult was not disturbed by the
 presence of the biologist or nearby construction activities. Construction activities in the vicinity of the nest
 included material fabrication and foot traffic.
- Construction personnel reported a nest on the lower overhead cable tray at the GSU near the storm channel in the East parcel (see photos 11-13). The biologist observed an adult Eurasian collared dove (*Streptopelia decaocto*; ECDO) briefly sitting on nesting material atop cables/support beams in the tray. A second adult was perched nearby. When the adult left the nest, construction personnel accessed and photographed the nest contents. The biologist confirmed no egg was present in the photograph and the nesting material was removed. Eurasian collared dove is a non-native bird species and not protected under the Migratory Bird Treaty Act.

Other Biological Resources Observations:

None

Other Observations/Comments:
None
Notice
Items Requiring Action/Follow-up
No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
Birds: mourning dove, house sparrow (Passer domesticus), Northern mockingbird (Mimus polyglottos), house finch (Haemorhous mexicanus), Eurasian collared dove (Streptopelia decaocto), rock pigeon (Columba livia), killdeer (Charadrius vociferus), European starling (Sturnus vulgaris)



Location

SERC - Western Parcel

Description

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

Photo 2



Location

SERC – Western Parcel

Description

Trenching for conduit installation in the West parcel, facing west.



Location

SERC - Western Parcel

Description

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

Photo 4

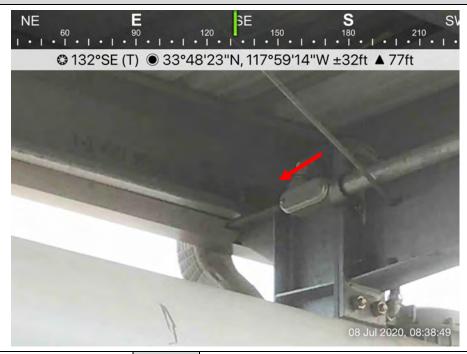


Location

SERC – Western Parcel

Description

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



Location

SERC - Western Parcel

Description

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

Photo 6



Location

SERC - Eastern Parcel

Description

Cable pull installation activities along the GSU cable tray near the storm channel in the East parcel, facing south.



Location

SERC - Eastern Parcel

Description

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

Photo 8



Location

SERC - Eastern Parcel

Description

Equipment pick-up on the north access road of the East parcel, facing west.



Location

SERC - Eastern Parcel

Description

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

Photo 10



Location

SERC – Eastern Parcel

Description

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



Location

SERC – Eastern Parcel

Description

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

Photo 12

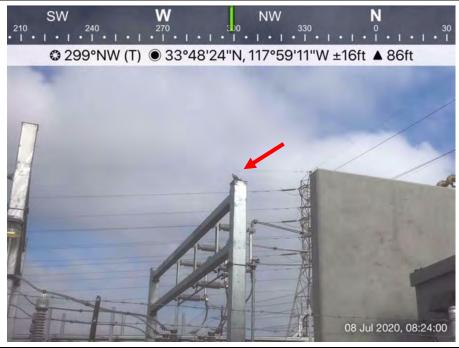


Location

SERC – Eastern Parcel

Description

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



Location

SERC – Eastern Parcel

Description

Adult Eurasian collared dove perched near the nesting material in the East parcel, facing northwest.

Photo 14



Location

SERC – Parcel B of the Amendment Area

Description

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

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

COMPLIANCE MONITORING LOG

Date				Time (Begin-End)		
July 9, 2020			Cara Snellen			0915-1015
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
70-72	2	2-5	0.0 in.	Good (10 mi.)		Clear/sunny

Location(s) of Work Site Activities Monitored

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

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

SERC Site:

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

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

West Laydown Yard – Ongoing activities included foot traffic.

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

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C - Ongoing activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

Nesting Bird Observations:

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

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up						
No Items requiring follow-up. Monitoring of work will continue during Project construction activities.						
Wildlife Species Observed:						
Birds: mourning dove, Eurasian collared dove (Streptopelia decaocto), house finch (Haemorhous mexicanus), rock pigeon (Columba livia), Northern mockingbird (Mimus polyglottos), house sparrow (Passer domesticus), European starling (Sturnus vulgaris), killdeer (Charadrius vociferus), lesser goldfinch (Spinus psaltria), American kestrel (Falco sparverius)						



Location

SERC - Eastern Parcel

Description

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

Photo 2



Location

SERC – Eastern Parcel

Description

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



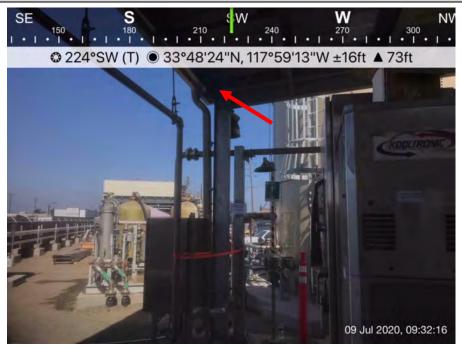
Location

SERC - Western Parcel

Description

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

Photo 4



Location

SERC - Western Parcel

Description

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

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

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

Location(s) of Work Site Activities Monitored

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

SERC Site:

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

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

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

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

Gas Pipeline - No SERC-related activities.

Church Parking Lot - No SERC-related activities.

SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

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

Parcel C – Activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

Nesting Bird Observations:

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

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up
No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
Birds: mourning dove, house sparrow (<i>Passer domesticus</i>), Northern mockingbird (<i>Mimus polyglottos</i>), house finch (<i>Haemorhous mexicanus</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), rock pigeon (<i>Columba livia</i>), killdeer (<i>Charadrius vociferus</i>), European starling (<i>Sturnus vulgaris</i>), black phoebe (<i>Sayornis nigricans</i>), lesser goldfinch (<i>Spinus psaltria</i>), American kestrel (<i>Falco sparverius</i>)



Location

SERC - Western Parcel

Description

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

Photo 2



Location

SERC - Western Parcel

Description

Miscellaneous construction and electrical work within the BESS in the West parcel, facing southwest.



Location

SERC - Western Parcel

Description

Cable installation at north end of BESS in the West parcel, facing west. $% \label{eq:BESS} % \label{eq:BESS} %$

Photo 4



Location

SERC – Western Parcel

Description

Conduit installation in trench west of the BESS in the West parcel, facing west.



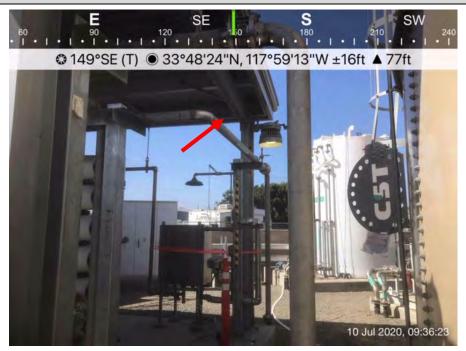
Location

SERC – Western Parcel

Description

Movement of scaffolding materials in the West parcel, facing southwest.

Photo 6



Location

SERC – Western Parcel

Description

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



Location

SERC - Western Parcel

Description

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

Photo 8



Location

SERC – Eastern Parcel

Description

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



Location

SERC - Eastern Parcel

Description

Vehicle parking for control room operations in the East parcel, facing northwest.

Photo 10



Location

SERC – Eastern Parcel

Description

Overview of the mourning dove nest buffer in the trash enclosure near the Dale Avenue entrance of the East parcel (MODO East #6), facing southwest. Construction activities in the vicinity of the nest included minimal foot/vehicle traffic.



Location

SERC - Eastern Parcel

Description

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

Photo 12



Location

SERC – Parcel B of the Amendment Area

Description

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

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

Date				Time (Begin-End)		
July 13, 2020		Cara Snellen				0915-1015
Temperature (°F)	Wind (m	ph)	Precipitation amount	Visibility	We	eather Comment
75-77	77 2-5		0.0 in.	Good (10 mi.)		Clear/sunny

Location(s) of Work Site Activities Monitored

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

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

SERC Site:

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

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

West Laydown Yard – Ongoing activities included foot traffic.

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

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C - Ongoing activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

Nesting Bird Observations:

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

Other Biological Resources Observations:
• None
Other Observations/Comments:
• None
Items Requiring Action/Follow-up
No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
Birds: mourning dove, Eurasian collared dove (Streptopelia decaocto), house finch (Haemorhous mexicanus), rock pigeon
(Columba livia), Northern mockingbird (Mimus polyglottos), house sparrow (Passer domesticus), European starling (Sturnus
vulgaris), killdeer (Charadrius vociferus), lesser goldfinch (Spinus psaltria), red-tailed hawk (Buteo jamaicensis)



Location

SERC - Eastern Parcel

Description

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

Photo 2



Location

SERC – Eastern Parcel

Description

Adult mourning dove observed resting on the ground of the trash enclosure near MODO East #6, facing southeast.



