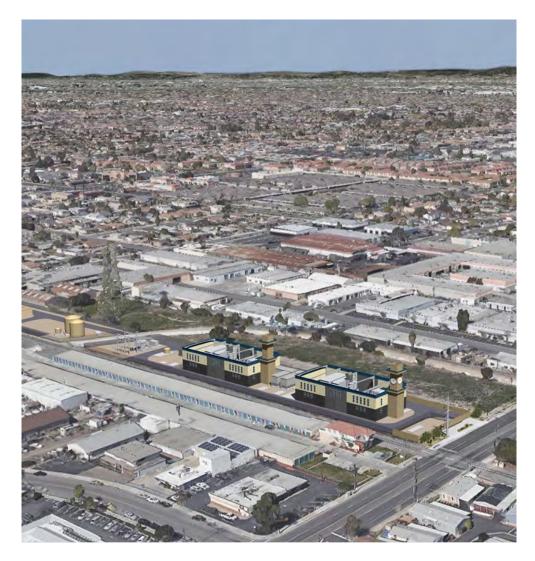
DOCKETED	
Docket Number:	16-AFC-01C
Project Title:	Stanton Energy Reliability Center - Compliance
TN #:	233838
Document Title:	Monthly Compliance Report No 17
Description:	Stanton Energy Reliability Center June 2020 Monthly Compliance Report
Filer:	John Heiser
Organization:	California Energy Commission
Submitter Role:	Commission Staff
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# **Stanton Energy Reliability Center**

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



Prepared by Stanton Energy Reliability Center, LLC (SERC) Submitted July 11, 2020

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#### Key Events List

PROJECT:	Stanton Energy Reliability Center	
DOCKET #:	16-AFC-01	
COMPLIANCE PROJECT MANAGER:	John Heiser	
EVENT DE	SCRIPTION	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	n	January 31, 2019
Start Site Mobilization/Construction		February 12, 2019
Begin Pouring Major Foundation Concr	rete	March 29, 2019
Begin Installing Major Equipment		September 4, 2019
Completion of Installation of Major Equ	uipment	June, 2020
First Combustion of Gas Turbine		April 17, 2020
Obtain Building Occupation Permit		TBD
Start Commercial Operation		BESS Aug 1, 2020;
		LM6000 July 1, 2020
Complete All Construction		May 28, 2020
TRANSMISSION	I LINE ACTIVITIES	
Start Transmission Line Construction		October 1, 2019
Complete Transmission Line Construct	ion	February 26, 2020
Synchronization with Grid and Intercor	nnection	April 25, 2020
FUEL SUPPLY	LINE ACTIVITIES	
Start Gas Pipeline Construction and Int	erconnection	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 Construct	ion	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: June 2020.

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

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

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

Battery Energy Storage System (BESS) construction commenced on March 16, 2020. During this reporting period, most of the work was placement of the remaining equipment including invertors, Mark VIe Integrated Control Systems (RCU), Uninterruptible Power Systems (UPS) and Distribution Panels. The installation and termination of power and control cables and the testing of the protection control systems. The 13.8kV cable from the Generator Step up Transformer (GSU) to the BESS switchgear was energized on June 27.

A preliminary project summary schedule is included in Attachment 1.

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

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

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

#### 1.1 Engineering

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

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

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

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

#### 1.2 Procurement

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

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

#### 1.3 Construction

#### <u>ARB</u>

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

#### <u>TTSC</u>

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

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

#### Safety:

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

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

Civil:

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

Structural:

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

Electrical:

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

1.4 Explanation of Significant Changes to the Schedule

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

## 2. Documents Required by Specific Conditions for MCR

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

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

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

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

#### 3. Compliance Matrix

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

## 4. Conditions Satisfied During Reporting Period

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

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

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

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

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

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

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

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

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

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

**COM-9**: The Annual Compliance Fee was paid by SERC, LLC on Jun 9<sup>th</sup>. Documentation of the payment, including a receipt from the CEC was forwarded to the CPM.

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

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

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

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

**CUL-5:** During the reporting period 110 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,101 Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

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

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

**ELEC-1:** Documentation of transmittal of electrical construction design review and approval by the DCBO during the reporting period. During this reporting period there were four (4) approvals by the DCBO as indicated in Attachment 8.

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

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

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

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

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

**GEN-7:** There were no Design Discrepancy Corrections during the reporting period as indicated in Attachment 12.

**GEN-8:** There were five (5) final inspection during this reporting period as described in GEN-8 Attachment 13.

**MECH-1:** There were no completion of inspections received 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 110 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 1,101. Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

**PAL-6:** A summary of the Paleontological Resource Specialist's activities during the reporting period including daily monitoring logs is included in the Monthly Paleontology Report included as Attachment 7.

**SOIL&WATER-4:** The monthly water use for SERC during the reporting period was 1,071 CF. Daily water usage is provided within Attachment 14.

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

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

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

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

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

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

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

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

**WASTE-4:** During this reporting period six (6) forty-yard bins of construction waste, no (0) 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 November 2019.

Attachment 1 – COM-6 Project Schedule

Page **12** of **387** 

	ect Master Schedule (w/ARB Jun Sched) CEC/SCE			<u>.</u>	WBS Sun																			10-J	Jul-20 17
ivity ID	Activity Name	OD	% Comp	Start	Finish	TF	1/	May	202 Jun		A	Sep	Oct	Nov	Dee	Jan	Feb M	lor	Apr   N	lay J	2021	 	Oct	Nov De	20 ec Jan
SEPC Basoli	ne Project Master Schedule (w/ARB Jun Sched) & CEC/S(	927	67.2%	28-Feb-16 A	02-Dec-21	0	0	way	Jun	Jui	Aug	Sep	Oct	NOV	Dec	Jan	Feb IV		Apr IV	iay J	un Ju	g Sep	Oct		c Jan
		-		01-Jul-20	01-Jul-20	287	0															-			
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	A Key Milestone	0		01-Jun-20			0															-			
4	Expected Initial Delivery Date	0	0%		01-Jun-20*	304	U															 	+		
GIA Key Miles		66		28-Feb-20 A	25-Jun-20	290	0															1			
6	In-Service Date (Initial Backfeed - Liquidated Damages From S	0			28-Feb-20 A		0															-			
7	Initial Synchronization Date/Trial Operation (No Later Than)	0			03-Mar-20 A		0																		
8	Commercial Operation Date (No Later Than)	0	0%		25-Jun-20*	166	0		8																
	tion Activities	701		26-Oct-16 A	16-Nov-19 A		0						+									 	+		
CEC Permitting		434			12-Feb-19 A		0										   								1
12	Presiding Members Proposed Decision (PMPD) issued	1			08-Oct-18 A		0																		
13	Full Commission Decision for Approval	0		13-Nov-18 A			0															-			
15	CEC Decision Final (non-appealable)	0	100%		13-Dec-18 A		0																		
14	Post-Approval 30-day appeal period	30			13-Dec-18 A		0			+		-										 	+		
11	Application for Certification	782			17-Dec-18 A		0															-			
Pre-Construction	n Compliance (CEC)	47			12-Feb-19 A		0																		
18	Limited Notice to Proceed (LNTP)	0			31-Jan-19 A		0						1									1 1 1			
17	Compliance submittals necessary to get a Limited Notice to Pr	69			31-Jan-19 A		0															-			
20	Full Notice to Proceed (FNTP)	0	100%	12-Feb-19 A			0															 			
19	Compliance submittals necessary to get a Full Notice to Proce	83	100%	13-Nov-18 A	12-Feb-19 A		0															1			
SCAQMD Air Pe		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
24	"Issued For Bid" Engineering Package for Contractor Pricing re	174	100%	31-Oct-18 A	31-Oct-18 A		0						1			1									
25	Further Develop Engineering to Signed and Stamped Plan Set	575	100%	31-Oct-18 A	17-Dec-18 A		0																		
26	Receive Signed and Stamped Plan Set	1	100%	17-Dec-18 A	17-Dec-18 A		0																		
27	Vehicle Bridge Engineering	45	100%	29-Oct-18 A	18-Jan-19 A		0						     			1	1					1			
28	BESS & EGT Integration Engineering	105	100%	02-Jan-19 A	22-Feb-19 A		0										, , , ,					- - - -			
29	Assemble Engineering into CBO submittal packages	148	100%	11-Dec-18 A	29-Aug-19 A		0										1								
<b>Real Properties</b>	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										1					   			
34	Sewer Service Connection Permit	16	100%	31-Dec-18 A	28-Jan-19 A		0						1				1					1			
33	Water Service Connection Permit	16	100%	31-Dec-18 A	28-Jan-19 A		0																		
35	Orange County Public Works (OCPW) Encroachment Agreeme	4	100%	03-Dec-18 A	01-Feb-19 A		0										1								
32	SCE Easement Consent	81	100%	31-Dec-18 A	25-Feb-19 A		0										+					 			
Owner Supplied	d Equipment (OSE) Procurement Schedule	356	100%	08-Feb-18 A	16-Nov-19 A		0			1			1				1								
LM6000 Packag	jes	190	100%	22-Feb-18 A	01-Aug-19 A		0									1									
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Remaining	Level of Effort Actual Work Critical Remaining Work				Page 1 c	of 17							TA	ASK filt	ter: Not	Level	Of Effor	t				 			
Actual Leve	el of Effort Remaining Work   Milestone				-																		(	© Oracle	Corpor