Location

SERC - Eastern Parcel

Description

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

Photo 4



Location

SERC – Western Parcel

Description

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



Location

SERC - Western Parcel

Description

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

Photo 6



Location

SERC - Eastern Parcel

Description

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

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

Date				Time (Begin-End)		
July 14, 2020		Cara Snellen				0945-1045
Temperature (°F)	Wind	(mph)	Precipitation amount	Visibility	We	eather Comment
71-73	2	-5	0.0 in.	Good (10 mi.)		Partly cloudy

Location(s) of Work Site Activities Monitored

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

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

SERC Site:

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

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

West Laydown Yard – Ongoing activities included foot traffic.

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

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C – Ongoing activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

Nesting Bird Observations:

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

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up
No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
Birds: mourning dove, Eurasian collared dove (Streptopelia decaocto), rock pigeon (Columba livia), Northern mockingbird (Mimus polyglottos), house sparrow (Passer domesticus), European starling (Sturnus vulgaris), lesser goldfinch (Spinus psaltria), red-tailed hawk (Buteo jamaicensis), common raven (Corvus corax), American kestrel (Falco sparverius)



Location

SERC - Eastern Parcel

Description

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

Photo 2



Location

SERC – Eastern Parcel

Description

Adult mourning doves observed perching on and adjacent to the trash enclosure near MODO East #6, facing southeast. Construction activities near the nest included foot traffic.



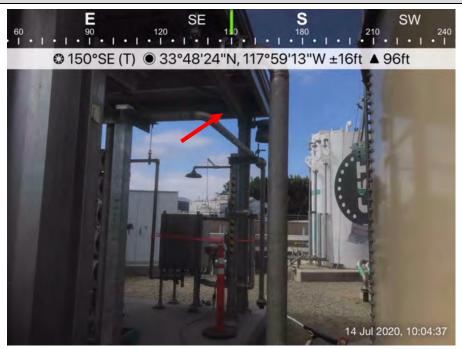
Location

SERC - Western Parcel

Description

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

Photo 5



Location

SERC – Western Parcel

Description

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

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

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

Location(s) of Work Site Activities Monitored

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

SERC Site:

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

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

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

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

Gas Pipeline - No SERC-related activities.

Church Parking Lot - No SERC-related activities.

SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

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

Parcel C – Activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

Nesting Bird Observations:

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

Other Biological Resources Observations:

• None

Other Observations/Comments:

• None
Items Requiring Action/Follow-up
No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
Birds: mourning dove, house sparrow (<i>Passer domesticus</i>), Northern mockingbird (<i>Mimus polyglottos</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), rock pigeon (<i>Columba livia</i>), European starling (<i>Sturnus vulgaris</i>), lesser goldfinch (<i>Spinus psaltria</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), Cassin's kingbird (<i>Tyrannus vociferans</i>)



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

Conduit installation activities in the trench northwest of the BESS in the West parcel, facing west.



Location

SERC - Western Parcel

Description

Material fabrication in the West parcel, facing north.

Photo 4



Location

SERC - Western Parcel

Description

Movement of the materials in support of BESS construction in the West parcel, facing west.



Location

SERC - Western Parcel

Description

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

Photo 6



Location

SERC – Western Parcel

Description

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



Location

SERC - Eastern Parcel

Description

Vehicle parking for control room operations and Unit 2 work in the East parcel, facing west.

Photo 8



Location

SERC – Eastern Parcel

Description

Systems maintenance near the ammonia tank in the East parcel, facing south.



Location

SERC - Eastern Parcel

Description

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

Photo 10



Location

SERC - Eastern Parcel

Description

Overview of nesting attempt location in the southwest corner of the air compressor awning in the East parcel, facing southwest.



Location

SERC - Eastern Parcel

Description

Nesting material found on a beam ledge under the southwest corner of the air compressor awning in the East parcel. No egg was present and the nesting material was removed.

Photo 12



Location

SERC – Parcel B of the Amendment Area

Description

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

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

Date				Time (Begin-End)		
July 16, 2020		Cara Snellen			0830-1000	
Temperature (°F)	Wind (r	(mph)	Precipitation amount	Visibility	Weather Comment	
68-71	1-5		0.0 in.	Good (10 mi.)	Cloudy/overcast to partly cloudy	

Location(s) of Work Site Activities Monitored

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

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

SERC Site:

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

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

West Laydown Yard – Ongoing activities included foot traffic.

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

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C – Ongoing activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

Nesting Bird Observations:

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

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

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

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

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



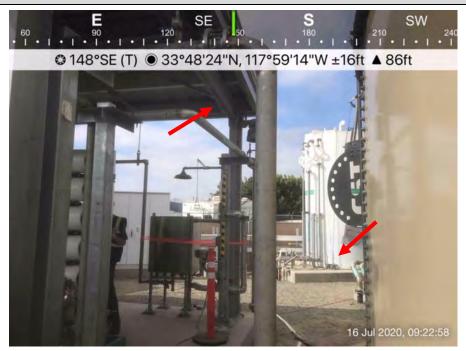
Location

SERC - Western Parcel

Description

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

Photo 2



Location

SERC – Western Parcel

Description

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



Location

SERC - Eastern Parcel

Description

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

Photo 4



Location

SERC – Eastern Parcel

Description

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



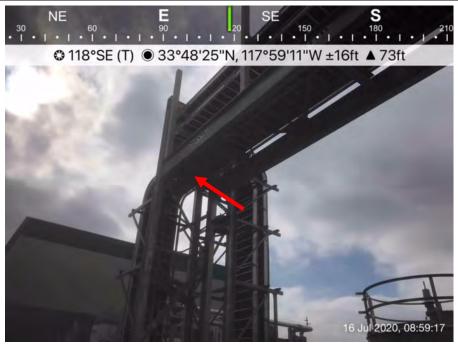
Location

SERC - Eastern Parcel

Description

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

Photo 6



Location

SERC - Eastern Parcel

Description

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

Date				Time (Begin-End)		
July 17, 2020			Cara Snellen			1030-1230
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment
73-76	(1)	3-5	0.0 in.	Good (10 mi.)	Clear/sunny	

Location(s) of Work Site Activities Monitored

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

SERC Site:

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

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

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

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

Gas Pipeline – No SERC-related activities.

Church Parking Lot - No SERC-related activities.

SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

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

Parcel C - Activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

• None

Nesting Bird Observations:

- MODO nest #7 in Western Parcel (RO system awning) No nesting activity was observed and no mourning doves
 were present in the vicinity of the nest. The status of the nest is unknown at this time. Construction activities in
 the vicinity of the nest included material fabrication and delivery/movement, and foot traffic.
- MODO nest #8 in Eastern Parcel (air compressor awning) An adult mourning dove (Zenaida macroura; MODO)
 was observed sitting low on the nest in incubation position. A second adult was observed entering the area with
 nesting material but left upon the biologist's approach. The adult on the nest was not disturbed by the presence of
 the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and
 control room operations.

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 (<i>Passer domesticus</i>), house finch (<i>Haemorhous mexicanus</i>), American kestrel (<i>Falco sparverius</i>), Northern mockingbird (<i>Mimus polyglottos</i>), Eurasian collared dove (<i>Streptopelia decaocto</i>), rock pigeon (<i>Columba livia</i>), European starling (<i>Sturnus vulgaris</i>), lesser goldfinch (<i>Spinus psaltria</i>), red-tailed hawk (<i>Buteo jamaicensis</i>), killdeer (<i>Charadrius vociferus</i>)



Location

SERC - Western Parcel

Description

Electrical work as part of construction of above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing south.

Photo 2



Location

SERC - Western Parcel

Description

Conduit/pipe installation activities in the trench northwest of the BESS in the West parcel, facing west.



Location

SERC - Western Parcel

Description

Delivery and movement of materials the West parcel, facing west.

Photo 4



Location

SERC - Western Parcel

Description

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



Location

SERC - Eastern Parcel

Description

Vehicle parking for control room operations and Unit 1 and 2 work in the East parcel, facing southwest.