/ ID	Activity Name	OD	% Comp	Start	Finish T	F Fin		202	20											
						Va	. May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	JL
38	Effective Date of Turbine Supply Contract	0	100%		22-Feb-18 A	0	)													
39	Engineering Received from Manufacturer	45	100%	22-Feb-18 A	11-May-18 A	0	)				; ; ; ; ;									
40	Order of Long Lead Time Items	0	100%	23-May-18 A		0	)													
41	FNTP	0	100%	23-Aug-18 A		0	)				1									
43	Receipt of Notice of Ready to Ship (RTS)	0	100%		11-Apr-19 A	C	)				1		1 1 1		1					
44	Delivery Per FCA (Goods Actually Ready For Shipment)	0	100%		21-May-19 A	C	)													
42	Manufacturer Time (FNTP-Delivery)	169	100%	23-Aug-18 A	21-May-19 A	C	)													
A1000	Transportation From FCA Delivery Point To Site	40	100%	21-May-19 A	01-Aug-19 A	C	)				1 1 1		1 1 1 1				1			
Emissions Reduc	ction Unit (ERU)	356	100%	08-Feb-18 A	16-Nov-19 A	C	)													
47	Effective Date of the ERU Supply Contract	0	100%		08-Feb-18 A	0	)				1		1							
57	Selection of Nox & CO Catalyst	0	100%		01-Jun-18 A	C	)				1									
62	Engineering Received from Manufacturer	0	100%		05-Jul-18 A	C	)						1							
56	Engineering Received from Manufacturer	0	100%		13-Jul-18 A	C	)				     		     		     					
61	Approval of Engineering	0	100%		19-Jul-18 A	C	)								     					
55	Approval of Engineering	0	100%		27-Jul-18 A	C	)				1									
54	Release for Fabrication of Nox & CO Catalyst	0	100%		13-Aug-18 A	C	)				1		1 1 1	1	1					
53	Delivery of instalation proceedures	0	100%	n l	24-Aug-18 A	C	)													
60	Engineering Received from Manufacturer	0	100%		30-Aug-18 A	C	)						+ ! !							
52	Delivery of maintenance proceedures	0	100%		07-Sep-18 A	C	)				1		1		1					
59	Approval of Engineering	0	100%	•	13-Sep-18 A	C	)								-					
58	FNTP	0	100%	12-Oct-18 A		C	)				1		1							
A1010	Fabrication Drawings	4	100%	12-Oct-18 A	01-Feb-19 A	C	)													
A1020	SERC Review Fabrication Drawings	4	100%	01-Feb-19 A	15-Feb-19 A	C	)				/   		+   				+			
51	Manufacturer Time (FNTP-Delivery)	123	100%	15-Feb-19 A	18-Jun-19 A	0	)				1		1							
49	NOx & CO Modules	0	100%	•	14-Oct-19 A	0	)													
50	Delivery/Goods Received (Duct, Stack, Silencer)	59	100%	01-Jul-19 A	25-Oct-19 A	C	)				1		1							
A1030	Transportation Of ERU Materials	4	100%	01-Jul-19 A	16-Nov-19 A	C	)				1		1							
Generator Step-U	Jp Transformer (GSU)	194	100%	29-Jun-18 A	31-May-19 A	C	)						<u>+</u>							
64	LNTP/PO Date	0	100%		29-Jun-18 A	0	)					   								
66	FNTP	0	100%	20-Sep-18 A		C	)								1					
65	Engineering Received from Manufacturer	56	100%	29-Jun-18 A	20-Sep-18 A	C	)													
67	Manufacturer Time (FNTP-Delivery)	162	100%	20-Sep-18 A	28-Feb-19 A	C	)				1		1		-					
69	Delivery/Goods Received At Site	0	100%		31-May-19 A	0	)				 		$\frac{1}{1}$	 			1			
Vehicle Bridge		47	100%	01-Nov-18 A	22-Mar-19 A	C	)				1		1		-					
71	LNTP/PO Date	0	100%	01-Nov-18 A		0	)				1		1							
73	FNTP	0	100%	)	07-Jan-19 A	0	)								1 1 1 1					
72	Engineering Received from Manufacturer	32		02-Nov-18 A	07-Jan-19 A	C	)													
74	Manufacturer Time (FNTP-Delivery)	24		08-Jan-19 A		0	)					L	<u>+</u>				1 1 1			
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AQ-1000	AQ-1160	AO 1160	AQ-1080	AQ-1100	AQ-1170	AQ-1020	AQ-1015	AQ-1010	Air Quality	CEC Compliance R1	102	103	101	CBO performance of duties	86	66	CBO Activity	CEC Compliance	95	94	93	92	Project Finance	90	88	68	87	85	86	83	84	82	81	<b>Construction Contracting</b>	79	78	Balance Of Plant OSE	75	
AQ-D1a - Initial Source Test	AQ-H1 - NUX CEINS Performance Evaluation	AD L1 NOv CEMS Bothomorphone Evolution	AQ-D4 - CEMS for CO	AQ-D5 - CEMS for NOx	AQ-K1 - Source Test Results	AQ-D2 - Operations Source Test	AQ-D1b - Initial Source Test	AQ-D1b - Initial Source Test			Inspector On Site	Perform Plan Check of Submittals	Review and approve Pre-construction submittal	S	CBO Contract Execution	CBO Kick off Meeting			Financial Close	Develop Loan Documentation	Perform Dilligence	Provide Mandate to Helaba		Provide Notice To Proceed to Contractor	Execute Construction Contract	Make executed construction contract available in the SERC du	<b>Review Final Bids / Select Contractor</b>	Contractor Pricing Refresh	Final Bids Turned In	Short list two construction contractors and negotiate draft cont	Achieve Commercial Lockdown	Review Initial Bids	<b>Receive Initial Bids from Construction Contractors</b>	Ξ.	Available for delivery to the Project Site	Place BOP OSE Purchase Orders		Delivery/Goods Received	
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		•			03-May-20 A	100%	0	MECH-3a - HVAC Plans	MECH-1010
		•			03-May-20 A	100%	0	MECH-3b - HVAC Plans	<b>MECH-1020</b>
		•			24-Aug-19 A	100%	0	MECH-2a - Pressure Vessel Installation	<b>MECH-1000</b>
		0		03-May-20 A	24-Aug-19 A	100%	202		Mechanical
		0			09-Mar-20 A		0	HAZ-9 - Fuel Gas Pipe Cleaning	HAZ-1090
		0			04-Nov-19 A	100%	0	HAZ-2c - Final Risk Management Plan	HAZ-1020
		•			04-Nov-19 A	100%	0	HAZ-3 - Aqueous Ammonia Safety Management Plan	HAZ-1030
		•			04-Nov-19 A	100%	0	HAZ-4 - Ammonia Storage Tank Design	HAZ-1040
		•			04-Nov-19 A	100%	0	HAZ-5 - Transport Vehicle Specifications	HAZ-1050
		•			23-Aug-19 A	100%	0	HAZ-6b - Route Restrictions, New Vendor	HAZ-1070
		0			29-Jul-19 A	100%	0	HAZ-2b - Final Risk Management Plan	HAZ-1010
· · · · · · · · · · · · · · · · · · ·		•			28-Jul-19 A	100%	0	HAZ-6a - HazMat Transport Route Restrictions	HAZ-1060
		0			20-Jul-19 A	100%	0	HAZ-2a - Final HMBP and SPCC	HAZ-1000
· · · · · · · · · · · · · · · · · · ·		0			20-Jul-19 A	100%	0	HAZ-8a - Operations Site Security Plan	HAZ-1080
		0		09-Mar-20 A	20-Jul-19 A	100%	202		Hazardous
<b>•</b>	1 1 1 1 1 1 1 1 1 1 1 1 1 1	-13	285 -		11-Dec-20	0%	0	<b>GEN-8c - Plan and Specification Archive Copies</b>	GEN-1040
••		•	335		09-Oct-20	0%	0	GEN-1a - Certificate of Occupancy	GEN-1000
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		-1 3	375 -		20-Aug-20	0%	0	GEN-8b - Plan and Specification Storage	GEN-1030
		-13	285 -	11-Dec-20	20-Aug-20	0%	90		General
		0	375		20-Aug-20	0%	0	CUL-4b - Final Cultural Resources Report	CUL-1010
		•			16-May-20 A	100%	0	CUL-1j - Discharge the CRS, after receiving approval from the C	CUL-1000
		0	375	20-Aug-20	16-May-20 A	100%	77		Cultural
·		•			03-May-20 A	100%	0	COM-12b - Emergency Response Site Contingency Plan	COM-1020
		0		03-May-20 A	03-May-20 A	0%	0		Communication
		•			16-May-20 A	100%	0	CIVIL-4a - Final Grading Plan Approval	CIV-1010
		0		16-May-20 A	16-May-20 A	0%	0		Civil
		0	240		05-Feb-21	0%	0	BIO-5c - WEAP Training Acknowledgement Forms on File	BIO-1000
		0	390		01-Aug-20	0%	0	<b>BIO-6e - BRMIMP Construction Closure Report</b>	BIO-1010
	- <b>&gt;</b> +	0	390		01-Aug-20	0%	0	BIO-7b - General Impact Avoidance and Mitigation Measures	BIO-1020
		0			19-Sep-19 A	100%	0	BIO-8c - Implementation of Nest Surveys and Inclusion in BRM	BIO-1060
		0			19-Aug-19 A	100%	0	BIO-8a2 - Pre-Construction Nest Surveys and Impact Avoidance	BIO-1040
		0			19-Aug-19 A	100%	0	BIO-8b - Preconstruction Nest Survey Letter Report	BIO-1050
		0			31-Jul-19 A	100%	0	BIO-8a1 - Pre-Construction Nest Surveys and Impact Avoidance	BIO-1030
		0	240	05-Feb-21	31-Jul-19 A	66.19%	444		Biological
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		251 0	01-Sep-20	28-Feb-16 A	100%	367	tion Schedule	LM6000 Construction Schedule
-		377 -15		18-Aug-20	0%	0	WORKER SAFETY-8f - Final UL Certification of ESS	WRSF-1070
		377 -15		18-Aug-20	0%	0	WORKER SAFETY-8f.1 - Final UL Certification of ESS	WRSF-1080
		0		16-May-20 A	100%	0	WORKER SAFETY-8e - Letter to OCFA	WRSF-1050
•				16-May-20 A	100%	0	WORKER SAFETY-8e.1 - Letter to OCFA	WRSF-1060
0		0		09-Mar-20 A	100%	0	WORKER SAFETY-2a - Operations H&S Program	WRSF-1000
		0		09-Mar-20 A	100%	0	WORKER SAFETY-2b - Operations H&S Program	WRSF-1010
		0		28-Jul-19 A	100%	0	WORKER SAFETY-7a - Fire Protection System Specifications	WRSF-1020
		0		28-Jul-19 A	100%	0	WORKER SAFETY-7c - Fire Protection System Specifications	WRSF-1040
		377 -15	18-Aug-20	28-Jul-19 A	100%	310		Worker Safety
0	0	240		05-Feb-21	0%	0	WASTE-8a - Operation Waste Management Plan	WASTE-1050
0	0	440		31-May-20	0%	0	WASTE-1b - SMP Summary	WASTE-1020
0	0	240	05-Feb-21	31-May-20	0%	200		Waste
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0	0	240		05-Feb-21	0%	0	VIS-4h - Pre-COD Inspection	VIS-1100
0	0	420		25-Jun-20	0%	0	VIS-1c - Notification that Treatment Completed	VIS-1000
•	0			21-May-20 A	100%	0	VIS-2d - Landscaping Ready for Inspection	VIS-1030
•	0			16-May-20 A	100%	0	VIS-2c - Landscape Installation Timing	VIS-1020
0	6			03-Feb-20 A	100%	0	VIS-2a - Screening Landscaping Plan	VIS-1010
0	0	240	05-Feb-21	03-Feb-20 A	28.12%	250		Visual
0		0		02-Dec-21	0%	0	TSE-2b - Final Switchyard Design	TSE-1020
•	6			14-May-20 A	100%	0	TSE-5b - As-Built Drawings	TSE-1070
•	0			14-May-20 A	100%	0	TSE-5c - As-Built Drawings	TSE-1080
•				14-May-20 A	100%	0	TSE-5d - As-Built Drawings	TSE-1090
0	0			06-Mar-20 A	100%	0	TSE-4a - Notice to CAISO	TSE-1050
0				02-Mar-20 A	100%	0	TSE-4b - Notice to CAISO	TSE-1060
0	0	0	02-Dec-21	02-Mar-20 A	100%	491		Switchyard
0	0	240		05-Feb-21	0%	0	TRANS-4b - Copies of Permits	TNP-1000
0	0	240	05-Feb-21	05-Feb-21	0%	0		Transportation
0	0			28-Jan-20 A	100%	0	TLSN-2 - Metallic Objects Grounded	TLSN-1010
0	0		28-Jan-20 A	28-Jan-20 A	0%	0		Transmission
0				05-Nov-19 A	100%	0	STRUC-4a - Tank and HazMat Vessel Design	STR-1010
0	0		05-Nov-19 A	05-Nov-19 A	0%	0		Structural
0	0	315		03-Nov-20	0%	0	PAL-8 - Curation Entity/Curation Fees	PAL-1010
0	0	315		20-Aug-20	0%	0	PAL-7 - Paleontological Resources Report	PAL-1000
0	0	315	03-Nov-20	20-Aug-20	0%	60		Paleo
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Stanton Energy Reliab	ility Center - 03MAY20	367 10	0% 28-Feb-16 <i>A</i>	A 01-Sep-20	251	0																Ţ
Milestones		366 10	0% 09-Nov-18	A 01-Sep-20	251	0											1 1 1					
Contract Milestones				A 30-May-20 A		0																
00-Milest-110	Contract Negotiations	34 10	0% 09-Nov-18	A 21-Dec-18 A		0																
00-Milest-120	Effective Date	1 10	0% 24-Dec-18	A 24-Dec-18 A		0																
00-Milest-130	Commencement Date & NTP = 04FEB19	0 10	0% 04-Feb-19 <i>A</i>	<b>\</b>		0	_															
00-Milest-190	Scheduled Mechanical Completion Date = 01Mar20		0%	01-Mar-20 A		0	_															
00-Milest-200	Final Project Completion Date = 30MAY20		0%	30-May-20 A		0		\$														
Project Milestones			0% 14-Jan-19 <i>4</i>		-53	0																
00-Milest-300	Kick-off Meeting	1 10	0% 14-Jan-19 <i>A</i>	A 14-Jan-19 A		0																
00-Milest-310	Start of Mobilization	0 10	0% 04-Feb-19 <i>A</i>	<b>\</b>		0	_															
00-Milest-320	Parcel 1 Temp Power Available = 08FEB19		0% 08-Feb-19 <i>A</i>			0												1				
00-Milest-240	Begin Site Disturbance = 19FEB19		0% 25-Feb-19 <i>A</i>			0	_															
00-Cranes-110	Crane Site Mobilization			A 31-Aug-19 A		0	_										1 1 1					
00-Cranes-130	Crane Demob			A 21-Nov-19 A		0																
00-Milest-710	Switchyard Substation Construction Completed	0 10	0%	06-Dec-19 A		0	_															
00-Milest-720	Ready for SCE Start Backfeed	0 10		06-Dec-19 A		0	_															
00-SwYard-920	Switchyard Substation: SCE Backfeed Completion	0 10	0%	28-Feb-20 A		0	_															
00-Milest-820	U2 1st Fire Readiness		0%	11-Apr-20 A		0	_										1 1 1					
00-Milest-810	U1 1st Fire Readiness	0 10		14-Apr-20 A		0							+-									
00-Milest-620	U1 Mechanical Completion Milestone	0 10		20-Apr-20 A		0	_										1 1 1					
00-Milest-610	U2 Mechanical Completion Milestone		0%	25-Apr-20 A		0	_															
00-Milest-910	Projected Mechanical Completion Date		0%	27-Apr-20 A		0	_															
00-Milest-920	Projected Final Completion Date		0%	01-Sep-20*	-75					8												
Payment Milestones			0% 24-Dec-18		-53	0														·	·	
Initial Milestones			0% 24-Dec-18			0											1 1 1					
00-Paymnt-001	At Contract Execution	0 10		24-Dec-18 A		0	_															
00-Paymnt-003	At Notice to Proceed		0% 04-Feb-19 <i>F</i>			0	_										1 1 1					
00-Paymnt-004	Mobilization		0% 04-Feb-19 <i>F</i>			0	_															
00-Paymnt-002	Completion of Preliminary Work	0 10		15-Feb-19 A		0														· · · · · · · · · · · · · · · · · · ·		-
Site Civil Works - Duct			0% 09-May-19			0																
00-Paymnt-005	15 kV Ductbank Trenching Complete	0 10		09-May-19 A		0	_															
00-Paymnt-009	15 kV Ductbank Installed	0 10		29-May-19 A		0	_															
00-Paymnt-008	Ductbank Materials Procurement Complete	0 10		26-Jul-19 A		0	_										,					
00-Paymnt-006	66 kV Ductbank Trenching Complete	0 10		06-Sep-19 A		0														·		÷
00-Paymnt-010	66 kV Ductbank Installed		0%	12-Sep-19 A	_	0	-											1 1 1				
00-Paymnt-007	480 Volt Ductbank Trenching Complete	0 10		16-Sep-19 A	_	0	_															
00-Paymnt-011	480 Volt Ductbank Installed	0 10	10%	28-Oct-19 A		0									 			   				
Remaining Level o Actual Level of Effo				Page 6	of 17						TASK filte	r: Not Level	Of Effe	ort.							Oracle Co	_

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Site Civil Works - Parcel	1 Milestones	187	100%	06-May-19 A	06-Mar-20 A			May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
	Spoils Delivery Complete of Parcel 1	0			06-May-19 A		0							-						
•	Mass Excavation of Parcel 1 Complete	0	100%		06-May-19 A		0													
-	Installation of Geotextile and Associated Aggregate	0	100%		17-May-19 A		0													
-	Recompaction necessary for Installation of Major Foundations	0			08-Jul-19 A		0													
-	Recompaction back to Rough Grade after Foundation Install	0			06-Mar-20 A		0				1									
Site Civil Works - Water F		90		28-Feb-19 A	08-Jul-19 A		0							-						1
	Mass Excavation for Water Farm Area (including Demin Tank)	90 0	100%		28-Feb-19 A		0													
	Installation of Geotextile and Associated Aggregate Complete	0			28-Feb-19 A		0				1									, , , ,
-		-					0							-						, , , ,
00-Paymnt-019 Site Civil Works - Wareho	Recompaction necessary for Installation of Foundations	0	100%		08-Jul-19 A		0													
		138		22-Jul-19 A	02-Mar-20 A		0				1									1
-	Recompaction necessary for Installation of Warehouse Founda	0			22-Jul-19 A		0													
	Mass Excavation for Warehouse Area - Scope Eliminated by Ov	0			22-Jul-19 A		0													
-	Installation of Geotextile and Associated Aggregate Complete	0			02-Mar-20 A		0				1									
Bridge Milestones		28		26-Jul-19 A	13-Sep-19 A		0													
-	Vehicle Bridge Installation Complete and Approved for Use	0			26-Jul-19 A		0													
-	Utility Bridge Installation Complete with CBO Approval	0			13-Sep-19 A		0				¦ 									¦
Structural - Major Found		58		06-May-19 A	-		0				1			1						1
	Ammonia Sump Pit	0	100%		06-May-19 A		0				1									-
-	Ammonia Tank Foundation and Sump	0			07-Jun-19 A		0				1			-						}
-	CTG2 Foundation Poured	0	100%		25-Jun-19 A		0													
	CTG2 Foundation Formed	0	100%		08-Jul-19 A		0													 
-	ERU2 Centerline Foundations Formed (including Stack)	0			08-Jul-19 A		0				1			-						
-	Receipt of all Shop Fab Rebar at Site	0	100%		26-Jul-19 A		0													
,	CTG1 Foundation Formed	0	100%		26-Jul-19 A		0				1									
00-Paymnt-031	ERU1 Centerline Foundations Formed (including Stack)	0	100%		26-Jul-19 A		0				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				1									-
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													1
Structural - Minor Found	ation Milestones	134	100%	06-May-19 A	08-Jan-20 A		0													
00-Paymnt-038	Demin Water Tank	0	100%		06-May-19 A		0								<u>.</u>		 			<u>.</u>
00-Paymnt-039	RO Skid	0	100%		20-Jun-19 A		0				1			1						1
00-Paymnt-040	Demin Water Skid	0	100%		28-Jun-19 A		0													
00-Paymnt-043	480 Volt MCC - Water Treatment	0	100%		02-Jul-19 A		0				1									1
00-Paymnt-046	Utility Bridge Abutments	0	100%		17-Jul-19 A		0							-						2 1 1 1
00-Paymnt-049	Utility Rack Supports	0	100%		17-Jul-19 A		0													
00-Paymnt-045	Spread Footings for Roofless Enclosure U2	0	100%		26-Jul-19 A		0										· · · · ·			

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y ID	ter Schedule (w/ARB Jun Sched) CEC/SCE	OD % Cor	mn Start	WBS Summ	TF Fin.	20	20										2021				10-Ju	ul-20 <sup>-</sup>
Jy ID					Vor	y Jun		Aug S		ct Nov	Dec	Jan	Feb	Mar	Apr N	Mav	Jun Jul	Aug	Sep	Oct N	lov Dec	
00-Paymnt-048	PDM Columns	0 100	0%	05-Sep-19 A	0	,										,		1				
00-Paymnt-041	Fogging Water Skid U1	0 100	0%	16-Sep-19 A	0																	
00-Paymnt-042	Fogging Water Skid U2	0 100	0%	16-Sep-19 A	0																	
00-Paymnt-044	Spread Footings for Roofless Enclosure U1	0 100	0%	16-Sep-19 A	0																	
00-Paymnt-047	Power Distribution Module (PDM) Building Spread Footings	0 100	0%	16-Sep-19 A	0		<sup>1</sup>		l I I I	· ± · · · · · · · · · · · ·		L			·			- L J - I I I I I I	!-	·		!
00-Paymnt-050	Switchyard Support	0 100	0%	25-Sep-19 A	0																	
00-Paymnt-051	Switchyard Substation Module Foundation	0 100	0%	25-Sep-19 A	0																	
00-Paymnt-052	Fuel Gas Compressor Area Foundations	0 100	0%	26-Sep-19 A	0																	
00-Paymnt-057	BESS Switchgear Foundation	0 100	0%	04-Oct-19 A	0																	
00-Paymnt-055	CTG2 Miscellaneous Foundations	0 100	0%	16-Oct-19 A	0				l I I I	· + · · · · · · · · · · · ·		L J			·				!-			
00-Paymnt-053	CTG1 Miscellaneous Foundations	0 100	0%	22-Nov-19 A	0			-														
00-Paymnt-037	Receipt of Shop Fab Rebar at Site	0 100	0%	23-Nov-19 A	0					1												
00-Paymnt-056	ERU2 Miscellaneous Foundations	0 100	0%	03-Jan-20 A	0																	
00-Paymnt-054	ERU1 Miscellaneous Foundations	0 100	0%	08-Jan-20 A	0																	
UG Storm Water Syst	em Milestones	198 100	0% 27-Mar-19 A	30-Mar-20 A	0					· + · · · · · · · · · · · ·		L			·				!-			
00-Paymnt-058	Procure Storm Drain Pipe	0 100	0%	27-Mar-19 A	0																	
00-Paymnt-060	Install Storm Drain Pipe North	0 100	0%	31-Jan-20 A	0																	
00-Paymnt-059	Install Storm Drain Pipe South	0 100	0%	26-Feb-20 A	0																	
00-Paymnt-061	Install all other Storm Drain Segments	0 100	0%	30-Mar-20 A	0																	
00-Paymnt-062	HydroTest Stormwater Systems	0 100	0%	30-Mar-20 A	0																	!
UG Piping Installation	Milestones	186 100	0% 26-Apr-19A	03-Apr-20 A	0																	
00-Paymnt-063	Procure Underground Pipe	0 100	0%	26-Apr-19 A	0																	
00-Paymnt-065	Install Demin Water pipe	0 100	0%	17-Jun-19 A	0																	
00-Paymnt-064	Install Natural Gas pipe	0 100	0%	16-Mar-20 A	0																	
00-Paymnt-067	HydroTest Underground Piping Systems	0 100	0%	16-Mar-20 A	0																	!
00-Paymnt-066	Install Fire Main	0 100	0%	03-Apr-20 A	0																	
UG Ground Grid Miles	tones	174 100	0% 26-Jun-19 A	08-May-20 A	0																	
00-Paymnt-069	Installation of Ground Grid - Switchyard Substation Area	0 100	0%	26-Jun-19 A	0																	
00-Paymnt-068	Procure Ground Grid	0 100	0%	26-Jul-19 A	0																	
00-Paymnt-071	Installation of Ground Grid - Power Island 2	0 100	0%	26-Jul-19 A	0					1	1											
00-Paymnt-072	Installation of Ground Grid - Water Farm Area	0 100	0%	26-Jul-19 A	0																	
00-Paymnt-070	Installation of Ground Grid - Power Island 1	0 100	0%	06-Sep-19 A	0			-														
00-Paymnt-073	Installation of Ground Grid - BESS 15 kV Switchgear Area (BES	0 100	0%	04-Oct-19 A	0																	
00-Paymnt-075	Installation of Ground Grid - Remainder	0 100	0%	28-Feb-20 A	0																	
00-Paymnt-074	Installation of Ground Grid - Perimeter	0 100	0%	08-May-20 A	0 💲			1		1	1				     					1	1	
Unit Substation Milest	ones	59 100	0% 30-Aug-19 A	06-Dec-19 A	0																	
00-Paymnt-080	Switchyard, Substation: Protection Module	0 100	0%	30-Aug-19 A	0																	
00-Paymnt-076	Set GSU	0 100	0%	04-Sep-19 A	0																	1
Remaining Level o	-			Page 8 of <sup>-</sup>	17					TASK	filter: No	ot Level	Of Effo	ort.							Oracle C	

Remaining Level of Effort	Actual Work	Critical Remaining Work	Page 8 of 17	TASK filter: Not Level Of Effor
Actual Level of Effort	Remaining Work	♦ Milestone		

	er Schedule (w/ARB Jun Sched) CEC/SCE		6 Comp	Start	WBS Summa		Fin		2020											0	021				10 <b>-</b> JI	lul-20
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00-Paymnt-077	GSU Dress Out Complete	0	100%		11-Sep-19 A		0				9 00			1 200	-					, , ,		19	Cop			-
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						1								-					
00-Paymnt-081	High Voltage Protective Relay Testing Complete	0	100%		06-Dec-19A		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																			
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						1						-							
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					     	· - •				+	     	     		-    	· •		+-		
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												-		-					
00-Paymnt-096	CTG2 - Level CTG Frame	0	100%		27-Sep-19 A		0						-													
00-Paymnt-101	CTG2 - Install Air Filter Housing	0	100%		22-Nov-19 A		0						· - + ·											+-		
00-Paymnt-098	CTG2 - Install Air Intake Trans Ducting	0	100%		22-Nov-19 A		0												-							
00-Paymnt-100	CTG2 - Install VBV Ducting	0	100%		12-Dec-19 A		0																			
00-Paymnt-097	CTG2 - Internal Final Alignment Checks	0	100%		13-Dec-19 A		0												-		-					
00-Paymnt-103	CTG2 - Final Check and Grout	0	100%		17-Jan-20 A		0																			
00-Paymnt-102	CTG2 - Air Housing Internals	0	100%		30-Jan-20 A		0								- <b>-</b>											
00-Paymnt-104	CTG2 - Final Wipe Down Air Inlet	0	100%		01-Feb-20 A		0																			
00-Paymnt-099	CTG2 - Install Generator Vent Ducting	0	100%		22-Feb-20 A		0						1						-		-					
00-Paymnt-105	CTG2 - GE Signoff	0	100%		27-Apr-20 A		0						-						-		-					
ERU1 Components Se	tting and Installation Milestones	63	100%	26-Nov-19 A	23-Apr-20 A		0												-							
00-Paymnt-106	ERU1 - Complete Field Bolt Up and all Sections Set	0	100%		26-Nov-19 A		0																	+-		
00-Paymnt-107	ERU1 - Insulation and Liner Plates	0	100%		28-Feb-20 A		0																			
00-Paymnt-108	ERU1 - Field Load Catalyst	0	100%		23-Apr-20 A		0												-		-					
ERU2 Components Se	tting and Installation Milestones	108	100%	06-Sep-19 A	20-Apr-20 A		0						-													
00-Paymnt-112	Set Fuel Gas Compressor Equipment	0	100%		06-Sep-19 A		0				1										1					-
00-Paymnt-113	Set Demin Area Equipment	0	100%		13-Sep-19 A		0																			
00-Paymnt-118	Set Ammonia Forwarding Skid	0	100%		16-Sep-19 A		0																			     
Remaining Level of	Effort Actual Work Critical Remaining Work				Page 9 of 1	7							TASK	filter: No	otLev	el Of F	ffort									
Actual Level of Effor	-				1 490 0 01 1	-									0/									C	Oracle (	Corpc

Remaining Level of	Actual Work			Page 9 of 17
Actual Level of Effo		•	♦ Milestone	

Name       Image: Constraint of the section of the secti	0 100 0 100	Image:	23-Sep-19 A 02-Dec-19 A 16-Mar-20 A 30-Aug-19 A 16-Sep-19 A 10-Dec-19 A 10-Dec-19 A 20-Dec-19 A 29-Feb-20 A	TF         Fin.           0         0		2020 Jun Jul	Aug Sep	) Oct Nov	Dec	Jan Feb	Mar Ap	or May	2021 Jun Jul	Aug Se	p Oct	Nov Dec
PDM and Control Modules 2 - Complete Field Bolt Up and all Sections Set ERU Aux Skid - Ammonia Vaporization Skids CTG Aux Skids 2 - Insulation and Liner Plates CEMS Buildings 2 - Field Load Catalyst in Water Tank Materials Delivered at Site in Water Tank Installation Complete es urement of AG Pipe Materials and Receipt of 100% Verifiec and Utility Bridge Piping (Demin Water) Oil Piping CTG1 and CTG2 in Water @ Tank Area nonia System Piping Package Drain System ral Gas System Piping	0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         34       100         0       100	0%         0%	02-Oct-19 A         21-Nov-19 A         17-Dec-19 A         20-Dec-19 A         03-Jan-20 A         13-Jan-20 A         20-Apr-20 A         02-Dec-19 A         02-Dec-19 A         02-Dec-19 A         10-Dec-19 A         10-Dec-19 A         10-Dec-19 A         20-Dec-19 A         20-Aug-19 A         20-Aug-19 A         20-Dec-19 A				Aug Sep					л <u>Мау</u>		Aug 3e		
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ERU Aux Skid - Ammonia Vaporization Skids         ERU Aux Skids         CTG Aux Skids         2 - Insulation and Liner Plates         EMS Buildings         2 - Field Load Catalyst         in Water Tank Materials Delivered at Site         in Water Tank Installation Complete         es         urement of AG Pipe Materials and Receipt of 100% Verifiec         x and Utility Bridge Piping (Demin Water)         Oil Piping CTG1 and CTG2         in Water @ Tank Area         nonia System Piping         Package Drain System         ral Gas System Piping	0       100         0       100         0       100         0       100         0       100         0       100         34       100         0       100	0%         0%         0%         0%         0%         0%         23-Sep-19 A         0%	17-Dec-19 A         20-Dec-19 A         03-Jan-20 A         13-Jan-20 A         20-Apr-20 A         02-Dec-19 A         02-Dec-19 A         02-Dec-19 A         16-Mar-20 A         10-Dec-19 A         10-Dec-19 A         10-Dec-19 A         20-Dec-19 A         20-Apr-20 A							·····						
CTG Aux Skids 2 - Insulation and Liner Plates CEMS Buildings 2 - Field Load Catalyst 2 - Field Load Catalyst in Water Tank Materials Delivered at Site in Water Tank Installation Complete s urement of AG Pipe Materials and Receipt of 100% Verifiec and Utility Bridge Piping (Demin Water) Oil Piping CTG1 and CTG2 in Water @ Tank Area nonia System Piping Package Drain System ral Gas System Piping	0       100         0       100         0       100         0       100         34       100         0       100	0%	20-Dec-19 A         03-Jan-20 A         13-Jan-20 A         13-Jan-20 A         20-Apr-20 A         02-Dec-19 A         02-Dec-19 A         02-Dec-19 A         16-Mar-20 A         30-Aug-19 A         16-Sep-19 A         10-Dec-19 A         10-Dec-19 A         20-Dec-19 A         20-Dec-19 A													
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CEMS Buildings 2 - Field Load Catalyst 2 - Field Load	0       100         0       100         34       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100	0%       23-Sep-19 A         0%       23-Sep-19 A         0%       30-Aug-19 A         30       30-Aug-19 A </td <td>13-Jan-20 A         20-Apr-20 A         02-Dec-19 A         23-Sep-19 A         02-Dec-19 A         02-Dec-19 A         16-Mar-20 A         30-Aug-19 A         16-Sep-19 A         10-Dec-19 A         10-Dec-19 A         20-Dec-19 A</td> <td></td>	13-Jan-20 A         20-Apr-20 A         02-Dec-19 A         23-Sep-19 A         02-Dec-19 A         02-Dec-19 A         16-Mar-20 A         30-Aug-19 A         16-Sep-19 A         10-Dec-19 A         10-Dec-19 A         20-Dec-19 A													
2 - Field Load Catalyst in Water Tank Materials Delivered at Site in Water Tank Installation Complete as urement of AG Pipe Materials and Receipt of 100% Verifiec a and Utility Bridge Piping (Demin Water) Oil Piping CTG1 and CTG2 in Water @ CTG1 and CTG2 in Water @ Tank Area honia System Piping Package Drain System ral Gas System Piping	0       100         34       100         0       100         0       100         90       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100         0       100	0%       23-Sep-19 A         0%       23-Sep-19 A         0%       30-Aug-19 A         30-Aug-19 A       30-Aug-19 A        <	20-Apr-20 A         02-Dec-19 A         23-Sep-19 A         02-Dec-19 A         10-Dec-19 A         10-Dec-19 A         10-Dec-19 A         10-Dec-19 A         20-Dec-19 A         20-Apr-20 A		-											
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Set 15 kV Switchgear 1       0       100%       19-Dec-19A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec-19A       0         - Cable Tray Installed       0       100%       06-Jan-20A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to A80 VAux XI       0       100%       06-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       13-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       15-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       15-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%</td></td></t<></td>	( Cable Procurement (Received on Site 100%)       0       100%       08-Dec-19 A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19 A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19 A       0         - Set 15 kV Switchgear 1       0       100%       05-Dec-19 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec-19 A       0         - AG Conduit Installed       0       100%       06-Jan-20 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%       06-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0	V Cable Procurement (Received on Site 100%)       0       100%       08-Dec-19A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19A       0       0         Set 15 kV Switchgear 1       0       100%       05-Dec-19A       0       0       0         - 338 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       06-Jan-20A       0       0         - AG Conduit Installed       0       100%       06-Jan-20A       0       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Termi       0       100%       06-Jan-20A       0       0         - Cable Tray Installed       0       100%       06-Jan-20A       0       0       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%       13-Jan-20A       0       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 6SU, Termin       0       100%       15-Jan-20A       0       0       0       0       0       0       0       0 <t< td=""><td>A Cable Procurement (Received on Site 100%)       0       100%       08-Dec-19 A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19 A       0         Sate 15 kV Switchgear 1       0       100%       05-Dec-19 A       0       0         - 33 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec-19 A       0         - 438 kV Cable from 15 kV Switchgear 1 to CTG1, Termi       0       100%       28-Dec-19 A       0         - Cable Tray Installed       0       100%       06-Jan-20 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI<!--</td--><td>Cable Procurement (Received on Site 100%)       0       100%       08-Dec-19 A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19 A       0         - Set 15 kV Switchgear 1       0       100%       05-Dec-19 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec-19 A       0         - Cable Tray Installed       0       100%       06-Jan-20 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to A80 VAux XI       0       100%       06-Jan-20 A       0         - Cable Tray Installed       0       100%       13-Jan-20 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to A80 VAux XI       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to A80 VAux XI       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0</td><td>Cable Procurement (Received on Site 100%)       0       100%       08-Dec-19 A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19 A       0         - Set 15 kV Switchgear 1       0       100%       05-Dec-19 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec-19 A       0         - AG Conduit Installed       0       100%       06-Jan-20 A       0       0         - Cable from 15 kV Switchgear 1 to CTG1, Termi       0       100%       06-Jan-20 A       0         - Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       06-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%</td><td>Cable Procurement (Received on Site 100%)       0       100%       08-Dec.19 A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec.19 A       0         - Set 15 kV Switchgear 1       0       100%       05-Dec.19 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec.19 A       0         - Cable Tray Installed       0       100%       06-Jan-20 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux XI       0       100%       06-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 6SU, Temin       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 6SU, Temin       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux XI       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux XI       0</td><td>Cable Procurement (Received on Site 100%)       0       100%       08-Dec.19A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19A       0         - Set 15 kV Switchgear 1       0       100%       19-Dec-19A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec-19A       0         - Cable Tray Installed       0       100%       06-Jan-20A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to A80 VAux XI       0       100%       06-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       13-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       15-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       15-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%</td></td></t<>	A Cable Procurement (Received on Site 100%)       0       100%       08-Dec-19 A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19 A       0         Sate 15 kV Switchgear 1       0       100%       05-Dec-19 A       0       0         - 33 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec-19 A       0         - 438 kV Cable from 15 kV Switchgear 1 to CTG1, Termi       0       100%       28-Dec-19 A       0         - Cable Tray Installed       0       100%       06-Jan-20 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI </td <td>Cable Procurement (Received on Site 100%)       0       100%       08-Dec-19 A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19 A       0         - Set 15 kV Switchgear 1       0       100%       05-Dec-19 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec-19 A       0         - Cable Tray Installed       0       100%       06-Jan-20 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to A80 VAux XI       0       100%       06-Jan-20 A       0         - Cable Tray Installed       0       100%       13-Jan-20 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to A80 VAux XI       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to A80 VAux XI       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0</td> <td>Cable Procurement (Received on Site 100%)       0       100%       08-Dec-19 A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19 A       0         - Set 15 kV Switchgear 1       0       100%       05-Dec-19 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec-19 A       0         - AG Conduit Installed       0       100%       06-Jan-20 A       0       0         - Cable from 15 kV Switchgear 1 to CTG1, Termi       0       100%       06-Jan-20 A       0         - Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       06-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%</td> <td>Cable Procurement (Received on Site 100%)       0       100%       08-Dec.19 A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec.19 A       0         - Set 15 kV Switchgear 1       0       100%       05-Dec.19 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec.19 A       0         - Cable Tray Installed       0       100%       06-Jan-20 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux XI       0       100%       06-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 6SU, Temin       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 6SU, Temin       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux XI       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux XI       0</td> <td>Cable Procurement (Received on Site 100%)       0       100%       08-Dec.19A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19A       0         - Set 15 kV Switchgear 1       0       100%       19-Dec-19A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec-19A       0         - Cable Tray Installed       0       100%       06-Jan-20A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to A80 VAux XI       0       100%       06-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       13-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       15-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       15-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%</td>	Cable Procurement (Received on Site 100%)       0       100%       08-Dec-19 A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19 A       0         - Set 15 kV Switchgear 1       0       100%       05-Dec-19 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec-19 A       0         - Cable Tray Installed       0       100%       06-Jan-20 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to A80 VAux XI       0       100%       06-Jan-20 A       0         - Cable Tray Installed       0       100%       13-Jan-20 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to A80 VAux XI       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to A80 VAux XI       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0	Cable Procurement (Received on Site 100%)       0       100%       08-Dec-19 A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19 A       0         - Set 15 kV Switchgear 1       0       100%       05-Dec-19 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec-19 A       0         - AG Conduit Installed       0       100%       06-Jan-20 A       0       0         - Cable from 15 kV Switchgear 1 to CTG1, Termi       0       100%       06-Jan-20 A       0         - Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       06-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%	Cable Procurement (Received on Site 100%)       0       100%       08-Dec.19 A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20 A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec.19 A       0         - Set 15 kV Switchgear 1       0       100%       05-Dec.19 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec.19 A       0         - Cable Tray Installed       0       100%       06-Jan-20 A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux XI       0       100%       06-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 6SU, Temin       0       100%       13-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 6SU, Temin       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux XI       0       100%       15-Jan-20 A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 V Aux XI       0	Cable Procurement (Received on Site 100%)       0       100%       08-Dec.19A       0         nduit Procurement (Received on Site 100%)       0       100%       03-Jan-20A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20A       0         Cable Procurement (Received on Site 100%)       0       100%       22-Jan-20A       0         Cable Procurement (Received on Site 100%)       0       100%       05-Dec-19A       0         - Set 15 kV Switchgear 1       0       100%       19-Dec-19A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to CTG1, Instal       0       100%       28-Dec-19A       0         - Cable Tray Installed       0       100%       06-Jan-20A       0       0         - 13.8 kV Cable from 15 kV Switchgear 1 to A80 VAux XI       0       100%       06-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       13-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       15-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Termin       0       100%       15-Jan-20A       0         - 13.8 kV Cable from 15 kV Switchgear 1 to 480 VAux XI       0       100%