Photo 6



Location

SERC – Eastern Parcel

Description

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



Location

SERC - Eastern Parcel

Description

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

Photo 8



Location

SERC – Parcel B of the Amendment Area

Description

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

Date		Monitor				Time (Begin-End)
July 20, 202	0		Cara Snellen		0915-1015	
Temperature (°F)	Wind	i (mph)	Precipitation amount	Visibility	Weather Comment	
70-72	2	2-5	0.0 in.	Good (10 mi.)	Partly cloudy to clear/sunny	

Location(s) of Work Site Activities Monitored

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

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

SERC Site:

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

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

West Laydown Yard – Ongoing activities included foot traffic.

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

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C – Ongoing activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

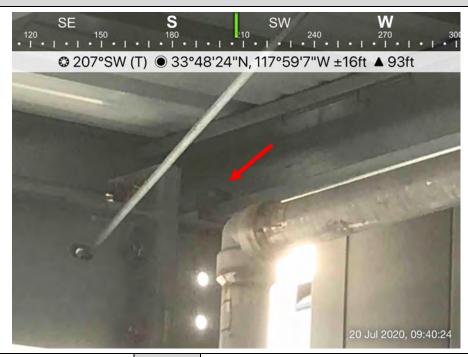
Nesting Bird Observations:

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

Other Biological Resources Observations:

• None

Other Observations/Comments:
None
Notice
Items Requiring Action/Follow-up
No Items requiring follow-up. Monitoring of work will continue during Project construction activities.
Wildlife Species Observed:
Birds: mourning dove, Eurasian collared dove (Streptopelia decaocto), rock pigeon (Columba livia), Northern mockingbird
(Mimus polyglottos), house sparrow (Passer domesticus), European starling (Sturnus vulgaris), house finch (Haemorhous
mexicanus), Cassin's kingbird (Tyrannus vociferans), common raven (Corvus corax), black phoebe (Sayornis nigricans),
killdeer (<i>Charadrius vociferus</i>)



Location

SERC - Eastern Parcel

Description

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

Photo 2



Location

SERC – Eastern Parcel

Description

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

Date		Monitor				Time (Begin-End)
July 21, 2020			Cara Snellen		0915-1015	
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
70-72	2	2-5	0.0 in.	Good (10 mi.)	Cloudy/overcast	

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffers in/near the SERC site and the SERC amendment area. A nest is currently located in the SERC Eastern Parcel.

MODO nest #8 in Eastern Parcel (air compressor awning) – Active mourning dove nest located on a beam ledge
under the southwest corner of the air compressor awning in the East parcel, approximately 12 feet above the
ground. A no-disturbance buffer has been established below the nest with flagging and signage, incorporating
existing infrastructure where appropriate.

SERC Site:

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

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

West Laydown Yard - Ongoing activities included foot traffic.

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

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

Parcel B –SERC construction activities during material inventory/movement in warehouse 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 #8 in Eastern Parcel (air compressor awning) — An adult mourning dove (Zenaida macroura; MODO)
was observed sitting low on the nest in incubation position. A second adult was perched nearby. The birds were not
disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the
nest included foot traffic and control room operations.

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up

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

Wildlife Species Observed:
Birds: mourning dove, Eurasian collared dove (Streptopelia decaocto), rock pigeon (Columba livia), Northern mockingbird (Mimus polyglottos), house sparrow (Passer domesticus), European starling (Sturnus vulgaris), house finch (Haemorhous mexicanus), Allen's hummingbird (Selasphorus sasin), red-tailed hawk (Buteo jamaicensis), American kestrel (Falco sparverius)



Location

SERC – Eastern Parcel

Description

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

Photo 2



Location

SERC – Eastern Parcel

Description

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

Date		Monitor				Time (Begin-End)
July 22, 2020			Cara Snellen			0900-1100
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
65-70	1	1-2	0.0 in.	Good (10 mi.)	Cloudy/overcast	

Location(s) of Work Site Activities Monitored

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

SERC Site:

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

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

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

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

Gas Pipeline - No SERC-related activities.

Church Parking Lot - No SERC-related activities.

SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

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

Parcel C - Activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

 A Cooper's hawk (Accipiter cooperii; CDFW WL) was observed flying through the site and perching on project infrastructure.

Nesting Bird Observations:

MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (Zenaida macroura; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area.
 The adult was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations.

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up

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

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



Location

SERC - Western Parcel

Description

Electrical work as part of construction of above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing east.

Photo 2



Location

SERC - Western Parcel

Description

Conduit/pipe installation activities in the trench northwest of the BESS in the West parcel, facing northwest.



Location

SERC – Western Parcel

Description

Delivery and movement of materials the West parcel, facing northwest.

Photo 4



Location

SERC – Eastern Parcel

Description

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



Location

SERC - Eastern Parcel

Description

Vehicle traffic associated with materials delivery to the West parcel, facing east.

Photo 6



Location

SERC – Eastern Parcel

Description

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



Location

SERC - Eastern Parcel

Description

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

Photo 8



Location

SERC – Parcel B of the Amendment Area

Description

SERC construction activities utilizing both warehouse B and C of the amendment area, facing south. Non-SERC activities included movement of materials/equipment and foot/vehicle traffic.



Location

SERC – Parcel B of the Amendment Area

Description

Movement of materials from warehouse C destined for the West parcel, facing northeast.

Date		Monitor				Time (Begin-End)
July 23, 2020			Cara Snellen		0915-1015	
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
65-67	1	1-2	0.0 in.	Good (10 mi.)	Cloudy/overcast	

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffers in/near the SERC site and the SERC amendment area. A nest is currently located in the SERC Eastern Parcel.

MODO nest #8 in Eastern Parcel (air compressor awning) – Active mourning dove nest located on a beam ledge
under the southwest corner of the air compressor awning in the East parcel, approximately 12 feet above the
ground. A no-disturbance buffer has been established below the nest with flagging and signage, incorporating
existing infrastructure where appropriate.

SERC Site:

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

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

West Laydown Yard - Ongoing activities included foot traffic.

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

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

Parcel B –SERC construction activities during material inventory/movement, parking 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 #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (Zenaida macroura; MODO)
was observed sitting low on the nest in incubation position. A second adult was perched nearby. The birds were
not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the
nest included foot traffic and control room operations.

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up

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

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



Location

SERC - Eastern Parcel

Description

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

Photo 2

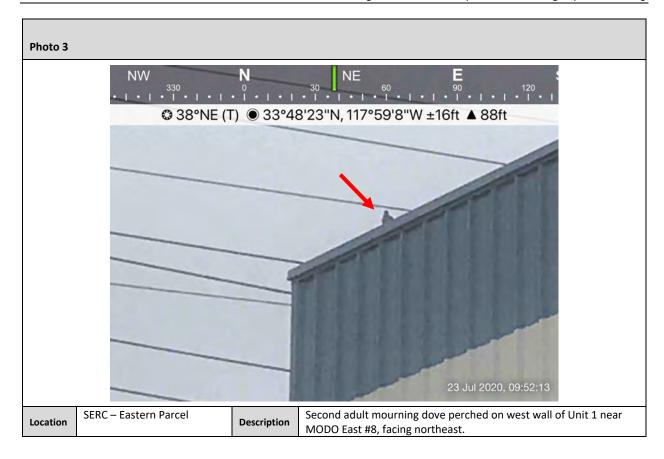


Location

SERC – Eastern Parcel

Description

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



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

COMPLIANCE MONITORING LOG

Date				Time (Begin-End)		
July 24, 2020			Cara Snellen			1130-1330
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
72-76	8	-10	0.0 in.	Good (10 mi.)	Mostly clear to clear	

Location(s) of Work Site Activities Monitored

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

SERC Site:

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

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

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

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

Gas Pipeline - No SERC-related activities.

Church Parking Lot - No SERC-related activities.

SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

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

Parcel C - Activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

Nesting Bird Observations:

MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (Zenaida macroura; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations.

Other Biological Resources Observations:

None

Other Observations/Comments:

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



Location

SERC - Western Parcel

Description

Overview of construction activities for above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing southwest.

Photo 2



Location

SERC – Western Parcel

Description

Conduit/pipe installation activities in the trench northwest of the BESS in the West parcel, facing northwest.



Location

SERC - Western Parcel

Description

Meeting the municipal water company regarding the water pipe connection at the Fern Avenue entrance the West parcel, facing southwest.

Photo 4



Location

SERC - Eastern Parcel

Description

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



Location

SERC - Eastern Parcel

Description

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

Photo 6



Location

SERC – Parcel B of the Amendment Area

Description

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

Date				Time (Begin-End)		
July 27, 2020				0845-0945		
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
67-70	:	1-3	0.0 in.	Good (10 mi.)		Mostly clear

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffers in/near the SERC site and the SERC amendment area. A nest is currently located in the SERC Eastern Parcel.