ty ID	ster Schedule (w/ARB Jun Sched) CEC/SCE Activity Name	OD % Comp Start	WBS Sum	TF Fin	1	2020									202	21				)-Jul-20 <sup>-</sup>
ly ID				Var			Aug	Sep 0	ct Nov	Dec	Jan F	Feb N	Mar A	pr May		Jul	Aug Se	ep Oct	Nov	Dec Ja
00-Paymnt-137	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GSU, Instalk	0 100%	10-Feb-20 A	0			,											<b>p c c c</b>		
U2 Medium Voltage I	liestones	64 100% 07-Oct-19A	15-Feb-20 A	0	-									-						
00-Paymnt-157	U2 MV - Cable Tray Installed	0 100%	07-Oct-19 A	0																
00-Paymnt-147	U2 MV - Set 15 kV Switchgear 2	0 100%	29-Oct-19 A	0	-									-						
00-Paymnt-149	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GSU, Instalk	0 100%	19-Dec-19 A	0	-															
00-Paymnt-151	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CTG2, Instal	0 100%	19-Dec-19A	0			+													
00-Paymnt-152	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CTG2, Termi	0 100%	19-Dec-19 A	0	-											1				
00-Paymnt-155	U2 MV - 15 kV Switchgear Protective Relay Testing Complete	0 100%	28-Dec-19 A	0	-									-						
00-Paymnt-158	U2 MV - AG Conduit Installed	0 100%	31-Dec-19 A	0	-															
00-Paymnt-150	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GSU, Termin	0 100%	07-Jan-20 A	0	-															
00-Paymnt-153	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 480 V Aux X1	0 100%	08-Jan-20 A	0			+													
00-Paymnt-154	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 480 V Aux XI	0 100%	13-Jan-20 A	0	-									1		1				
00-Paymnt-148	U2 MV - Set 480 V Aux Xfmr 2	0 100%	01-Feb-20 A	0	-									-						
00-Paymnt-156	U2 MV - 480 V Xfmr 2 Protective Relay Testing Complete	0 100%	15-Feb-20 A	0	-															
BESS Medium Voltag	le Milestones	0 0% 04-Oct-19A	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		;	+				i			;						;
00-Paymnt-160	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 1 to GS	0 100%	04-Oct-19 A	0	-															
00-Paymnt-161	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 1 to GS	0 100%	04-Oct-19 A	0	-															
00-Paymnt-162	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 2 to GS	0 100%	04-Oct-19 A	0	-															
00-Paymnt-163	BESS MV - 13.8 kV Cable from BESS 15 kV Switchgear 2 to GS	0 100%	04-Oct-19 A	0	-									-						
00-Paymnt-164	BESS MV - 15 kV Switchgear Protective Relay Testing Complet	0 100%	04-Oct-19 A	0			÷i							;						
4160 V System Miles	tones	53 100% 02-Oct-19A	29-Jan-20 A	0										-						
00-Paymnt-165	4160 V System - Set 13.8 kV-4160V Xfmr	0 100%	02-Oct-19 A	0																1
00-Paymnt-166	4160 V System - Set 5 kV Switchgear	0 100%	29-Oct-19 A	0	_									-						
00-Paymnt-167	4160 V System - 13.8 kV Cable from 15 kV Switchgear 2 to 416	0 100%	29-Jan-20 A	0	-									-						
00-Paymnt-168	4160 V System - 13.8 kV Cable from 15 kV Switchgear 1 to 416	0 100%	29-Jan-20 A	0																
00-Paymnt-169	4160 V System - 4160 V Area Electrical Installation Complete	0 100%	29-Jan-20 A	0	-															
U1 480 Volt System I	lilestones	25 100% 16-Jan-20 A	14-Mar-20 A	0																
00-Paymnt-170	U1 480 V System - 480 Volt Feeder Cables from Aux Xfmr 1 to F	0 100%	16-Jan-20 A	0										-						
00-Paymnt-172	U1 480 V System - Pull 480 Volt Cables to all 480 Volt Loads Co	0 100%	31-Jan-20 A	0																
00-Paymnt-171	U1 480 V System - 480 Volt Feeder Cables from PDM 1 to the W	0 100%	01-Feb-20 A	0					1			1				1	1			
00-Paymnt-173	U1 480 V System - Termination of 480 Volt Cables to all 480 Vol	0 100%	14-Mar-20 A	0	-									-						
U2 480 Volt System I	lilestones	42 100% 28-Dec-19A	30-Jan-20 A	0												1				
00-Paymnt-175	U2 480 V System - 480 Volt Feeder Cables from PDM 2 to the W	0 100%	28-Dec-19 A	0										-						
00-Paymnt-177	U2 480 V System - Termination of 480 Volt Cables to all 480 Vol	0 100%	09-Jan-20 A	0																
00-Paymnt-174	U2 480 V System - 480 Volt Feeder Cables from Aux Xfmr 2 to F	0 100%	13-Jan-20 A	0						1										
00-Paymnt-176	U2 480 V System - Pull 480 Volt Cables to all 480 Volt Loads Co	0 100%	30-Jan-20 A	0		1			   											
Start-Up and Commi	ssioning Milestones	16 100% 16-Jan-20 A	24-Apr-20 A	0																
Remaining Level	of Effort Actual Work Critical Remaining Work		Page 11 o	f 17					TASK	filter: No	ot Level C	Of Effo	rt.							e Corpoi

' ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin.		20								_		_			20
							Var.	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	- Apr	May	Jun	١
00-Paymnt-183	SU&C - Natural Gas Piping - Air Blows Common	0			16-Jan-20 A		0				1											
00-Paymnt-185	SU&C - Natural Gas Piping - Air Blows U2	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		0															
00-Paymnt-182	SU&C - Lube Oil Flush U2	0	100%		15-Feb-20 A		0				1	-						-				
00-Paymnt-181	SU&C - Lube Oil Flush U1	0	100%		22-Feb-20 A		0					-										
00-Paymnt-179	SU&C - Electrical Testing U1	0	100%		06-Mar-20 A		0															
00-Paymnt-178	SU&C - Electrical Testing Plant Common	0	100%		24-Apr-20 A		0							1								
Misc Milestones		159	100%	22-Jul-19 A	08-May-20 A		0															
00-Paymnt-191	Install Warehouse Building - Scope Eliminated by Owner	0	100%		22-Jul-19 A		0					-						-				
00-Paymnt-187	Issue Purchase Orders for All Buildings	0	100%		26-Jul-19 A		0															
00-Paymnt-188	Receipt of Building Material On Site	0	100%		06-Dec-19 A		0					- - -	1									
00-Paymnt-190	Install Roofless Building U2	0	100%		14-Apr-20 A		0				<u> </u>			+								
00-Paymnt-189	Install Roofless Building U1	0	100%		15-Apr-20 A		0				1											
00-Paymnt-192	Install Perimeter Fence and Gates (Fence Grounding included)	0	100%		08-May-20 A		0	8			1	-	1									
<b>Completion Milestones</b>	1	88	100%	20-Apr-20 A	01-Sep-20	-53	0					-						-				
00-Paymnt-186	Mechanical Completion	0	100%		20-Apr-20 A		0															
00-Paymnt-193	Final Construction Completion	0	100%		15-May-20 A		0	8			<u>+</u>			$\frac{1}{1}$	4			- <del>1</del>	 			
00-Paymnt-194	Final Project Completion	0	0%		01-Sep-20	-53	0	Ť				8										
Inclement Weather / Rain		226	100%	04-Mar-19 A	10-Apr-20 A		0					<b>*</b>										
Trailer - Move / Down Size	to New Location	4	100%	24-Feb-20 A	28-Feb-20 A		0				1											
Request for Information (F	RFIs)	222	100%	06-Jun-19 A	06-Apr-20 A		0					-										
Supplemental Information	ı	230		08-Oct-19 A	-		0							+								
Engineering Change Not	tices	216	100%	08-Oct-19 A	03-Apr-20 A		0															
PSC Daily Report		4	100%	19-Nov-19 A	19-Nov-19 A		0															
Event Files From Saturd	lay 4/18/20	1			18-Apr-20 A		0				1											
Field Change Oders		238			08-May-20 A		0					1										
Construction		354			15-May-20 A		0															
Mobilization		19			01-Mar-19 A		0					1										
 Site Preparation		193			04-Oct-19 A		0					- - - -									-	
Vehicle Bridge		179			30-Dec-19 A		0															
UG Electrical		263			28-Apr-20 A		0					1										1
UG Piping		237			09-Apr-20 A		0															
Foundations		287			10-Apr-20 A		0				1	1										
Structural Steel		216			15-May-20 A							1										
Equipment Installation		190			15-May-20 A		0 0					1	-	-	-			-				
Electrical Installation		267			08-May-20 A		0					   										
AG Piping		133		25-Jul-19 A	12-Feb-20 A		0				 			1 1 1 1							¦	
		155	- 100 /0	23-301-13A	12-1 60-20 A		0				1	1	1			-		1				