MODO nest #8 in Eastern Parcel (air compressor awning) – Active mourning dove nest located on a beam ledge
under the southwest corner of the air compressor awning in the East parcel, approximately 12 feet above the
ground. A no-disturbance buffer has been established below the nest with flagging and signage, incorporating
existing infrastructure where appropriate.

SERC Site:

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

Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; water pipe installation; material fabrication and movement; dust control; foot/vehicle traffic; parking.

West Laydown Yard - Ongoing activities included foot traffic.

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

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

Parcel B –SERC construction activities during material inventory/movement, parking 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 #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (Zenaida macroura; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The bird was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations.

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up

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

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



Location

SERC - Eastern Parcel

Description

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

Photo 2



Location

SERC – Eastern Parcel

Description

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

Date				Time (Begin-End)		
July 28, 2020		Cara Snellen				0900-1100
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
65-72	2	2-5	0.0 in.	Good (10 mi.)	Mos	stly clear 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 battery energy storage system (BESS) infrastructure, including electrical work; trench pipe installation and fill; material fabrication; delivery and movement of materials; parking; foot/vehicle traffic.

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

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

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

Gas Pipeline – No SERC-related activities.

Church Parking Lot - No SERC-related activities.

SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

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

Parcel C - Activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

None

Nesting Bird Observations:

MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (Zenaida macroura; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area.
 The adult was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations.

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up

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

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



Location

SERC - Western Parcel

Description

Electrical work as part of construction activities for above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing south.

Photo 2



Location

SERC – Western Parcel

Description

Backfilling over the newly installed water pipe in the trench northwest of the BESS in the West parcel, facing west.



Location

SERC - Western Parcel

Description

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

Photo 4



Location

SERC – Eastern Parcel

Description

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



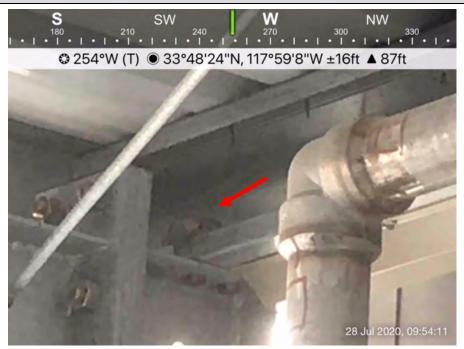
Location

SERC - Eastern Parcel

Description

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

Photo 6



Location

SERC – Eastern Parcel

Description

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



Location

SERC – Parcel B of the Amendment Area

Description

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

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

Date				Monitor Time (Begin-End		
July 29, 202	0		Cara Snellen			1000-1100
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
72-74	2	2-5	0.0 in.	Good (10 mi.)		Clear/sunny

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffers in/near the SERC site and the SERC amendment area. A nest is currently located in the SERC Eastern Parcel.

MODO nest #8 in Eastern Parcel (air compressor awning) – Active mourning dove nest located on a beam ledge
under the southwest corner of the air compressor awning in the East parcel, approximately 12 feet above the
ground. A no-disturbance buffer has been established below the nest with flagging and signage, incorporating
existing infrastructure where appropriate.

SERC Site:

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

Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; trenching fill; material delivery/movement; clean-up and initial demobilization; foot/vehicle traffic; parking.

West Laydown Yard - Ongoing activities included foot traffic.

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

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

Parcel B –SERC construction activities during material inventory/movement, parking 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 #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (Zenaida macroura; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area.
 The bird was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations.

Other Biological Resources Observations:

None

Other Observations/Comments:

- None
- •

Items Requiring Action/Follow-up

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

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



Location

SERC - Eastern Parcel

Description

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

Photo 2



Location

SERC – Eastern Parcel

Description

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

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

Date			Monitor			Time (Begin-End)
July 30, 202	0		Cara Snellen			0830-1030
Temperature (°F)	Wine	d (mph)	Precipitation amount	Visibility	Weather Comment	
64-69	:	2-5	0.0 in.	Good (10 mi.)	Cloud	y/overcast 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 battery energy storage system (BESS) infrastructure, including electrical work; excavation and pipe work at Fern Avenue entrance; movement of materials/equipment; dust control; general clean-up; foot/vehicle traffic.

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

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

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

Gas Pipeline – No SERC-related activities.

Church Parking Lot - No SERC-related activities.

SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

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

Parcel C - Activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

• None

Nesting Bird Observations:

MODO nest #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (Zenaida macroura; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area.
 The adult was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations.

Other Biological Resources Observations:

None

Other Observations/Comments:

None

Items Requiring Action/Follow-up

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

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



Location

SERC - Western Parcel

Description

Overview of construction activities for above-ground infrastructure for the battery energy storage system (BESS) in the West parcel, facing southwest.

Photo 2



Location

SERC – Western Parcel

Description

Excavation and pipe work at the Fern Avenue entrance in the West parcel, facing west.



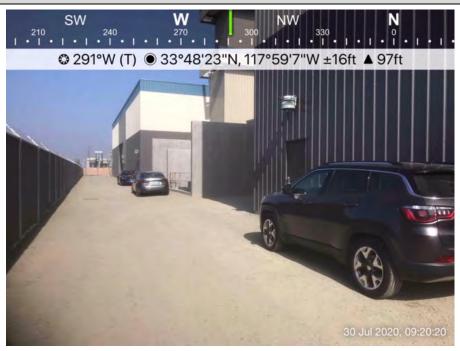
Location

SERC – Western Parcel

Description

Movement of materials (generator) in the West parcel, facing northeast. $% \label{eq:controller}$

Photo 4



Location

SERC – Eastern Parcel

Description

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



Location

SERC - Eastern Parcel

Description

Overview of Unit 2 with equipment access doors open in the East parcel. Miscellaneous construction activities were occurring inside both Unit 1 and 2.

Photo 6



Location

SERC - Eastern Parcel

Description

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



Location

SERC - Eastern Parcel

Description

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

Photo 8



Location

SERC – Parcel B of the Amendment Area

Description

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

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

Date Monitor			Time (Begin-End)			
July 31, 202	0		Cara Snellen			0915-1015
Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	Weather Comment	
77-81	2	2-5	0.0 in.	Good (10 mi.)	Clear/sunny	

Location(s) of Work Site Activities Monitored

Checked for potential bird/wildlife/Project interactions and compliance with COCs in vicinity of nest buffers in/near the SERC site and the SERC amendment area. A nest is currently located in the SERC Eastern Parcel.

MODO nest #8 in Eastern Parcel (air compressor awning) – Active mourning dove nest located on a beam ledge
under the southwest corner of the air compressor awning in the East parcel, approximately 12 feet above the
ground. A no-disturbance buffer has been established below the nest with flagging and signage, incorporating
existing infrastructure where appropriate.

SERC Site:

Eastern Parcel - Ongoing activities included foot/vehicle traffic; dust control; control room operations; parking.

Western Parcel – Ongoing activities included above-ground BESS infrastructure construction; trenching fill; dust control; clean-up and initial demobilization; foot/vehicle traffic; parking.

West Laydown Yard - Ongoing activities included foot traffic.

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

SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

Parcel B –SERC construction activities during material inventory/movement, parking 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 #8 in Eastern Parcel (air compressor awning) – An adult mourning dove (*Zenaida macroura*; MODO) was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The bird was not disturbed by the presence of the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and control room operations.

Other Biological Resources Observations:

None

Other Observations/Comments:

- None
- •

Items Requiring Action/Follow-up

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

Wildlife Species Observed:								
Birds: mourning dove, Eurasian collared dove (Streptopelia decaocto), rock pigeon (Columba livia), Northern mockingbird								
(Mimus polyglottos), house sparrow (Passer domesticus), house finch (Haemorhous mexicanus), European starling (Sturnus vulgaris), Cassin's kingbird (Tyrannus vociferans), Western gull (Larus occidentalis), lesser goldfinch (Spinus psaltria)								



Location

SERC - Eastern Parcel

Description

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

Photo 2



Location

SERC - Eastern Parcel

Description

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

Appendix C Wildlife Species List

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

Common Name	Scientific Name	Status Federal/State/Other
Birds		
Allen's hummingbird	Selasphorus sasin	//
American crow	Corvus brachyrhynchos	//
American kestrel	Falco sparoerius	//
Barn swallow	Hirundo rustica	//
Black phoebe	Sayornis nigricans	//
California gull	Larus californicus	//
Cassin's kingbird	Tyrannus vociferans	/
Common raven	Corvus corax	//
Cooper's hawk	Accipiter cooperii	/WL/
Eurasian collared dove	Streptopelia decaocto	//NP
European starling	Sturnus vulgaris	//NP
House finch	Haemorhous mexicanus	//
House sparrow	Passer domesticus	//NP
Killdeer	Charadrius vociferus	//
Lesser goldfinch	Spinus psaltria	//
Mourning dove	Zenaida macroura	//
Northern mockingbird	Mimus polyglottos	//
Red-tailed hawk	Buteo jamaicensis	//
Rock pigeon	Columba livia	//NP
Western gull	Larus 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 WEAP Training Log

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.	Edges Rinz	Brund/Su	twen If Ily	7/2/20
2.	Todas Badninus	Safway	1000 Runs	7-2-20
3.	Jesus Madrigal	MICORN	medin	7.2.20
4.	JOSE FBARRA	ALCORU	agel Color	a 7-2-2
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	ILLIAM UKIBE	W. B. HC12206	12 War Ville	7-6-20
2.	Sal Padilla Ben Baeder	6E		6-201-20
3.	Sal Padilla	GE	201	7/6/2020
4.	Ben Baeder	FUSCOE	122 D	7-6-20
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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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No.	Employee Name	Company	Signature	Date
1.	Dustin Gregory	AEC.	1/20	7.7.20
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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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No.	Employee Name	Company	Signature	Date
1.	FRANK GONZALES	MURRAY CO.	segle	7-8-20
2.	REVIN CASTANEAN RICHIARD YENTURA	MURRAY (C)	· year	7-8-202
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

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No.	Employee Name	Company	Signature	Date
1.	Daniel Cruz	Brandsaturay	thill !	9-10-2020
2.	Paula Byrd	Southorn	Paury	7-10-2021
3.	DONTEL PETEZ	SOUTHERN	Dre	7-10-20
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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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No.	Employee Name	Company	Signature	Date
1.	T. stin Cocumou	FieldCore	Justin Cong	07/11/2020
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3.	DONIALY FOCK 6	SU-thern	Jan.	7-11.20
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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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No.	Employee Name	Company	Signature	Date
1.	Wartin & Engelman	LANSafety Services	2/4/2/	7-13-2020
2.	a. Maler	Southern	a. Man	7-13-2
3.	Matt Northol	Southera	Wenter	7/13/20
4.	Gregory J. Benedict	Southern	In/11	7/13/202
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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

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.	Mary A. Maruer	Marray Ca		7-16-207
2.	Fernando Verduza	o Murraya	P FLE UL	7-15-20
3.	MILNICE	MUNNAY	24	7-16-20
4.	Anthony magana	Murray	12	7-16-20
5.	AARON MOORE	PSPM	Who a	7.16.00
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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

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.

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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

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.		Mussay Cu	1	7-22-20
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Trainer Day D. Garcia Signature: 104 M. Date: 07 1 221 7020

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.	Raul Rodriguez	Murray.Co.	Signature Raulitiks	Date
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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

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 MBHERZOG	Signature	Date ,
1.	LEDARAGONES	MBHERZOG	Mon	7/28/20
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Trainer Jorge P. Copper Signature: JOLY (U) Date: 7 1941 2020

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.	Denice Calleron	6 E	le C	7/28/20
2.	TRAVIS BROQUIERE	NVS	TEB	7/27/20
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Date: 07 /27/2020

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.	ANTONIO CONTER	Murray Co.		7/28/2020
2.	JOSHUA ZEASONER	HERZOG ELEC	Apl Rea	7/28/2020
3.	MICHAEL FRINK	HERROLD (7.78 20
4.	Corea Soderman	Herzo6	An Sal	7-28-20
5.	FRANK BAZZO	HERZOG	An B	7.28.20
6.	JESUS CORREA	HERZOG	7	7/28/20
7.	TIM MULLEN	HER ZOG		7/28/20
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Trainer: One D GNO Us Signature:

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.	SOADWIN CONTRETUAL	HETCZOG	3(1)	07/29/20
2.	MARIC PATE	HERZON	viora	7-29-20
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Trainer Joy & GAROS Signature: JOH CM C Date 07 129/2020

Attachment 5 – CIVIL

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

Attachment 6 – Cultural Resources



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

Prepared For: John Heiser/California Energy Commission

Tim Bofman/SERC, LLC

Copies: Carmen Gratais, SERC, LLC

Doug Davy/Jacobs Karen Parker/Jacobs Phil Reid, CRS/Jacobs

Prepared By: Natalie Lawson, Alternate CRS / PaleoWest

Reporting For Period: July 2020

This July 2020 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from July 1 through July 31, 2020 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. Excavations in July were limited to excavations for utility connections on Parcel 2 for the BESS and augering for gate posts. The MCR is prepared in accordance with the current (November 2018) Cultural Resources Mitigation and Monitoring Plan (CRMMP) and as required by California Energy Commission license Condition of Certification CUL-6.

Personnel Active in Monitoring This Period

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

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

TABLE 1
Number of CRMs and NAMs Present, by Date

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



TABLE 1
Number of CRMs and NAMs Present, by Date

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

Overview of Monitoring Work and Any Issues

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

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

Cultural Resources Discoveries This Period

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

Fulfillment Requirements of Each Cultural Resource Mitigation Measure

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



TABLE 2
Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
CUL-1: Appointment and Qualifications of Cultural Resources Personnel	Owner must appoint a designated Cultural Resources Specialist (CRS) and Alternate CRSs. CRS will manage monitoring and reporting and make recommendations regarding eligibility of finds for California Register of Historical Resources CRS may obtain services of Cultural Resources Monitors (CRMs) and Native American Monitors (NAMs) CRS may obtain services of additional technical specialists as needed.	 In compliance Owner has appointed CRS and Alternate CRS. CRS is directing monitoring. CRS has obtained services of CRMs and NAMs No additional technical specialists have been required
CUL-2: Information to be Provided to CRS	Owner must provide CRS with project information including the Application for Certification, cultural resources reports, data request responses, Final Staff Assessment, and Commission Decision, and project designs and maps. Owner must provide CRS with a weekly construction schedule Owner must notify CRS of any changes to construction phases.	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	 The CRS, Alt CRS, or CRMs must be onsite to monitor ground disturbance in native (non-fill) soils. The CRS must obtain the services of a NAM to monitor ground disturbance in non-fill sediments. CRMs and NAMs must prepare a daily field report, to be submitted daily by the CRS. The CRS must prepare a Monthly Compliance Report summarizing activities of CRS, CRMs, and NAMs. The CRS must report incidents of non-compliance with 	In compliance The CRS or CRM has monitored ground disturbance. A NAM monitored ground disturbance The CRS has submitted the daily field reports The CRS has prepared this Monthly Compliance Report



TABLE 2
Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
	LORS	There have been no incidents of non-compliance with LORS
CUL-7: Powers of CRS/Cultural Resources Discovery Protocol	 The CRS has authority to halt construction in the event of a cultural resource find The CRS or CRM must record the find on Form DPR-523 and notify the CPM If human remains are found, the CRS must notify the Native American Heritage Commission. If the find would be of interest to Native Americans, the CRS must notify Native American groups that have expressed an interest in notification. 	In compliance One isolated find was discovered this month. The find could be treated prescriptively and was collected and recorded on DPR forms. No human remains have been found No finds of interest to Native Americans have been made
CUL-8: Fill Soils	If the project will use fill from a non-commercial borrow site or deposit sediments in a non-commercial fill site, the CRS must conduct a pre-construction cultural resources survey of the site.	No new sources of non-commercial fill or disposal were identified for use this month.

WEAP Training This Period

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

Anticipated Changes in the Next Period

Miscellaneous excavations are expected to occur in August 2020. CRMs will be onsite to monitor excavations with the potential to impact native soils and to respond to discoveries if they occur.

Comments, Issues or Concerns

None.

Attachment 7 - Paleontology

Monthly Report of Paleontological Resources Monitoring Activities for the Stanton Energy Reliability Center Condition of Certification PAL-6 July 2020

Prepared For: Doug Davy/Jacobs

Karen Parker/Jacobs

Prepared By: Niranjala Kottachchi/PaleoWest

This report covers paleontological resources monitoring activities at the Stanton Energy Reliability Center Project (Project) for the month of July 2020, as required by California Energy Commission license Condition of Certification PAL-6.

Personnel Active in Paleontological Monitoring This Period

None - Please see below.