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ty ID	Master Schedule (w/ARB Jun Sched) CEC/SCE Activity Name		6 Comp	Start	WBS Summa	TF Fin.		2020											2021				10-5	Jul-20 <sup>-</sup>
			0 Comp	Oldit		Vor	May			g Sep	Oct	Nov	Dec Ja	an Fe	b Ma	ar A	or Ma	av J		Aug	Sep	Oct	Nov De	
Painting & Insulatio	n	33	100%	03-Feb-20 A	28-Feb-20 A	0			`											<u> </u>				
Pre-Commissioning		80	100%	02-Jan-20 A	24-Apr-20 A	0															, , , ,			
System Turn Over I	Packages	80	100%	02-Jan-20 A	24-Apr-20 A	0															1 1 1			
U2 Power Block PV	VP's				09-Mar-20 A	0															1			
U1 Power Block PV	VP's	48	100%	08-Jan-20 A	27-Mar-20 A	0																		
TOP System Walkdo	wn				27-Apr-20 A	0															1 1 1			
Electrical and Cont	rol				29-Jan-20 A	0															1			
BOP Systems Walk	cdown				27-Apr-20 A	0																		
Gas Turbine #2 (GT	2) Walkdown				15-Mar-20 A	0															1 1 1			
Gas Turbine #1 (GT					23-Mar-20 A	0															 	 		
Commissioning					06-May-20 A	0															     			
Balance of Plant Sy	rstems				06-May-20 A	0	1														1 1 1			
GT2 Engine Comm					06-May-20 A	0	• 														1			
GT1 Engine Comm					06-May-20 A	0	1 1														, , , ,			
Demobilization					15-May-20 A	0	•		· · · · · · · · · · · · · · · · · · ·				<sup>L</sup>								 	 		
00-Landsc-110	Landscaping (De-Scoped)				30-Apr-20 A	0															1			
00-Paving-110	Grading & Paving			-	01-May-20 A	0															, , , ,			
00-Mobili-910	Demobilization / Cleanup				15-May-20 A	0															1 1 1			
Socal Gas Line	-				07-Apr-20 A	0	-														     			
SCG-1000	Mobilization				23-Aug-19 A	0																		
SCG-1010	Install 600' Of 12"			-	19-Sep-19 A	0															1 1 1			
SCG-1010	Install 1200' of 12"			-	07-Feb-20 A	0															     			
SCG-1020	Install Piping Supports				17-Mar-20 A	0															   			
SCG-1022	MSA Electrical And Commissioning				17-Mar-20 A	0																		
SCG-1024	Testing				26-Mar-20 A	0															   			
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SCG-1040 SCG-1050	Socal Gas Tie-In De-Mobilize				01-Apr-20 A 07-Apr-20 A	0															1			
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	ction Schedule					259 0															, 1 1 1			
Project Managemer	iability Center Integrated Schedule (PIN# 8016) - Update			07-Apr-17 A		259 0															   	 		
				07-Apr-17 A		0															1 1 1			
0110	PMWIF Issuance		100%		07-Apr-17 A	0															1			
0115	PMWIF Acceptance		100%		14-Apr-17 A	0																		
0100	Issue ATP		100%	00 61404	20-Mar-18 A	0				, , , ,											   			
0120	Customer Final Design			02-Jul-18 A	14-Dec-18 A	0													!		 			
0130	Substation Designs Complete		100%		05-Feb-19 A	0							1								1     			
0125	Issued Drawings to CDM		100%		10-Apr-19 A	0				1 1											   			
0105	Approved OD		100%		03-Mar-20 A	0															1 1 1			
Customer Milestone	S	230	100%	14-Dec-18A	01-Nov-19 A	0				1											1			
Remaining Lev	rel of Effort Critical Remaining W	Nork				7						A 014 614			<b>-</b> #									
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/ID	Master Schedule (w/ARB Jun Sched) CEC/SCE Activity Name		% Comp	Start	WBS Summ		Fin.		2020											2021				10-Jul-20	2
							lar	ay Jur		Aug	Sep	Oct 1	lov De	ec J	lan F	-eb	Mar	Apr	May		 Aug S	əp C	ct Nov	Dec	Jai
01205	Design Drawings Final	0	100%		14-Dec-18 A		0																		
01210	UG 66kV Duck Construction Complete	0	100%		01-May-19 A		0				-1 1 1 1					+-					 				
01215	66kV Dead-End Rack Construction Complete	0	100%		01-Jul-19 A		0																		
01220	Diverse Fiber Duct Construction Complete	0	100%		15-Aug-19 A		0									1	1								
01225	Control House Ready for SCE Telecom Cabinets	0	100%		01-Oct-19 A		0																		
01230	Ready for In-Service Testing	0	100%		01-Nov-19 A		0																		
Environmental		150	100%	01-Aug-18 A	31-May-19 A		0					I I I I I I I I I I I I I I I I I I I				+-					 				
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-19A		0									1									
Engineering		130	100%	14-May-18 A	15-Apr-19 A		0																		
01005	Preliminary Engineering	50	100%	14-May-18 A	30-May-18 A		0			· +		+ 									 				
01170	Final Engineering	80	100%	07-Aug-18 A	15-Apr-19 A		0				1														
Construction		34	100%	16-Apr-19A	31-May-19 A		0																		
01015	UFLS Work Start	0	100%	16-Apr-19A			0									1									
01025	UFLS Work Finish	0	100%		31-May-19 A		0																		
01020	UFLS Work	34	100%	16-Apr-19A	31-May-19 A		0														 				
Commissioning		10	100%	31-May-19 A	13-Jun-19A		0				1 1 1														
01000	Test & In-Service	10	100%	31-May-19 A	13-Jun-19A		0									1									
Distribution Upgrac	les at Barre Substation (SAP# 902360074)	396	100%	14-May-18 A	03-Mar-20 A		0										1								
Engineering		145	100%	14-May-18 A	10-Apr-19 A		0									1									
Preliminary Engli	neering	20	100%	14-May-18 A	30-May-18 A		0														 				
01030	Preliminary Engineering	20	100%	14-May-18 A	30-May-18 A		0				1 1 1					1	1								
Final Engineering	g/Design	145	100%	04-Sep-18 A	10-Apr-19 A		0																		
01050	Final Engineering / Designs	34	100%	17-Dec-18 A	05-Feb-19A		0																		
01045	Structural Engineering / Design	100	100%	04-Sep-18 A	05-Feb-19A		0																		
01040	Civil Engineering / Design	47	100%	03-Dec-18 A	05-Feb-19A		0														 				
01035	Electrical Engineering / Design	66	100%	18-Sep-18 A	05-Feb-19A		0				1 1 1					1	1								
01060	Qualitiy Assurance Review	23	100%	06-Feb-19 A	08-Mar-19 A		0																		
01255	Issue Structural Steel Package to CDM (SAP# 902306533)	0	100%		28-Mar-19 A		0																		
01070	QACorrections	25	100%	11-Mar-19 A	10-Apr-19 A		0										1								
01065	Issue Completed Package to CDM	0	100%	,	10-Apr-19 A		0														 				
Procurement/Ma	terials	198	100%	21-Nov-18 A	30-Aug-19 A		0				1 1 1					1									
01100	RE to Submit Major Material Order (CB)	0	100%	· · · · · · · · · · · · · · · · · · ·	21-Nov-18 A		0																		
01085	Issue PO for Circuit Breaker	0	100%		03-Dec-18 A		0																		
01115	CB Delivered		100%		30-Aug-19 A		0				1					1									
01110	Procurement / Material Delivery	125	100%	03-Dec-18 A	30-Aug-19 A		0														 				
Construction					17-Jan-20 A		0				1														
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Remaining Lev	el of Effort Actual Work Critical Remaining Work				Page 14 of	17						TAS	SK filter:	Not I	evel C	Of Effo	ort.								_
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r ID	Activity Name	OD % Comp Start	Finish	TF F	~ <b>-</b>	20 / Jun	20	Aug	Son	Oct No	v Dec	c Ja	n Fe		r Mou	2021 Jun Ju		Son	Oct	Nov De	ec Ja
01270	Summer Load and High Line Loading Period	100 100% 03-Jun-19 A	25-Oct-19 A		0	/ Jun	Jui	Aug	Sep			Ja	пге				II Aug	Sep		NOV De	JC JE
01275	Outage Request	15 100% 28-Oct-19A			0																
01078	Construction Start	0 100% 19-Nov-19A			0																
01280	3A Bank in Position 10 Offline	0 100%	20-Nov-19 A		0										 						
01260	Install Structural Steel for 66kV Switchrack Position# 10 (SAP#	20 100% 20-Nov-19 A	13-Dec-19 A		0																
01165	Construction Finish	0 100%	17-Jan-20 A		0																
01075	Built and Test Position 11	45 100% 19-Nov-19 A	17-Jan-20 A		0																
Commissioning		5 100% 26-Feb-20 A	03-Mar-20 A		0																
01080	Test & In-Service	5 100% 26-Feb-20 A	03-Mar-20 A		0			·							 			·	+		
Interconnection Fac	ilities at Barre Substation (SAP# 902360075)	434 100% 25-Jan-18 A	28-Feb-20 A		0																
Engineering		323 100% 25-Jan-18A	25-Oct-19 A		0													- - - -			
Preliminary Engin	eering	21 100% 25-Jan-18 A	30-Jan-18 A		0							1						1 1 1			
01090	Preliminary Engineering	21 100% 25-Jan-18 A	30-Jan-18 A		0									     				-			
<b>Final Engineering</b>	/Design	302 100% 04-Sep-18 A	25-Oct-19 A		0					 i i					 						
01105	Structural Engineering / Design	70 100% 04-Sep-18A	05-Feb-19 A		0													- - - -			
01095	Electrical Engineering / Design	66 100% 18-Sep-18A	05-Feb-19 A		0																
01125	Issue Completed Package to CDM	0 100%	10-Apr-19 A		0													1			
01120	Quality Assurance & QA Corrections	51 100% 06-Feb-19A	10-Apr-19 A		0																
01130	Relay Settings (OD43)	30 100% 16-Sep-19A	25-Oct-19 A		0										 						
Procurement/Mat	erials	30 100% 15-Apr-19 A	15-Jul-19 A		0													-			
01135	Procurement / Materials Delivery	30 100% 15-Apr-19A	15-Jul-19 A		0																
Construction		101 100% 29-Oct-19A	25-Feb-20 A		0													-			
01140	Construction Start	0 100% 29-Oct-19A			0																
01145	Construction Duration	60 100% 29-Oct-19A	24-Feb-20 A		0										 						
01150	Construction Finish	0 100%	25-Feb-20 A		0																
Commissioning		5 100% 26-Feb-20 A	28-Feb-20 A		0																
01155	Test & In-Service	5 100% 26-Feb-20 A	28-Feb-20 A		0																
Sub Transmission / G	Sen-Tie	372 100% 02-Jul-18 A	03-Jan-20 A		0													}			
01175	Preliminary Engineering	80 100% 02-Jul-18 A			0										 						
01180	Final Engineering	72 100% 03-Jan-19 A	-		0																
01185	Procurement & Material Delivery	81 100% 10-May-19A	30-Aug-19 A		0													-			
01200	Civil Bidding	35 100% 16-Aug-19 A	18-Oct-19 A		0																
01265	Civil Work	15 100% 21-Oct-19A	08-Nov-19 A		0			     		     					 			, , , , ,			
01285	Turnover Of Skip To SCE	0 100%	29-Nov-19 A		0																
01190	Cable Installation Work	15 100% 29-Nov-19A	19-Dec-19 A		0																
01290	Perform Terminations At Skip	5 100% 20-Dec-19A			0																
01195	Testing/Commissioning	5 100% 30-Dec-19A			0									1							
TransTelecom		235 100% 20-Feb-19 A	10-Jan-20 A		0									1							
Remaining Leve	el of Effort Actual Work Critical Remaining Work		Page 15 o	f 17						TASK	(filter: 1	Not Le	evel Of	Effort.							

Activity ID	aster Schedule (w/ARB Jun Sched) CEC/SCE Activity Name	OD % Comp   Star	rt İ	WBS Sum Finish	TF	Fin.		2020							2021				10-Jul-2
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Barre Substation		235 100% 20-	-Feb-19 A	10-Jan-20 A		0										-			
01235	Designs / Engineering	72 100% 20-	-Feb-19 A	30-May-19 A		0													
01240	Procurement & Materials Delivery	48 100% 18-	-Jun-19 A	22-Aug-19 A		0													
01245	Trans Telecom Work at Barre Substation	20 100% 19-	-Nov-19 A	13-Dec-19 A		0													
01250	Installation Testing	10 100% 30-	-Dec-19A	10-Jan-20 A		0													
Skip Substation		235 100% 20-	-Feb-19 A	10-Jan-20 A		0			·			· <del>i</del>					;;- ; ;		
9120	Designs / Engineering	72 100% 20-	-Feb-19 A	30-May-19 A		0													
9125	Procurement & Materials Delivery	48 100% 18-	-Jun-19 A	22-Aug-19 A		0													
9130	Trans Telecom Work at Skip Substation	20 100% 29-	-Nov-19 A	26-Dec-19 A		0			1	1 I I 1 I I 1 I I 1 I								. I I I I I	
9135	Installation Testing	10 100% 30-	-Dec-19A	10-Jan-20 A		0													
IT/Telecom		295 100% 19-	-Nov-18 A	10-Jan-20 A		0												+	
Barre Substation		295 100% 19-	-Nov-18 A	10-Jan-20 A		0			1	1 I I 1 I 1 I 1 I 1 I								. I I I I	
9020	Preliminary Engineering	60 100% 19-	-Nov-18 A	15-Feb-19 A		0													
9025	Final Engineering	65 100% 18-	-Feb-19 A	21-May-19 A		0													
9030	Procurement & Material Delivery	90 100% 22-	-May-19 A	15-Oct-19 A		0			1 1 1	1 1 1 1 1 1 1 1 1									
9035	IT/Telecom Installation at Barre Substation	10 100% 16-	-Dec-19A	27-Dec-19 A		0												+	
9060	Installation Testing	10 100% 30-	-Dec-19A	10-Jan-20 A		0													
Skip Substation		295 100% 19-	-Nov-18 A	10-Jan-20 A		0													
9070	Preliminary Engineering	60 100% 19·	-Nov-18 A	15-Feb-19 A		0													
9075	Final Engineering	65 100% 18-	-Feb-19 A	21-May-19 A		0													
9080	Procurement & Material Delivery	90 100% 22-	-May-19 A	24-Sep-19 A		0			·										
9085	IT/Telecom Installation at Skip Substation	10 100% 02-	-Dec-19A	13-Dec-19 A		0			1	I I I I I I I I I									
9090	Installation Testing	10 100% 30-	-Dec-19A	10-Jan-20 A		0													
PSC		260 100% 20-	-Feb-19 A	16-Jan-20 A		0													
Barre Substation		260 100% 20-	-Feb-19 A	16-Jan-20 A		0													
9040	Preliminary Engineering	60 100% 20-	-Feb-19 A	14-May-19 A		0			·									+	
9045	Final Engineering	65 100% 15-	-May-19 A	13-Aug-19 A		0													
9065	Test & In-Service	10 100% 03-	-Jan-20 A	16-Jan-20 A		0													
Skip Substation		260 100% 20-	-Feb-19 A	16-Jan-20 A		0			1										
9095	Preliminary Engineering	60 100% 20-	-Feb-19 A	14-May-19 A		0													
9100	Final Engineering	65 100% 15-	-May-19 A	13-Aug-19 A		0												÷	
9105	Procurement & Material Delivery	50 100% 14-	-Aug-19 A	07-Nov-19 A		0			1 1 1	1 1 1 1 1 1 1 1 1									
9110	PSC Installation at Skip Substation	25 100% 29-	-Nov-19 A	02-Jan-20 A		0													
9115	Test & In-Service	10 100% 03-	-Jan-20 A	16-Jan-20 A		0													
Project Closeout		66 100% 20-	-May-20 A	20-Aug-20	335	0													
9015	Issue Authorization To Close (ATC)	0 100%		20-May-20 A		0	8			;							;	<u>+</u>	
9010	Work Order Close-Out Complete (FAOC)	0 0%		20-Aug-20*	0	0			\$										
BESS Construction	on Schedule	96 15.8% 01-	-Apr-20 A	22-Oct-20	223	-32													
Remaining Level	of Effort Actual Work Critical Remaining Work			Page 16 o	of 17		k		·	TASK filter	: Not Level C	Of Effort.		·	·				) Oracle Cor

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ctivity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var		-	2020	_			-					
BESS-2000	Underground Utilities	4	100%	01-Apr-20 A	28-Apr-20 A		0	May	' Ju	n Jul	AL	ug Sep	o Oct	No	ov Dec	Jan	Feb	Mar	Арг
				•	•		-			-							-	-	
BESS-2005	Transformer Pad - Ground Floor	6		30-Apr-20 A	12-May-20 A			E											ļ
BESS-2006	HPSU Pad	10	100%	29-Apr-20 A	12-May-20 A		0										1	-	
BESS-2121	Sleeper Pads	6	100%	12-May-20 A	22-May-20 A		0										-		
BESS-2122	Switchgear Pads	8	100%	12-May-20 A	22-May-20 A		0					-							
BESS-2030	BESS Equipment Delivered To Site	8	87.5%	12-May-20 A	02-Jun-20	201	0										-		
BESS-2020	Equipment Installation (Ground Floor)	12	91.67%	12-May-20 A	02-Jun-20	200	0												
BESS-2123	Transformer Pad - Containment Curb	5	0%	31-May-20	04-Jun-20	358	-24												
BESS-2125	Deliver & Assemble Equipment (Top Floor)	2	0%	05-Jun-20	15-Jun-20	296	3	5	<b>_</b>	1							-		-
BESS-2025	13.8KV Cable Tray To Main GSU	3	0%	03-Jun-20	30-Jun-20	199	-1	_											
BESS-2035	Electrical Wiring (Ground Floor)	16	0%	03-Jun-20	01-Jul-20	199	-1	_									-		
BESS-2124	Above Ground Electrical	10	0%	20-May-20 A	08-Jul-20	197	-14							-			-		
BESS-2015	Second Floor Construction	8	0%	19-May-20 A	17-Jul-20	277	-18												
BESS-2040	BESS Testing & Commissioning	16	0%	07-Jul-20	29-Jul-20	197	-2	2									-		
BESS-2050	EGT Testing & Commissioning	10	0%	29-Jul-20	17-Aug-20	197	-10	)				1							
BESS-2060	BESS COD (For RAPA)	0	0%	18-Aug-20		197	-10	)			<	•							
BESS-2080	EGT Comissioning and Trial Test Runs	4	0%	18-Aug-20	20-Aug-20	197	-10	)				0					-		
BESS-2090	EGT Substantial Completion Target (COD)	0	0%	20-Aug-20		197	-10				·	•						<u>+</u>	
BESS-2100	O&M Staff Training By GE	4	0%	20-Aug-20	28-Aug-20	223	-10	)									1		
BESS-2110	As Builts	4	0%	20-Aug-20	22-Oct-20	223	-32	2					-				-		
BESS-2120	Final Completion Target	0	0%	22-Oct-20		223	-32	,				<b>_</b>	•				-		

			20	21					10-Jul-	20 17: 202	
1ar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
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Attachment 2 – COM-5 Compliance Matrix

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_	A	В	C	D	E	F	G	Н	I	J	К	0	Р	Q	R	S	T	U
			y Reliab	ility Center Compliance Matrix (16	-AFC-01)			c /20 /20 10				Pre- Construction						
2	All Phase	s						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	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		Monthy Emissions Limits - See Deckion for specific emission limits youlouran (NOX, COV, CP, MIA) PM25, Sou). See Deckion AQA1 allor for rules regarding the for commencement of operation. See Deckion for rules on emissions calculations during the transition from Commissioning to Operation.	The turbine shall not commence with normal operation until the commissioning process has been completed. Normal operation commences when the turbine is able to supply electrical energy to the power grid as required under contract with the relevant entities. The SCAQMD shall be notified in writing once the commissioning process for each turbine is completed.	The SCAQMD shall be notified in writing once the commissioning process for each turbine is completed.	When commissioning is complete	7/2/2020	NA	In Progress				SCAQMD	5/25/20 (Unit 2)		SERC	DSR
7	AQ.	AQ-A1.b	COM/OPS	Monthy Emissions Limits - See Deckino for specific emission limits by pollutary (NOX, COVC, PM10, PM25, Sou). See Deckion AQA1 al alor for rules regarding the for commencement of operation. See Decklone 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
	AQ	AQ-A2	OPS	Annul Emissions lumits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PMID, PM25, 500). See Decision AQ.41 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 Office 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 1333(a)(1):AACT, 5-10:1996; RULE 1333(b)(2):Offset, 5-10:1996; RULE 133(b)(2):Offset, 5-10:1996; RULE 130(b	Quarterly Operation Reports (AQ-SC7)	Annully, no later than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Net Started							SERC	DSR
9	AQ	AQ-A2.a		Annual Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PMUD, PMZ, 5, SOJ, See Decision AQA1 sale of 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 1333(a)(1)-AACT, 5-10-1996; RULE 1333(a)(1)-AACT, 5-10-1996; RULE 1333(a)(1)-AACT, 5-10-1996; RULE 1333(a)(1)-AGT, 5-10-1996; RULE 1333(a)(1)-Offset, 5-10-1996; RULE 133(a)(1)-Offset, 5-10-1996; RULE 133(a)(1)-Offset, 5-10-1996; RULE 130		N/A	N/A	NA	Not Started							SERC	DSR
10	AQ	AQ-A3	COM/OPS	2.5 PPMV NOx Limit Averging -The 2.5 PPMV NOx emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [HULE 1383(a)(1)=AACT, 5-10-1996; RULE 1303(a)(1)=ACT, 12-6-2002) [Devices subject to this condition: D1, D7]	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR

	A	В	С	D	E	F	G	н	I	J	К	0	Р	Q	R	S	Т	U
1	Stanto	n Energ	y Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phas						·	6/30/2040				Construction						
3			1	Particular for factor		Bacod on Fired C	Staff Assessment					Commissioning	-					
4			+	Revised 4/30/2019		Based on Final S	Stan Assessment					Operations						
	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
. 5	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(s)(1)-BACT, -10-1996; RULE 1303(s)(1)-BACT, 12-6-2002) [Devices	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	Lote submitted to CPM	datej) Not Started	υατέ Αφριονέα by CPM	680	680	submit to?	o other agencies	AgenCles	Party SERC	Manager DSR
11	AQ	AQ-A5	COM/OPS	subject to this condition: D1, D7] 2.0 PPMV VOC Limit Averaging - The 2.0 PPMV VOC	The project owner shall submit	Quarterly Operation	Quarterly, no later	Quarterly		Not Started							SERC	DSR
12				emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)(1)-8ACT, 5-10-1996; RULE 1303(a)(1)-8ACT, 12-6-2002) [Devices subject to this condition: D1. D71	with this condition as part of the Quarterly Operation Reports (AQ- SC7).	Reports (AQ-SC7)	than 30 days after end of the quarter (See AQ-SC7)											
13	AQ	AQ-A6	COM/OPS	25 PPMV Nox Limit Averaging - The 25 PPMV NOx emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [40 CFR 60 Subpart KKKK, 7-6-2006] [Devices subject to this condition: D1, D7]		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, bun to both limits at the same time. RULE 475, 10-8-1976; RULE 475, 8-7-1978] [Devices subject to this condition: D1, D7]	records demonstrating compliance with this condition as part of the t Quarterly Operation Reports (AQ- SC7).	Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
10	AQ.	AQ-A8	COM/OPS	NH, Lint Averaging - The 5.0 PPMV NH, emission limit is averaged over one hour, dry basis, at 15 percent oxgen. 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 <sub>1</sub> calculation	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
	AQ	AQ-A8.a	COM/OPS	NH3 Limit Averaging - The 5.0 PPMV NH3 emission limit is averaged over one hour, dry basis, at 15 percent oxygen. The project owner shall calculate and continuously record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and shutdown). See the Decision for NH3 calculation equation.	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
16	AQ	AQ-A8.b	COM/OPS	NH3 Limit Averaging - The 5.0 PPMV NH3 emission limit is averaged over one hour, dry basis, at 15 percent oxygen. The project owner shall cakulate and continuously record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and shutdown, J See the Decision for NH3 calculation equation.	maintain a NOx analyzer to measure the SCR inlet NOx ppmv accurate to within plus or minus 5 percent calibrated at least once every 12 months. The project owner shall use the method	Calibrate SCR inlet Nox analyzer	Once every 12 months	Annually		Not Started							SERC	DSR
18	AQ	AQ-A8.c	COM/OPS	NH3 Limit Averaging - The 5.0 PPMV NH3 emission limit is averaged over one hour, dry basis, at 15 percent oxygen. The project owner shall calculate and continuously record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and shutdown, See the Decision for NH3 calculation equation.	procedure shall be in effect no later than 90 days after initial startup of the turbine.	No Submittal requirement identified, Report in Quarterly report	The ammonia slip calculation procedure shall be in effect no later than 90 days after initial startup of the turbine	7/15/2020		Not Started							SERC	DSR
19	AQ	AQ-B1	COM/OPS	H <sub>2</sub> S Linit Averaging - Concentration limit is an annual average based on monthly samples of natural gas composition or gas supplier documentation. The project owner shall <b>not</b> use natural gas containing the following specified compounds: H <sub>2</sub> S > 0.25 Grains per 100 SCF	The project owner shall include documentation demonstrating compliance as part of the Quarterly Operation Reports (AQ- SC7). The project owner shall make the site available for inspection of records by representatives of the District, 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

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			y Reliab	ility Center Compliance Matrix (16	-AFC-01)			6/30/2040				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 COM/OPS	Description Start-up Limitations - Owner shall limit the number of	Verification/Action/Submittal Provide records including a table		Date Submittal is Required Quarterly, no later	Due Date Quarterly	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date)) Not Started	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager DSR
20				start-ups to no more than 124 in any one calendar month.	documenting the type of startup, duration and date of occurrence. Monthly Reports to be included in the Quarterly Operations Reports (AQ-SC7)	Reports (AQ-SC7)	than 30 days after end of the quarter (See AQ-SC7)											
21	AQ	AQ-C2	COM/OPS	Shutdown Limitations - Owner shall limit the number of shutdowns to no more than 124 in any one calendar month.	Provide records including a table documenting each shutdown, and indicating the duration and date of occurrence. 'Monthly reports to be included in Quarterly Operation Reports. (AQ- SC7)	Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
22	AQ	AQ-C3	COM/OPS	Pressure Relief Valve Requirements - The project owner shall install and maintain a pressure relief valve set at 2.3 psig.	The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
22	AQ	AQ-D1a	COM/OPS	Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, werging 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. North District prior to test of data and time of test. See Decision for further test specifications.	Submit test protocol to CPM for approval.	Proposed source test protocol.	Submit protocol 90 days before test date to CPM.	7/15/2020	1/24/2020	in Progress							SERC	DSR
23	AQ	AQ-D1b	COM/OPS	Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. The test shall be conducted after District approval of the source test protocol, but no later than 180 days after initial start-up. District must approve test protocol in advance. North y District prior to test of date and time of test. See Decision for further test specifications.	Submit test protocol to District for approval.	Proposed source test protocol.	Submit protocol 90 days before test date to Air District.	7/15/2020	NA	In Progress				SCAQMD	1/2/2020 1/9/2020		SERC	DSR
25	AQ.	AQ-D1c	COM/OPS	hittil Source Test - Owner must conduct initial commissioning air pollutant source tests. See Dedision 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 Dedision for further test specifications.	Submit test protocol to CPM for approval.	Notification to the CPM of the date and time of the test at least 10 days prior to the test.	Notify <b>CPM</b> of proposed date and time 10 days prior to test date.	10/3/2020		Not Started							SERC	DSR
26	AQ.	AQ-D1d	COM/OPS	hittil Source Test - Owner must conduct initial commissioning air pollutant source tests. See Dedision 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 Dedision for further test specifications.	The District shall be notified of the date and time of the source test(s) at least 10 days prior to the test.		Notify Air District of proposed date and time 10 days prior to test date.	10/3/2020	NĂ	Not Started				SCAQMD			SERC	DSR
27	AQ	AQ-D2a		Operations Source Test Downer must conduct air polutant cource test for 50X, VOC, and PMU at least once every three years. See Deckion for methods, averaging times, and test location. Out/ly bittrict point to test of date and time of test. See Deckion for further test specifications.	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.		Submit revised protocol no later than 45 days before test date to the CPM	4/16/2023		Not Started							SERC	DSR
28	AQ.	AQ-D2b	COM/OPS	Operations Source Test - Owner must conduct air pollutant source test for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Norify Plattic prior to test of date and time of test. See Decision for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	Revised protocol for the source tests	Submit revised protocol no later than 45 days before test date to the <b>District</b>	4/16/2023	NA	Not Started				SCAQMD			SERC	DSR

All Pha		Sy nen	iability Center Compliance Matrix (1	0-AIC-01)			6/30/2040				Construction						<u> </u>
All Pha	ses						0/30/2040				Commissioning						
			Revised 4/30/2019		Based on Final S	itaff Assessment					Operations						
Technica Resource	Cond. #	Phas	se Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not started, in progress, completed (with		Date Submitted to CBO	Date Approved by	Other Agencies to	Date Submitted	Date Approved by Other Agencies	Responsible Party	SERC Project
AQ.	AQ-D2c	COM/0	OPS Operations Source Test - Owner must conduct air pollutant source Tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averagi times, and test location. Notify District prior to test date and time of test. See Decision for further test specifications.	Submit the source test results no later than 60 days following the source test date to both the f District and CPM.	Source test results	No later than 60 days following the source test date.	6/15/2023	Date Submitted to CPM	date)) Not Started	Date Approved by CPM NA	CBO	CBO	submit to?	to Other agencies	Agencies	SERC	Manager DSR
AQ	AQ-D2d	COM/0	OPS Operations Source Test - Owner must conduct air pollulant source Tests for SOX, VOC, and PMI0 once every three years. See Decision for methods, averagi times, and test location. Notify District prior to test date and time of test. See Decision for further test specifications.		Source test results	No later than 60 days following the source test date.	6/15/2023	NA	Not Started				SCAQMD				
AQ	AQ-D2e	COM/4	OPS Operations Source Test - Owner must conduct air polituant source tests for SOX, VOC, and PM10 once every three years. See Bockion for methods, averagi times, and test location. Notify District prior to test date and time of test. See Dedsion for further test specifications.		CPM of the date and time of the test at	Notify CPM of proposed date and time 10 days prior to test date.	10/3/2023		Not Started	NA						SERC	DSR
AQ	AQ-D2f	COM/4	OPS Operations Source Test - Owner must conduct air pollutant source tests for 50X, VOC, and PM10 once every three years. See Decision for methods, averagi times, and test location. Notify District prior to test date and time of test. See Decision for further test specifications.		District of the date and time of the test at	Notify Air District of proposed date and time 10 days prior to test date.	10/3/2023	NA	Not Started				SCAQMD			SERC	DSR
AQ.	AQ-D3a	COM/4	OPS NH3 Source Test - Owner must conduct ai pollutant source tests for NH3, quarterly during first 12 months operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to set of data and hims of test. See Decision for further test specifications.	of according to the original protocol.	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to CPM	8/29/2021		Not Started							SERC	DSR
AQ	AQ-D3b	COM/0	OPS NH3 Source Test. Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months 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.	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	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to District	8/29/2021	NA	Not Started				SCAQMD			SERC	DSR
AQ	AQ-D3c	COM/4	OPS NH3 Source Test - Owner must conduct air pollutant source tests for NH <sub>3</sub> quarterly during first 12 months operation and annually after that. See Decidion for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	nitor to the aronaesd course test. The project owner shall submit the of source test results no later than 60 days following the source test date to both the District and CPM.	NH3 Slip test results	Submit results 60 days after the test to CPM	12/12/2021		Not Started	NA						SERC.	DSR
AQ.	AQ-D3d	COM/0	OPS NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months 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 of source test results no later than 60 days following the source test date to both the District and CPM.	NH3 Slip test results	Submit results 60 days after the test to District	12/12/2021	NĂ	Not Started				SCAQMD			SERC	DSR
AQ	AQ-D3e	COM/6	OPS Hirls Source Test - Owner must conduct air pollutant source tests for NHs, quarterly during first 12 months operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to set of date and time of test. See Decision for further test specifications.	of District and CPM no later than 10	notified of the date and time of the test at	The project owner shall notify the CPM no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	10/3/2020		Not Started	NA						SERC	DSR
AQ	AQ-D3f	COM/0	OPS NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months 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.		notified of the date and time of the test at	The project owner shall notify the District no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	10/3/2020	NA	Not Started				SCAQMD			SERC	DSR

	А	В	C	D	E	F	G	Н	I	J	K	0	Р	Q	R	S	T	U
			y Reliabi	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phas	es						6/30/2040				Construction						I
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 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
39	AQ	AQ-D3g	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH <sub>3</sub> quarterly during first 12 months of operation and annually after that. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of data and time of test. See <b>Decision</b> for further test specifications.	The test shall be conducted at least quarterly during the first twelve months of operation and at least annually thereafter.	N/A	N/A	Quarterly/Annual		Not Started							SERC	DSR
10	AQ	AQ-D4	COM/OPS	CEMS for CO - Install a CEMS to measure CO concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmd CO at 15% oxygen. See <b>Dedsion</b> 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 star-up of the turbine, and in accordance with an approved SCAQMD Rule 218 CEMS plan application.	7/15/2020	NA	Not Started							SERC	DSR
40	AQ.	AQ-D4a	COM/OPS	CEMS for CO - Install a CEMS to measure CO concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See Decision for CO conversion rate formula.	The project owner shall submit the SCAQMD approved CEMS plan to the CPM within 90 days of SCAQMD approval. The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	4/16/2020	1/24/2020	Completed	NA						SERC	DSR
42	AQ	AQ-D4b		CENS for CD - Install a CENS to measure CO concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See <b>Decision</b> for CO conversion rate formula.	the SCAQMD within 90 days of the conclusion of the turbine commissioning period.	Certification	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	8/25/2020		in Progress	NA						SERC	DSR
43	AQ	AQ-D5		CEMS for NOx - instal a CEMS to measure NOx concentrations, corrected to 15 percent owgen, dry basis to demonstrate compliance with BACT limit of 4.0 ppm/C O at 15% orgens, See <b>Decision</b> 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 40 cert Part 60 Subpart KKK and 40 CFR Part 75 The project owner shall not instail the CEMS prior to receiving initial approval from SCAQMD.	CEMS Plan	The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine	7/15/2020	NA	Not Started							SERC	DSR
44	AQ	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 <b>Decision</b> for CO conversion rate formula.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	4/16/2020	1/24/2020	Completed	NA						SERC	DSR
45	AQ	AQ-D5b	COM/OPS	CEMS for NOx - Install a CEMS to measure NOx concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BAC1 limit of 4.0 ppmvd CO at 15% oxygen. See <b>Decision</b> 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	1/24/2020	In Progress	NA						SERC	DSR
46	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 4-5 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

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			y Reliab	ility Center Compliance Matrix (16	-AFC-01)			6/30/2040				Pre- Construction						
2	All Phase	S				1		6/30/2040				Construction Commissioning						
4				Revised 4/30/2019		Based on Final	Staff Assessment					Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
.47	AQ	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 punds ger hour (except during startups and shutdowns).	Maintain ammonia injection rate between 15 and 200 pounds per hour (except during startups and shutdowns). Documentation demonstrating compliance in Quarterly Operations Report (AQ-SC7), including table of shutdowns.	Quarterly Operation Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
48	AQ	AQ-D6c		Meter for NH <sub>3</sub> Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH <sub>3</sub> ). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Calibrate NH3 Meter	N/A	Once every 12 months	Annually	NA	Not Started							SERC	DSR
49	AQ	AQ-D7a		SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor link: Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to y/s percent and calibrated once per 12 months. Maintain SCV/CO catalyst link temperature between 40 and 855 degrees F (except during startups and shutdowns).	gauge	N/A	Prior to first fire	4/6/2020	NA	Completed							SERC	DSR
50	AQ	AQ-D7b	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR eactor line! Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to // 5 percent and calibrated once per 12 months. Maintain SCM/CO catalyst line! temperature between 60 and 855 degrees F (except during startups and shutdowns).	Maintain SCR/CO catalyst linkt temperature between 460 and 550 degrees F (except during startups and shutdowns). The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7), including table of shutdowns.	Quarterly Operation Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
51	AQ	AQ-D7c	COM/OPS	CRT 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 4/5 percent and calibrated once per 12 months. Maintain SCR/CO catajast inite temperature between 60 and 855 degrees F (except during startups and shutdowns).	Calibrate SCR Inlet temperature gauge	N/A	Once every 12 months	Annually	NA	Not Started							SERC	DSR
52	AQ	AQ-D7d	COM/OPS	SCR Temperature Gauge: Initial a gauge to measure temperature of the SCR reactor inite. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to 4/5 percent and calibrated once per 12 months. Maintain SCR/CO catajast, inite temperature between 60 and 855 degrees F (except during startups and shutdowns).	Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	Quarterly Operations Report (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
53	AQ	AQ-D8a	COM/OPS	SCR Pressure Gauge - Install a gauge to measure differential pressure across the SCR catalyst bed in Inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to +/ 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	Calibrate DP pressure gauge. The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	N/A	Prior to first fire	4/6/2020	NĂ	Completed							SERC	DSR
54	AQ	AQ-D8b	COM/OPS	SCR Pressure Gauge - Install a gauge to measure differential present earlies that a gauge to measure 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 4-7. Spercent and calibrated once per 12 month. Maintain pressure differential not to exceed between 6.0 inches water column.	The project owner shall also install and maintain a device to continuously record the parameter being measured. The project owner shall demonstrate compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started							SERC	DSR
55	AQ	AQ-D8c	COM/OPS	SCR Pressure Gauge – Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to +/ 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	Calibrate DP pressure gauge.	N/A	Once every 12 months	Annually		Not Started							SERC	DSR