Monitoring and Associated Activities This Period

PaleoWest's Principal Investigator, Niranjala Kottachchi conducted the paleontological monitoring program for the Project. Excavations during the month of July focused on excavations for utility connections (sewer, fire water, water, electrical) on Parcel 2 and augering for a gate post on the east side of the BESS. All excavations were 10 feet or less in depth. As per the Paleontological Resources Monitoring and Mitigation Plan (PRMMP), the stratigraphy of the upper 10 feet consists of disturbed/artificial fill and/or younger Quaternary alluvium (found below the disturbed/artificial fill), both of which have low paleontological sensitivity. Due to the nature of the soils, no paleontological monitoring was required.

Paleontological Resources Discoveries This Period

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

Anticipated Work and/or Changes in the Next Period

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

Comments, Issues or Concerns

None to report.

Attachment 8 – ELEC-1

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: July 30, 2020

TO: Engineering Manager

Stanton Energy Reliability Center, LLC/W Power, LLC

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

NV5, Inc.

Alan.Vallow@NV5.com

209.329.0765

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-7.0_X1_LIGHTING & SITE SEC SYS PLANS_200715_PCF

MEMORANDUM:

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

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 fabiciation 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: 2020.07.30

06:49:58 -07'00'

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
--- REVIEWED ---

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

Digitally signed by Alan Vallow, PE

Reason: Reviewed for

Code Compliance

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

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 ---

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Date: 2020 0

Digitally signed by Alan Vallow, PE Reason: Reviewed

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

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: June 16, 2020

TO: Engineering Manager

Stanton Energy Reliability Center, LLC/W Power, LLC

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

NV5, Inc.

Alan.Vallow@NV5.com

209.329.0765

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-25.0_X1_BESS AREA LGT & SECURITY PLNS_200601_PCF

MEMORANDUM:

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

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

Reason: Reviewed

for Code

Compliance

Date: 2020.06.16

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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'

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: June 11, 2020

TO: Engineering Manager

Stanton Energy Reliability Center, LLC/W Power, LLC

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

NV5, Inc.

Alan.Vallow@NV5.com

209.329.0765

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-35.0_X2_BESS 1LINE, EQUIP PLN & WIRING_200527_PCF

MEMORANDUM:

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

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

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

Date: 2020.06.11 07:32:12 -07'00' Delegate Chief Building Official Program STANTON ENERGY RELIABILITY CENTER PROJECT:

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: July 17, 2020

TO: **Engineering Manager**

Stanton Energy Reliability Center, LLC/W Power, LLC

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

NV5. Inc.

Alan.Vallow@NV5.com

209.329.0765

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SERC 16-AFC-01 ELEC-1-37.1 Bess Elec Const Obs 200622-25 PCF SUBMITTAL:

MEMORANDUM:

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

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



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

Date: 2020.07.17 10:50:06 -07'00'

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: August 10, 2020

TO: Engineering Manager

Stanton Energy Reliability Center, LLC/W Power, LLC

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

NV5, Inc.

Alan.Vallow@NV5.com

209.329.0765

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-39.0_BESS_RELAY TESTING_200727_PCF

MEMORANDUM:

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

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

SERC_16-AFC-01
--- REVIEWED ---

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Digitally signed by Alan Vallow, PE Reason: Reviewed

for Code

Compliance

Date: 2020.08.10

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DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: June 22, 2020

TO: Engineering Manager

Stanton Energy Reliability Center, LLC/W Power, LLC

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

NV5, Inc.

Alan.Vallow@NV5.com

209.329.0765

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-SI-0101-PEI BESS E-Stop Updates & Volt Rly Card_200605_PCF

MEMORANDUM:

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

SERC_16-AFC-01

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Digitally signed by Alan Vallow, PE

Reason: Reviewed for

Code Compliance Date: 2020.06.22

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Delegate Chief Building Official Program STANTON ENERGY RELIABILITY CENTER PROJECT:

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: June 14, 2020

TO: **Engineering Manager**

Stanton Energy Reliability Center, LLC/W Power, LLC

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

NV5. Inc.

Alan.Ho@nv5.com 916.346.8866

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-27.0_X1_BESS AG RACEWAY PLANS_200602_PCF

MEMORANDUM:

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

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

SERC_16-AFC-01

--- REVIEWED ---

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

Digitally signed by Alan Ho

Reason: Reviewed for

Code Compliance.

Date: 2020.06.14

09:14:19 -07'00'

Delegate Chief Building Official Program STANTON ENERGY RELIABILITY CENTER PROJECT:

DOCKET #: 16-AFC-01

PROJECT #: 550818-0000020



MEMORANDUM - DCBO APPROVAL

DATE: June 4, 2020

TO: **Engineering Manager**

Stanton Energy Reliability Center, LLC/W Power, LLC

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

NV5. Inc.

Alan.Ho@nv5.com 916.346.8866

CC: Eric Rodriguez, Lead Engineer

NV5, Inc.

SUBMITTAL: SERC_16-AFC-01_ELEC-1-36.0_EXP_BESS_CABLE TRAY SUPPORTS_200527_PCF

MEMORANDUM:

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

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

SERC 16-AFC-01 --- REVIEWED ---

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

Digitally signed by Alan Ho

Reason: Reviewed for

Code Compliance.

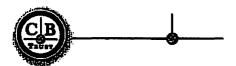
Date: 2020.06.04

07:25:22 -07'00'

Attachment 9 – GEN-2 Master Drawing List

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

Attachment 10 – GEN-3 CBO Payment



Home

Accounts

Payments

Transfers Check Services

Tools

Timeout: 0:14:56

View US Wire

Use this page to view a US Wire

Help

View Payment History

Payment Information

C---

Confirmed

Confirmation Number

IMAD:0721L4B74B1C000114

Payment Number

52716794

Debit Account

SERC OP - *****6538

Debit Amount

159,105.00 USD

Value Date

07/21/2020

Send Date

07/21/2020

Frequency

One-Time Only

Reference for Recipient

168138

Details of Payment

Stanton Energy Reliability Center

Project No 550818-0000020.00

Invoice 168138

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

- مسسوباشینگ

NEW YORK NY UNITED STATES

Options

Intermediary Bank

Receiving Bank

Bank to Bank Information

Cancel

Attachment 11 – GEN-6 Special Inspectors

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

Attachment 12 – Gen-7 Discrepancy

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

Attachment 13 – GEN-8 Final Inspections



INSPECTION REQUEST

REQUESTED INSPECTION DATE / TI	IME: 200521
INSPECTION NUMBER (File Name):	SERC_16-AFC-01_BESS AREA_Sleeper Foundation (2) SWGR & HPSTI Flatwork 200521
CONTRACTOR: TTS CONSTRUCTION C	CORPORATION
CONTACT PERSON: RUDGE WYNN	
•	ED ALL RELEVANT PLANS, PHOTOS, ETC.): 2), SWGR No. 1 and HPSU Flatwork
TYPE OF INSPECTION:	☐Re-Inspection Previous IR #:
COMMENTS (ATTACH ADDITIOANL F	,
REOUESTOR SIGNATURE:	DATE:

OFFICES NATIONWIDE



INSPECTION RESULT

INSPECTION MADE: SERC_16-AFC-01_BESS AR	REA_Sleeper Foundation (2) SWGR & HPSU Flatwork_200521
DATE / TIME: 5/21 1:30 pm INSPECT	on: E. Puccetti
ÄAPPROVED □ DISAPPROVED □ REINSPECTION REQUIRED	□AT RISK □PHASE PASS
SIGNATURE: Digitally signed by Edward Puccetti Date: 2020.06.03 07:47:16 -07'00'	DATE: 6/03/20

COMMENTS:

Approved with no exceptions taken



INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 200518				
INSPECTION NUMBER (File Name): SERC_16-AFC-01_BESS AREA_Sleeper Foundation_200518				
CONTRACTOR: TTS CONSTRU	CTION CORPOR	RATION		
CONTACT PERSON: RUDGE V	VYNN			
AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.): Sleeper type No. 1 Foundation				
TYPE OF INSPECTION:	⊠New	□Re-Inspection	Previous IR #:	
COMMENTS (ATTACH ADDIT PLEASE SEE DWG SF01		F NEEDED):		
REQUESTOR SIGNATURE:		DA	TE:	

OFFICES NATIONWIDE



INSPECTION RESULT

INSPECTION MA	.DE: SERC_16-AF	C-01_BESS ARE	EA_Sleeper Fou	ndation_200518
DATE / TIME: 5/18 1:30 pm INSPECTOR: E. Puccetti				
ÄAPPROVED □ DISAPPROVI □ REINSPECTI		D	□AT RISK □PHASE F	
SIGNATURE:	Ed	igitally signed by dward Puccetti ate: 2020.06.03 7:37:46 -07'00'	I	DATE: 6/03/20

COMMENTS:

Approved with no exceptions taken



INSPECTION REQUEST REQUESTED INSPECTION DATE / TIME: **INSPECTION NUMBER (File Name):** CONTRACTOR: **CONTACT PERSON:** AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.): TYPE OF INSPECTION: □New □Re-Inspection Previous IR #: **COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):**

DATE: _____ REQUESTOR SIGNATURE:

OFFICES NATIONWIDE



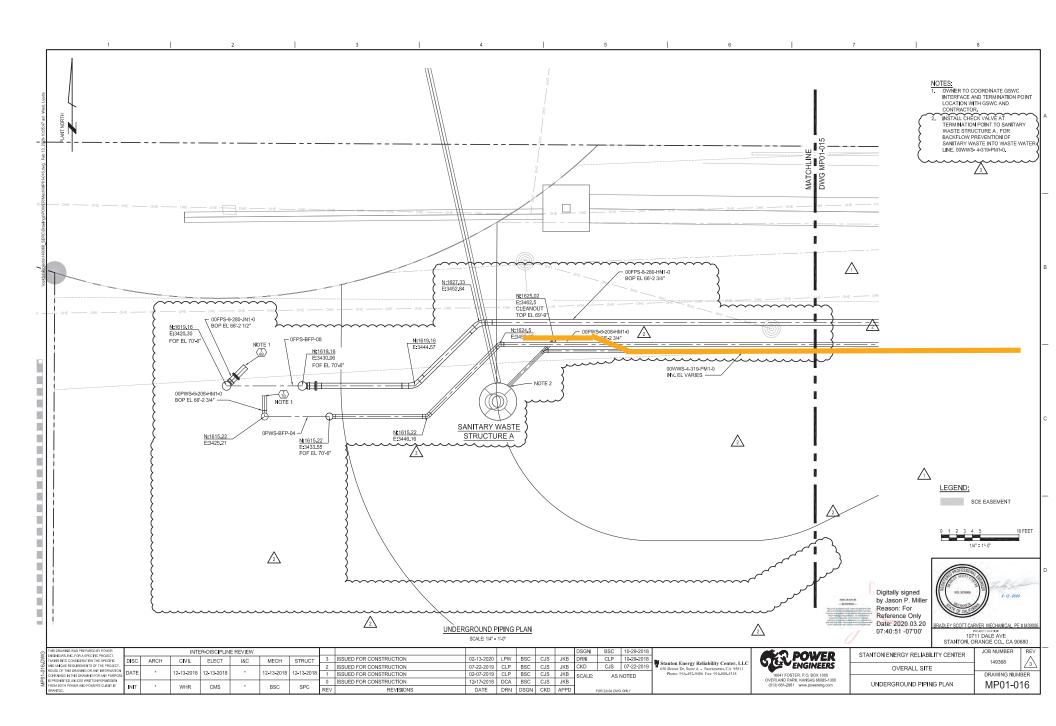
INSPECTION RESULT

INSPECTION MADE:	
DATE / TIME:	INSPECTOR:
□APPROVED □ DISAPPROVED □ REINSPECTION REQUIRED	□AT RISK □PHASE PASS
SIGNATURE:	DATE:

COMMENTS:



OFFICES NATIONWIDE





INSPECTION REQUEST

REQUESTED INSPECTION DATE / TI	ME: 04/10/2020 @ 1:30 am	
INSPECTION NUMBER (File Name):	SERC_16-AFC-01_Site Pavement	East Entrance First Pour_200410
CONTRACTOR: ARB Inc.		
CONTACT PERSON: Joseph Bates		
AREAS TO BE INSPECTED (ATTACHE Co1-070	ED ALL RELEVANT PLANS, PH	IOTOS, ETC.):
TYPE OF INSPECTION:	□Re-Inspection	Previous IR #:
COMMENTS (ATTACH ADDITIOANL F	PAGES IF NEEDED):	
Rebar Cleanliness Forms		
REQUESTOR SIGNATURE:	DATE:	04/07/2020

OFFICES NATIONWIDE



INSPECTION RESULT

INSPECTION MA	NDE: Approach	(driveway) concrete po	our
DATE / TIME: 2	00530	INSPECTO	R. V.Gruber
☑APPROVED □ DISAPPROV □ REINSPECTI			□AT RISK □PHASE PASS
SIGNATURE:	SEDIC JEANGHI — INTURNED — The way a semalent with quality and produced and a fine of the class of field and helding blooks hill fine out of the fine of the fin	Digitally signed by VIctor Gruber Date: 2020.05.30 14:09:18 -07'00'	DATE:

COMMENTS:

Reviewed rebar and electrical conduit, installed per plan Approved



+

INSPECTION REQUEST

REQUESTED INSPECTION DATE / TIME: 04/15/2020 @ 1:30 am				
INSPECTION NUMBER (File Name):	SERC_16-AFC-01_Site Pavement East Entrance Second			

CONTRACTOR: ARB Inc.

CONTACT PERSON: Joseph Bates

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

Co1-070

TYPE OF INSPECTION: ⊠New □Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Rebar Cleanliness Forms

REQUESTOR SIGNATURE:

Joseph Bates

October Bland

Joseph Bates
Date: 2020.04.07 08:51:55-070

04/07/2020

OFFICES NATIONWIDE



INSPECTION RESULT

INSPECTION MA	DE: Concrete	approach		
DATE / TIME: 2	00530	INSPECT	_{or:} V.Gruber	
APPROVED			□AT RISK	
□ DISAPPROVED		□PHASE PASS		
□ REINSPECTION REQUIRED				
SIGNATURE:	SERC_16-AVC-84	Digitally signed by Vlctor Gruber Date: 2020.05.30 14:11:20 -07'00'	DATE:	

COMMENTS:

Base was re-inspected after rains. Base was good. Concrete approved for pour. No Concerns at this time.

OFFICES NATIONWIDE

Attachment 14 – SOIL&WATER-4 Water Use

MONTHLY WATER USAGE LOG

	Meter # 193	33855	Hydrant Met	er on Pacific	Pacific Street	: 3/4" (CBO)
	8320 Pacific St.		8320 Pacific St.		8230 Pacific Street	
	Stanton, CA	90680	Stanton, CA9	0680	Stanton, CA 9	0880
Date	Meter Read	Cuft	Meter Read	CuFt		
6/30/2020	3832.1		N/A			
7/1/2020	3832.1	0	N/A		107760	4
7/2/2020	3832.1	0	N/A		107764	3
7/3/2020	3832.1	0	N/A		107767	2
7/4/2020	3832.1	0	N/A			
7/5/2020	3832.1	0	N/A			
7/6/2020	3832.1	0	3740.4	1.6	107769	42
7/7/2020	3832.1	0	3742	0	107811	10
7/8/2020	3832.1	0	3742	2	107821	0
7/9/2020	3832.1	0	3744	2.5	107821	0
7/10/2020	3832.1	0	3746.5	1.8	107821	4
7/11/2020	3832.1	0	3748.3	0		
7/12/2020	3832.1	0	N/A			
7/13/2020	3832.1	0	3748.3	0	107825	2
7/14/2020	3832.1	0	3748.3	1.7	107827	2
7/15/2020		0	3750	2	107829	0
7/16/2020	3832.1	0	3752	2.7	107829	14
7/17/2020		0	3754.7	1.9	107843	4
7/18/2020		0		1.4		
7/19/2020		0	N/A			
7/20/2020		0	3758	1.6	107847	1
7/21/2020	3832.1	0	3759.6	0	107848	1
7/22/2020	3832.1	0	3759.6	2.4	107849	104
7/23/2020	3832.1	0	3762	0	107953	0
7/24/2020		0	3762	2.4	107953	-99
7/25/2020		0	3764.4	2.1		
7/26/2020		0	N/A			
7/27/2020		0	3766.5	0	107854	6
7/28/2020		0	3766.5	1.7	107860	8
7/29/2020		0	3768.2	0	107868	11
7/30/2020		0	3768.2	2.7	107879	21
7/31/2020		0	3770.9	2.3	-	2
8/1/2020			3773.2		107902	
CuFt Sub Total		0		33		142
CuEt Total		175				
CuFt Total	1	175				