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			rgy I	Reliabi	lity Center Compliance Matrix (16-	AFC-01)							Pre- Construction						
2	All Phase	es					1	,	6/30/2040				Construction						l
4			+		Revised 4/30/2019		Based on Final S	Staff Assessment					Operations			+			<u> </u>
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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
56	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 all quality mitigation messures stipulated in the final California Energy Commission decision for the 16-AFC- 01 project. [CA PRC EQA, 5-12-2017] [Devices subject to this condition: D1, C3, C4, D7, C9, C10, D13]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Conditional	NA	Not Started							SERC	DSR
7	AQ	AQ-E2a	а		Permit to Construct - The Permit to Construct shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the District Executive Officer or unless the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate.	Request an extention of the Permit to Construct	Permit to Construct extension	Prior to expiration of Permit to Construct	11/14/2020	NA	in Progress				SCAQMD			SERC	TLB
58	AQ.	AQ-E3			commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be verted to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	records including the total number of commissioning hours, number of commissioning hours without control, natural gas fuel usage for the pre-catalyst phase, and natural gas fuel usage for the post-catalyst phase per turbine to demonstrate 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
- 0	AQ.	AQ-E3a	a C		Commissioning Hours - Total commissioning hours shall not exceed 100 hours of fired operation for each turbine from the date of initial turbines tatrup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commission at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	the SCAQMD with written	The SCAQMD shall be notified in writing of the initial startup date of each turbine.	2/1/2020	4/16/2020	NA	Not Started				SCAQMD	4/17/2020 (Unit 2) 4/20/2020 (Unit 1)		SERC	DSR
50	AQ.	AQ-E4	. c		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 AO CFR 60 Subpart TTTT, including applicable requirements for record/keeping and reporting. [40 CFR 60 Subpart TTT, 10-23-2015] [Devices subject to this condition: 01. D7]	The project owner shall submit to the CPM for approval all emissions and emission calculations to demonstrate compliance with this condition as part of the 4th quarter Quarter(Operational Report required in AQ-SC7.	Quarterly Operational Report (AQ-SC7).	Annually, no later than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Not Started	NA						SERC	DSR
61	AQ.	AQ-E5	c	OM/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
2	AQ.	AQ-F1	cc	OPS	AF Dicharge Limits - Except for open abrasive blasting operations, the project owner shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is: (a) A dank or darker in shade as that designated No. 1 on the Ringelmann chart, as published by the United States Bureau of Minesco (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does some described in subparagraph (a) of this condition.	The project owner shall make the site available for inspection by representatives of the District, California Air Resources Board (ARB), the United States Environmental Protection Agency	NA	N/A	Conditional	NA	Not Started							SERC	DSR
3	AQ	AQ-H1	. c		of the initial performance test of the turbine required	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

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				ility Center Compliance Matrix (16	-AFC-01)		9			,	~	Pre- Construction	ŗ	ų	ĸ	5		0
	All Phase		y nenus	inty center compliance matrix (10				6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final	Staff Assessment					Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		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-H2	COM/OPS	Nox CEMS requirements - The Nox CEMS shall comply with the requirements of conditions B82.2 (ADS), H23.1 (AQ-H1), and H23.2 (AQ-H2). The project owner shall measure and record 50.2 emissions by using the applicable procedures specified in appendix D to Part 75 for estimating hourly 502 mass emissions, project owner shall measure and record C0.2 emissions by following the procedures in appendix 60 Part 75 for estimating daily C02 mass emissions, pursurant to 75.10(3)(3)(in) and 957.310), (JaC CF 75. Acid Rain CEM, 1-18-2012) (Devices subject to this condition: 01, D7] See Decision for rules for additional requirements	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. FPA and the Energy Commission.	N/A	N/A	Ongoing	NA	Not Started							SERC	DSR
65	AQ	AQ-H3		Refrigerants Requirements - The equipment is subject to the applicable requirements of District Rule 1415. [Devices subject to this condition: E15]	site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.		N/A	Ongoing	NA	Not Started							SERC	DSR
66	AQ	AQ-H4	COM/OPS	Refrigerants Requirements - This equipment is subject to Rule 40 CFR 82, Subpart F. [Devices subject to this condition: E15]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.		N/A	Ongoing	NA	Not Started							SERC	DSR
67	AQ	AQ-K1	COM/OPS	Source Test Results - The owner must provide source test results to the District 90 days after testing. See the Decision for detailed requirements.	The project owner shall submit the source test results no later than 90 days following the source test date to both the District and CPM.	CPM	No later than 90 days following the source test date	1/11/2021		Not Started	NA						SERC	DSR
68	AQ	AQ-K1a		Source Test Results - The owner must provide source test results to the District 90 days after testing. See the Dedision for detailed requirements.	source test results no later than 90 days following the source test date to both the District and CPM.	District	following the source test date	1/11/2021	NA	Not Started				SCAQMD			SERC	DSR
69	AQ	AQ-K2	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 ordanic consisting of 0 (a ozdnis type, 0) VOC content as supplied in grams per liter (g/l) of materials for low-solids costins, (c) (a ozdnis type, 0) VOC content as supplied in grams per liter (g/l) of materials for low-solids costins, (c) VOC content as supplied in g/l of costing, less water and exempt solvent, for other costings. For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each costing consisting of (a) costing type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids costing, (c) VOC content as applied in g/l of costing, less water and exempt solv(a)(a) = Projection Monitoring, 12-12-1997] [Devices subject to this continue. [14]	representatives of the District, ARB, U.S. EPA and the Energy Commission.		N/A	Ongoing	ΝΑ	Not Started							SERC	TLB
<u>70</u>	AQ	AQ-SC1	PC	linear facility construction.	resume, qualifications, and contact information for the on-site AQCMM and all AQCMM Delegates. The AQCMM and all delegates must be approved by the CPM and all AQCMM Delegates before the start of ground disturbance.	AQCMM Delegates	to ground disturbance	11/3/2018	11/1/2018 03/27/2019	Completed	11/6/2018 04/03/2019						SERC	GAL
71	AQ	AQ-SC2	PC	Air Guaithy Construction Mitigation Plan - The project owner shall provide an AQCMF, for opproval, 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. An AQCMP must be approved by the CPM before the start of ground disturbance.		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

	А	В	C	D	E	F	G	н	I	J	К	0	Р	Q	R	S	T	U
			y Reliab	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 S	taff Assessment					Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPN	Date Submitted to	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
72	AQ	AQ-SC2a	PC	Ar Quality Construction Miligation Plan - The project owner shall provide an AQCMP, for approval, which details the steps that will be taken and the reporting requirements recessary 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.		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
73	AQ	AQ-SC3	CONS	Air Quality Fugitive Dust MCR: The AQCMM shall submit documentation to the CPM in each Monthly Compliance Report (MCR) that demonstrates compliance with the following mitigation measures for the purposes of minimizing fugitive dust emissions created from construction activities and preventing all fugitive dust plumes from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM notification and approval. (see Decision for list of items (A through N).	Provide a Monthly Compliance Report to the CPM that summarizes all actions taken to maintain compliance with this condition, including complaints filed with the District and other documentation necessary.	MCR	Monthly, no later than 10 business days	Monthly		In Progress							SERC	GAL
74	AQ	AQ-SC4		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 construince of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner, indicate that existing mitigation measures are not resuiting in effective mitigation. The AQCMM or delegate shall implement the following procedures for additional mitigation measures in the event that such visible dust plumes are observed and shall include a section in the AQCM detailing how the additional mitigation measures will be accomplished within the time limits specific: (See Decision AQ-Sc4 for Steps 1 through 3 for dust plume response)	Report to the CPM that summarizes all actions taken to maintain compliance with this condition, including compaints filed with the District and other documentation necessary.		Monthly, no later than 10 business days	Monthly		In Progress							SERC	GAL
75	AQ	AQ-SC5	CONS	AQ Construction Miligation Report – The AQCMM shall submit to the CPM, in the MCR, a construction miligation report that demonstrates compliance with the following miligation measures of purposes of controlling disel construction related emissions. Any deviation from the following miligation measures shall require prior CPM notification and approval. (See Decision AQ-SCS for items A through F).	Include a table in the MCR (1) a summary of all actions taken to maintain compliance with this condition; (2) all to f all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner inflictating that the equipment has been properly maintained; and (3) any other documentation deemed necessary by the CPM and ACMM to verify compliance with this condition.	MCR	Monthly, no later than 10 business days	Monthly		In Progress							SERC	GAL
76	AQ	AQ-SC6a	OPS	Air Permit Modifications: The project owner shall provide the CPM cologies of any District-issued project at permit for the facility, The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. CPPA, and any revised permit tissued by the District or U.S. EPA, for the project.	five working days of either: 1) submittal by the project owner to an agency, or 2) receipt of proposed modifications from an agency.	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
77			OPS	Submit Modified Air Permit - See AQ-SC6a		shall submit any project air permit and any proposed air permit modification to the CPM within five working days of its submittal either by 2) receipt of proposed modifications from an agency.	Within 5 working days of proposing permit modification.	Conditional		Not Started							SERC	GAL
78	AQ	AQ-SC6c	CONS/COM/ OPS	Submit Modified Air Permit - See AQ-SC6a	Submit modified permit to CPM	The project owner shall submit all modified air permits to the CPM.	Within 15 days of receipt	Conditional		Not Started							SERC	GAL
79	AQ	AQ-SC7	COM/OPS	CPM Quarterly Operation Reports - Project owner shall submit to the CPM Quarterly Operation Reports, following the end of each calendar quarter. Operation and emissions information as necessary to demonstrate compliance with the Conditions of Certification herein to be included.	the CPM Quarterly Operation Reports, following the end of each	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days following the end of each calendar quarter	Quarterly		Not Started				SCAQMD			SERC	DSR

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1	Stanto	n Energ	y Reliabi	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	s						6/30/2040				Construction						
3						Record on Final 6	Staff Assessment					Commissioning						
4				Revised 4/30/2019		Based on Final S	Starr Assessment					Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to 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
80	BIO	BIO-1a	PC	Designated Biologist Selection - The project owner shall assign a teas to no Beignated Biologist to the project. The project owner shall submit the resume of the proposed Designated Biologist, with a least three references and contact information, to the Energy Commission computationary Designation (Designated Biologist Thus The Designated Biologist must meet the minimum qualifications (1) through (1) in this condition (BIO-1). See Decision for qualifications.	The specified information shall be submitted at least 75 days prior to the start of pre-construction site mobilization activities. No pre- constructions ite mobilization or construction-related activities shall commence until an approved Designated Biologist is available to be on site.	DB Resume	At least 75 days prior to the start of pre- construction site mobilization activities.	10/19/2018	9/27/2018	Completed	10/17/2018						JACOBS	GAL
81	BIO	BIO-1b	PC/CONS	Designated Biologist Selection - The project owner shall assign at least one Designated Biologist to the project. The project owner shall submit the resume of the proposed Designated Biologist with at least three references and contact information, to the Energy Commission compliance project manager (CPM) for approval. The Designated Biologist must meet the minimum qualifications (1) through (3) in this condition (BiO-1). See Decision for qualifications.	If a Designated Biologist is replaced, the specified information for the proposed replacement must be submitted to the CPM at least ten working days prior to the termination or release of the preceding Designated Biologist.	DB Resume	Notify CPM 10 working days in advance of replacing DB.	Conditional		Not Started							JACOBS	GAL
82	BIO	BIO-2a	CONS	Designated Biologist Duties — The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, closure, or restoration activities. The Designated Biologist may be assisted by the approved Biological Monitor(s) but remains the contact for the project owner and CPM. The Designated Biologist duties shall include the following: [See Decision for items 1- 10)	The Designated Biologist shall submit in the monthly compliance report to the CPM toopies 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 tiet (or related facilities) mobilization, ground disturbance, grading, construction, operation, closure, or restoration activities. The Designated Biologist may be assisted by the approved Biological Monitor(s) but remains the acontact for the project owner and CPM. The Designated Biologist dudies shall include the following: [See Decision for Items 1- 10)	The Designated Biologist shall submit in the monthly compliance report to the CPM copies of all written reports and summaries that document construction activities that have the potential to affect biological resources.	Reports and summaries in the Annual Compliance Report.	Annual Compliance Report	Conditional		In Progress							SERC	GAL
84	BIO	BIO-3a	PC	Biological Monitor Selection – The project owner's Designated Biologist shall submit the resumes, at least 3 references and contact information, of the proposed Biological Monitors to the CPM for approval.		BM's Quals	At least 30 days prior to the start of pre- construction site mobilization.	1/5/2019	11/1/2018	Completed	11/14/2018						JACOBS	GAL
85	BIO	BIO-3b	CONS/COM/ OPS	Biological Monitor Selection - The project owner's Designated Biologist shal submit the resumes, at least references and contact information, of the proposed Biological Monitors to the CPM for approval.		If Additional BMs are needed during construction	Approval from CPM at least 10 days prior to their first day of monitoring activities.	Conditional	4/9/2019	In Progress	4/18/2019						JACOBS	GAL
86	BIO	BIO-4a	CONS/COM/ OPS	Designated Biologist and Biological Monitor Authority- The project owner's construction/operation manager shall act on the advice of the Designated Biologist and Biological Honoreces conditioning experiments with the biological resources conditioning experiments with the biological resources conditioning experiments and maturbane provide the media control program maturbanet provide the media control provide the media maturbanet provide the media control	Ensure that the DB or BM notify the CPM of any non-compliance or halt of construction.	BM Notify CPM	Morning following the incident (or Monday morning in case of a weekend)	Conditional		Not Started							2802AL	GAL

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			y Reliab	ility Center Compliance Matrix (16	AFC-01)							Pre- Construction						
2	All Phase	es				1		6/30/2040				Construction Commissioning						
4				Revised 4/30/2019		Based on Final	Staff Assessment					Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		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
97	BIO	BIO-4b	OPS	Designated Biologist and Biological Monitor Authority- The project owner's construction/operation manager shall act on the advice of the Designated Biologist and Biological Monitors (10 ensure confirmance with the biological resources conditions of certification. If required by the Designated Biologist and/Or Biological Monitor(s) the project owner's construction/operation manager shall hat all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall [paraphirace]have the authority to stop construction and notify the CPM of the work stoppage.	Ensure that the DB or BM northy the CPM of any non-compliance or hait of construction.	Project Owner Notify CPM of circumstances and actions being taken to resolve the problem	Morning following the incident (or Monday morning in case of a weekend)	Conditional		Not Started							SERC	GAL
88	BIO	BIO-5a	PC	Worker Environmental Awareness Program, Biological Resources - The project owner shall develop and implement a project specific Worker Environmental Awareness Program (WEAP) and shall secure approval for the WEAP from the CPM in consultation with USYM and CDW. The WEAP shall be administered to all onsite personnel including surveyors, construction engineers, employees, contractors, contractor's employees, supervisors, inspectors, subcontractors, and delvery personnel. The WEAP shall be implemented during site mobilization, ground disturbance, grading, construction, operation, and closure.	start of any pre-construction site mobilization, the project owner shall provide to the CPM the proposed WEAP and all supporting written materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s)	Draft WEAP	At least 45 days prior to the start of pre- construction site mobilization	11/18/2018	10/18/2018	Completed	12/13/2018						JACOBS	GAL
89	BIO	BIO-5b	PC	Final WEAP - See BIO-5a	At least 10 days prior to site and related facilities mobilization, the project owner shall submit two copies of the CPM-approved materials.	Final WEAP	At least 10 days prior to start of site mobilization	12/18/2018	1/10/2019	Completed	1/23/2019						JACOBS	GAL
00	BIO	BIO-5c	CONS/OPS	WEAP Training Acknowledgement Forms on File - See BIO-Sa	Workers sign training acknowledgement forms and receive a hardnat sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	Training acknowledgement forms and issue hard hat stickers	Kept on file for six months after commercial operation begins	12/29/2020	NA	In Progress							ARB	GAL
91	BIO	BIO-5d	CONS/OPS	WEAP Training Acknowledgement Forms on File - See BIO-Sa	Workers sign training acknowledgement forms and receive a hardnat sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	Provide monthly compliance report of number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date	Monthly	Monthly		In Progress							ARB	GAL
92	BIO	BIO-5e	CONS/COM, OPS	WEAP Training Acknowledgement Forms on File - See BIO-Sa	Workers sign training acknowledgement forms and receive a hardnat 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 Plan (BNMIMP) - The project owner shall develop a BIMMIM and submit two copies of the proposed BIMMIMP to the CPM (for review and approval) and to CPW and SVMS (for review and approval) and to CPW and SVMS (for review and comment), if applicable, and shall implement the measures identified in the approved BIMMIM. The BIMMIMP shall be prepared in consultation with the Designated Biologist and shall identify tens (1) through (14) (See Decision for the listed items).	of any pre-construction	Draft BRMIMP	At least 45 days prior to the start of pre- construction mobilization	12/21/2018	10/19/2018	Completed	12/13/2018						JACOBS	GAL
94	BIO	BIO-6b	PC/CONS/O PS	Additional Permits (BRMIMP) - See BIO-6a If additional permits are received after the BRMIMP is first submitted, provide these to the CPM and submit a revised BRMIMP.	Submit permits not received before the draft BRMIMP is submitted to the CPM. Revised and re-submit the BRMIMP to include discussion of such permits.	Revised BRMIMP	Submit copies to CPM with 5 days of receipt. Provide revised BRMIMP within 10 days of permit receipt	Conditional		Not Started							JACOBS	GAL