Attachment 15 – SOIL&WATER-8 Encroachment Permit

CITY OF SCIMPT Stanton Department of Public Works

d Start Data	8/10/2020			1100		201-	1 -
A Start Date	8/10/2020				PERMIT NO	20-	09
t End Date: _	8/20/2020			2 9 2020			
ICATION FOR				#Check # 5/3 3 VALID CITY OF STA	TRACTOR	S MUST HAVE A	
XCAVATION I	PERMIT	AUTHORI	ZATION	WHEN CALLING	FOR INSPE	CTION PI FASE	
TREETS AND	SIDEWALKS PERMIT			a gray 55 TO WHEN CALLING GIVE PERMIT NUM	BER***	OTION, PLEASE	
TRUCTURES	IN STREETS PERMIT			SUBCONTRACTOR BUSINESS LICENS	X		
TREET LIGHT	TS AND POLES PERMIT			BUSINESS LICENS	E: YES	NO	_
		0711 Dal	. 1	LICENSE NUMBER			_
ATIONDESCR	RIPTION OF WORK:)/11 Dai	e Ave.	Stanton			-
Bob F	Iawes Granitex Co	onstructi	on Cor	npany Inc.			
PLEASE PRIN	IT (Name of Person, Firm, or	Corporation	for whom A	pplication is made)			
BUSINESS L	CENSE NO			"NOTE: ALL UTILITY MA	RKINGS MI	JST BE DONE WIT	н
by makes app	lication to perform the follow	ng described	work.	CHALK PAINT ONLY. THE TO PRESSURE WASH OFF		사용 등 경기를 보게 되었다.	Section 1
KETCH, PICT	URE OR PLAN IS SUBMIT	ED:		COMPLETION OF THE PR	OJECT IN A	MANNER	1
	KETCH PLANS CONSISTIN		21	ACCEPTABLE TO THE CIT ACCEPTABLE.	I. BLACK P	AINT IS NOT	
ATTACHED	RETOR FLANG CONGISTIN	T				wangan	
1	NSTALLATION	LENGTH	WIDTH	DESCRIPTION (TYPE OF SURFACE, DEPTH)	FEES	INSPECTION DATE	APV.
DRIVEWAY(R	ESIDENTIAL / COMMERCIA	L)		See plan New Oll (2)			
CURB ONLY	The Section of			See plan see plan			
CURB AND G	UTTER			see plan			
CROSS GUTT	TER						
STORM DRAI	N						
SIDE WALK				See plan NEW SIW			
PAVEMENT						U ===	
EXCAVATION						1. (1.75)	
						Total: 4415	.00
*DOCTIONAL	COMMENTS:			CITY STAFF USE ONLY		Total	
ADDITIONAL	COMMENTS: Contact	eity	01:01	start of work.		Total	(1)
ADDITIONAL	COMMENTS: Contact	e: (t)	prior			Total	(6)
ADDITIONAL	COMMENTS: Contact	e i k	pron			Total1	(4)
ADDITIONAL	COMMENTS: Contact	e:4)	prior	start of work.	t- 1.	Totalt	(1)
APPROVED	COMMENTS: Contact		T.	start of work.	129/20	Total	(4)

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

Call the Department of Public Works - Division of Engineering not later than noon on the day prior to the day on which you plan to do the work at (714) 890-4205. No faxes will be accepted. This permit must be on the job at all times. Attachment 16 – STRUC-1 CBO Approvals

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

Attachment 17 – TRANS-1 Permits

Attachment 17 has been deliberately left blank in this reporting period

Attachment 18 – Safety Inspection Report



JULY 2020 MONTHLY SAFETY INSPECTION COMPLIANCE REPOT

SERC / BESS = Battery Energy Storage System Stanton, CA

TTSC continued working with SERC/NV5/Jacobs to commence site safety protocols including the implementation of the site-specific training program as well as the WEAP orientation. Additional training regarding COVID-19 has been added to be a part of the site-specific training requirement. This includes daily reminders of hand washing and social distancing. Site entry requirements changed for entry including hand sanitizing, filling out a COVID-19 questionnaire - DAILY noting any changes in health as well as a temperature check of each team. Hand sanitizer has been placed around the jobsite in multiple locations.

Major site activities for the month of July included:

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

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

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

For the month of June we note the following:

- No First Aid
- No Near Misses
- No Recordable or Lost Time injuries

Jorge Garcia jgarcia@SMARTSafetyGroup.com 432-661-3684

Attachment 19 – CIVIL-3 Non-Compliance Reports

<Attachment 19 has been deliberately left blank in this reporting period>

Attachment 20 - COM-6 Filings & Permits to/by Government Agencies

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

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

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

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

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

This is not a certified copy of the ticket.

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

Work Start: 07/27/20 06:01 Legal Start: 07/27/20 06:01 Expires: 08/19/20 23:59

Response required: Y Priority: 2

Excavator Information Company: BOER BACKHOE, INC Co Addr: 7128 E PARKCREST ST

City: LONG BEACH State: CA Zip: 90808 Created By: SHERRY BOER Language: ENGLISH Office Phone: 562-355-8675 SMS/Cell: 562-355-8675

Office Email: SHERRY@BOERBACKHOE.COM

Site Contact: RUDGE WYNN

Site Phone: 916-240-8432 Site SMS/Cell:

Site Email

Excavation Area

State: CA County: ORANGE Place: STANTON

Zip: 90680

Location: Address/Street: 8230 PACIFIC ST

: X/ST1: FERN AVE

Delineated Method: WHITEPAINT

Work Type: FOOTINGS FOR BATTERY BACK-UP SYSTEM

Work For: TTS CONST CORP

Permit: Job/Work order: SERCBESSCN301

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

Lat/Long

Center Generated (NAD83): 33.807339/-117.989564 33.807369/-117.986265

: 33.806199/-117.989554 33.806230/-117.986254

Excavator Provided:

Map link:

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

Members:

Members:		
ATTDSOUTH AT&T DISTRIBUTION - PHONE	ATT DAMAGE PREVENTION HO	510-645-2929
MWD05 METROPOLITAN WATER	OPERATIONS CONTROL CENTE	626-844-5610
SCG28T SC GAS BREA -TRANSMISSION	ADAM JUAREZ	714-634-3196
SCG2XN SC GAS - GARDEN GROVE	LEAD DISPATCHER - CHUCK	800-603-7060
SCW2M GOLDEN STATE WATER - GARDENA	DAVID CATHCART	310-660-0320
SCW2P SO CAL WATER(GOLDEN ST WTR)	GILBERT ESTRADA	562-547-7073 xCELL
UCHTRW_C5 UTIL/SPECTRUM GG - CATV	SPECTRUM DAMAGE ONLY	844-780-6054
USCEOR UTILIQUEST FOR SCE- ORANGE RE	SC EDISON PERSONNEL	800-611-1911
USCETT84SE UTIL 4 SCE TRNS TELEC-FIB	TCC	800-655-8844
() () () () () () () () () ()	C - 1 4 CC -41	C 1:C :

(c) Copyright 2017 Underground Service Alert of Southern California.

All rights reserved.

8/7/2020 Ticket Map

Newtin - B

Mapping

Ticket: B202040385 **Revision:** 00B

State: CA County: ORANGE Place: STANTON

Address: 8230 Street: PACIFIC ST

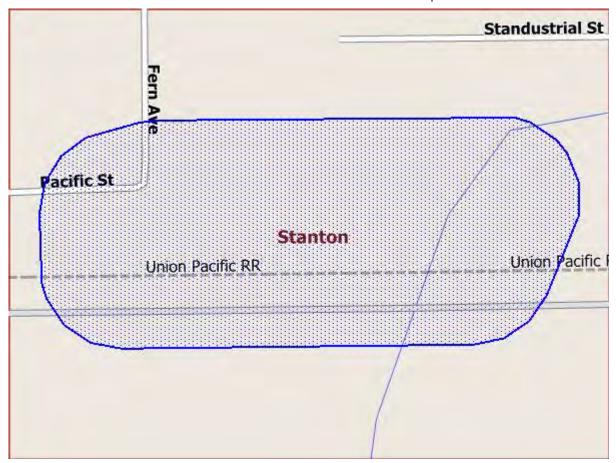
Location:

Map view for ticket B202040385-00B



Work area view for ticket B202040385-00B

8/7/2020 Ticket Map



Ortho view for ticket B202040385-00B



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

SERC COMPLAINT REPORT AND RESOLUTION LOG

Incident #	Incidents Occurred this Period	Resolution Actions Taken	Status of Unresolved Actions form Previous MCR's
01	Complaint about Track-out on Dale Ave.	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 th 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