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			y Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	es					1	6/30/2040				Construction Commissioning						<u> </u>
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
95	BIO	BIO-6c	PC/CONS	Modifying the BRMIMP. The project owner shall notify the CPM no less than 5 working days before implementing any modifications to the approved BRMIMP to obtain CPM approval.	Any changes to the approved BRMIMP must also be approved by the CPM in consultation with appropriate agencies to ensure no conflicts exist.	approved BRMMP	Notify CPM no less than 5 working days before implementing the modificaitons	Conditional		Not Started							SERC	GAL
96	BIO	BIO-6d		BRMIMP Monthly Compliance Report - See BIO-6a. Implementation of BRMIMP measures shall be reported in the monthly compliance reports by the Designated Biologist (i.e., survey results, construction activities that were monitored, species observed).		MCR	Monthly	Monthly		In Progress							SERC	GAL
97	BIO	BIO-6e	CONS	BRMMP Construction Clouve Report - See BIO-Ga. Provide a written Construction Clouve Report identifying which items of the BRMIMP have been completed, a summary of all modifications to the mitigation measure made during the project's site mobilization, and ground disturbance, grading, and construction phases, and which mitigation and monitoring items are still outstanding.	Submit Construction Closure Report to CPM	Construction Closure Report	Within 30 days of construction completion	8/1/2020		Not Started							JACOBS	GAL
98	BIO	BIO-7a	CONS	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	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.		Within 30 days of the completion of construction (CCR), implementation of measures ongoing during construction.	8/1/2020		Not Started							JACOBS	GAL
	BIO	BIO-8a1	PC/CONS	Pre-Construction Net Surveys and Impact Avoidance and Minimization Measures for Vereading Brids - 1640 Notes - Pre-construction net surveys shall be conducted if construction work will accor from Fohrwan 15 through August 31 The term "work" shall be defined as all site assessment, pre-construction activities, site mobilization, and ground disturbing construction activities. The Decisional of 8 Superior Ministry of Shall perform surveys in accordance with the following guidelines: (She Decision for 8 Specify Ducking Lengue), within 500 feet the project boundary. Two pre- construction surveys, separated by a 10-day internal. Conduct surveys no more than 14 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.	Notify to the CPM, CDPW, and USPW St least weeks prior to initiating surveys; notification shall include the name and resume of the biologist(s) conducting the surveys and the timing of the surveys.	Provide field notes to CPM and CDPM within 24 hours of survey.	North (FOPK, OFFW) and USFWS 2 weeks before survey.	2/1/2019 or 2/4/2019 5/8/2011 5/22/2019 Fo Gas Line: 7/31/19	r 7/3/2019	In Progress	7/12/2019 7/12/2019 8/23/2019			CDFW, USFWS	1/22/2019		JACOBS	GAL
100	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 occur from Februan 51 strough August 31 The term "void" shall be defined as all site assessment, pre-construction activities, site mobilization, and ground disturbing construction activities. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following a puidelines: (See Decision for S specific guideline items- the following to a bird summary). These include survey within S00 feet of the project boundary. Two pre- construction surveys, separated by a Joday internal. Conduct surveys no more than 14 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.		Provide field notes to CPM and CDPW within 24 hours of survey.	Provide field notes within 24 hours of survey	1/21/2019 2/1/2019 2/12/2019 2/11/2019 For Gas Line: 8/19/19	1/22/2019 2/1/2019 5/7/19	Completed	NA			CDFW, USFWS			JACOBS	GAL
101	BIO	BIO-8b	CONS	Preconstruction Nest Survey Letter Report - (See Decision BIO-8a for specific guideline items)	Letter-report to CPM, CDFW, and USFWS describing the findings of the preconstruction nest surveys	Letter report of preconstruction survey findings	Prior to the start of pre-construction mobilization	1/22/2019, 2/2/2019, 2/5/2019 (optional) 2/12/201 For Gas Line: 8/19/2019		In Progress	NA			CDFW, USFWS	Gas Line: 5/7/19		JACOBS	GAL

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			ergy	Reliabi	lity Center Compliance Matrix (16-	AFC-01)			6/30/2040				Pre- Construction						<u> </u>
2	All Phas	es	_						6/30/2040				Construction Commissioning						
4					Revised 4/30/2019		Based on Final S	taff Assessment					Operations						
5	Technical Resource	Cond. i	#	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
	BIO	BIO-80	lc	CONS	Implementation of Nest Surveys and Inclusion in BRMIMP - (See Decision BIO-8a for specific guideline items)	All impact avoidance and minimization measures related to nesting birds shall be included in the BRMIMP and implemented.	Revised BRMIMP (BIO- 6)	After pre- construction nesting surveys	Ongoing	5/7/2019	Completed	NA						JACOBS	GAL
03	BIO	BIO-80	id	CONS	Monthly Reporting for Preconstruction Nest Surveys - (See Decision BIO-8 for 8 specific guideline items)	Implementation of the measures shall be reported in the MCRs by the Designated Biologist.	MCR	Monthly	Monthly		In Progress							JACOBS	GAL
105	BIO	BIO-9a	la	CONS	Jack and Bore Drilling Best Management Practices - During construction using lack and bore drilling techniques the Designated Biologist or Biological Montor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to montor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and shalb egiven autority to do the following, including but not limited to: (See Decision for 6 items)	Notify the CPM and CDFW in the event of a frac-out, non- compliance, or halt of jack-and- bore operations.	Notification of a frac- out to CPM and CDFW	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional	9/13/2019	Completed	12/10/2019						SERC	GAL
106	BIO	BIO-9E	lb	CONS	Jack and Bore Drilling Best Management Postices - During construction using lack and bore drilling techniques the Designated Biologist or Biological Montor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to montor all activities partianing to drilling under Carbon Creek Channel and the Anabein-Barber Channel, and shall be given authority to do the following, including but not limited to: (See Decision for 6 items)	Notify the CPM and CDFW in the event of a frac-out, non- compliance, or halt of jack-and- bore operations.	Notification of any non- compliance or a halt of any jack and bore drilling operations to CPM and CDFW and actions being taken to resolve the problem	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional		Not Started	NA						SERC	GAL
	CIVIL	CIVIL-1	1a	PC/CONS	Drainage Structure Design and Grading Plan - Submit to the CBO for revew and approval the design of the the CBO reverses and approval the design of the proposed drainage structures and the grading plan; an erosion and sedimentation control plan; a construction storm water pollution prevention plan; related calculations and specifications, signed and stamped by the responsible civil engineer; and soils, geotechnical, or foundation investigations reports required by the 2016 CBC.	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		NA			1-1.1: 1/17/2019 PC1 1-1.1 2/6/19 PC2 1-1.5/24/19 PC3 1-1.2 1/17/2019 PC1 1-1.2 2/6/19 PC3 1-1.3 1/17/2019 PC1	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 1.3: 3 6/14/19 PC3 1.4: 2/8/19 PC2				SERC	TAT
07	CIVIL	CIVIL-1	16	PC	Erosion and Sedimentation Control Plan - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Erosion and Sedimentation Control Plan	At least 15 days prior to the start of site grading	12/18/2018	NĂ	Completed	-	1-1.3 2/6/19 PC2 1.1: 1/17/2019 1.2: 1/18/19	1-1.4 6/14/19 PC3 1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT
109	CIVIL	CIVIL-1	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-1	1d	PC	Related Calculations and Specs Stamped by Civil Engineer - See CiVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Related Calculations and Specs Signed and Stamped by Responsible Civil Engineer	At least 15 days prior to the start of site grading; and notify CPM in MCR following the CBO's approval	12/18/2018	NA	Completed		1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT
111	CIVIL	CIVIL-1	-		Solls, Geotechnical, or Foundation Reports - See CIVIL- 1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	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
12	CIVIL	CIVIL-1	1f	PC	Approval of all CIVIL 1a Submittals Noted in MCR - See CIVIL-1a	Statement in the MCR certifying that the documents (CIVIL-1a) have been approved by the CBO.	MCR	Next MCR after approval by CBO	3/13/2019	3/13/2019	Completed	NA	3/13/19 4/11/19					SERC	GAL
	CIVIL	CIVIL-2	2a	CONS	Adverse Soil/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CO based on these new conditions. The project ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions.	Submit modified plans, specifications, and calculations to CBO	when unforseen adverse soil or geologic conditions are identified by RE	Conditional	NĂ	Not Started		Conditional					SERC	GAL

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1	Stanto	n Ene	ergy I	Reliabi	lity Center Compliance Matrix (16	-AFC-01)		-					Pre- Construction						
2	All Phas	es							6/30/2040				Construction						
3			_		Revised 4/30/2019		Based on Final S	itaff Assessment					Commissioning Operations						
-4					Nevised 4/30/2013								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
114	CIVIL	CIVIL-2	2b		Adverse Soll/Geologic Conditions - The resident engineer shall, appropriates, tog all earthwork and construction in the affected areas when the responsible soils engineer, genetchical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforescen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBD based on these new conditions. The project ownershall obtain approval from the CBD before resuming earthwork and construction in the affected area.	The project owner shall notify the CPM within 24 Abours when earthwork and construction is stopped as a result of unforceent adverse geologic/soil conditions.	Notify CPM of a work stoppage	Notify within 24 hours	Conditional		Not Stanted	NA						SERC	GAL
115	CIVIL	CIVIL-2			Adverse Soll/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and Solls engineer, geotechnical engineer, or the civil engineer expended and snowledgeable in the practice of solls engineering, identifies unforesen adverse sool or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CO based on these new conditions. The project ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	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	NĂ						SERC	GAL
116	CIVIL	CIVIL-3	3a		Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident regineer, 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.	engineer shall transmit to the CBO	conformance report to	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional	NA	Not Started		Conditional					SERC	TLB/TAT
117	CIVIL	CIVIL-3	3b		Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CR. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	engineer shall transmit to the CPM	conformance report to	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional		Not Started	NĂ						SERC	TLB/TAT
118	CIVIL	CIVIL-3	3c		Inspections and Discepancy Reporting. The project owner thall perform inspections in accordance with the grading parmit is required, shall be subject to inspection by the CBO. If, the to course of inspection, it is discontrated that the course of inspection, it is discontrated that the agains and sing performance shall be reported immediately to the reddent regineers, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepandes, 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 CBO	within 5 days of resolution of non- compliance report	Conditional	NA	Not Started		Conditional					SERC	TLB/TAT
119	CIVIL	CIVIL-3	3d		Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CBC. All plants the grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. (if the ocurse of inspection), it is discovered that the work is not being performed in accordance with the approved plants, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CM. 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

	А	В	С	D	E	F	G	н	1	J	K	0	Р	Q	R	S	T	U
1	Stanto	n Energ	y Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre-Construction						
2	All Phase	es						6/30/2040				Construction	-					
3				Revised 4/30/2019		Based on Final S	taff Assessment					Commissioning						
	Technical						Date Submittal is			Compliance Chatra for CDM (Alab						Date Approved		
5	Resource	Cond. #	Phase	Description	Verification/Action/Submittal A list of NCRs for the reporting	Submittal	Required	Due Date Monthly	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date)) In Progress	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	by Other Agencies	Responsible Party SERC	SERC Project Manager TLB
120				Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 G.C. 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 plant, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CM. The project onner 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 shal also be included in the following monthly compliance report.													
121	CIVIL	CIVIL-4a	CONS	Final Grading Plan Approval - After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of repossibility was done in accordance with the final approved plans.		drainage plans with engineer's signed statement (See <b>Decision</b> wording).	Within 30 days of the completion of the erosion and sediment control mitigation and drainage work (or CBO-approved alternative time frame)	8/1/2020	NA	In Progress							POWER	TAT
122		CIVIL-4b	CONS	Final Grading Pian Approval - After completion of finished grading and erosion and sedimentation control and drianage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	CBO's approval of final erosion and sedimentation control and drainage work.	submit copy of CBO's approval to CPM in next monthly compliance report	Upon CBO approval in next monthly compliance report	8/1/2020		Not Started							SERC	GAL
123	СОМ	COM-1		Unrestricted Access -The project owner shall take all steps necessary tensure that the CMP, responsible Energy Commission staff, and delegate agencies or consultants, have unrestricted access to the facility ste- related facilities, project-related staff, and the records maintained on-site for the purpose of conducting audits, surveys, inspections, or general or closure- related site visits.	Although the CPM will normally schedule site wits on dates and times agreeable to the project owner, the CPM reserves the right to make unanounced wists at any time, whether such wists 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	COM-10	PC/CONS/C OM/OPS	Amendments, Staff-Approved Project Modifications, Ownership Cnanges, and Verification Changes - The project owner shall petition the Energy Commission, pursuant to Title Q. California Code of Regulations, section 1769, to modify the design, operation and facilities, or to transfer ownership or operational control of the facility. The CPM will determine whether staff approval will be sufficient, or whether Commission approval will be necessary. It is the project owner's responsibility to contact the CPM to determine if a proposed project change triggers the requirements of section 1769. Section 1796 details the requirements of section 1769. Section 1796 details the required contents for a Petition to Amend an Energy Commission Decision The only change that can be requeeted by means of a letter to the CPM is a request to change the verification method of a condition of certification.	submit a 55,000 dollar fee for every petition to amend a previously certified facility, prusuna to Public Resources Code section 25806(e). If the actual amendment processing costs exceed 55,000.00, the total Petition to Amend reimbursment fees owed by a project owner will not exceed 58303.8, adjusted annualiy, Current amendment fee information is available on the Energy Commission's website at http://www.energy.ca.gov/siting/	Petition to amend, fees	Life of the project	Conditional	PTAB1-Additional Laydown Area - 5/22/2019 PTAB2-Socialias Additional Laydown Area - 8/19/2019	In Progress	6/21/2019						SERC	PZC
125	СОМ		OM/OPS	Reporting of complaints, Notices, and Citations - Prior to the start of construction or closure, the project owner shall send a letter to property owners within one mille of the project, notifying them of a telephone number to contact project representatives with questions, complaints or concerns. If the telephone is on staffed 24 hours per day. It must include automatic answering with date and time stamp recording. (See Decision COM-11 for specifications).	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		Within 5 business days of complaint receipt, and MCR, ACR, or PCR.	Conditional	12/17/2018	Completed	1/17/2019						SERC	GAL
124	СОМ	COM-12a	PC/CONS	Emergency Response Site Contingency Han - No less than 60 days prior to the start of construction for other CPM-approved) date, the project owner shall submit, for CPM review and approval, an Emergency Response Stee Contingency Plan. The Contingency Plan shall evidence a facility's coordinated emergency response and recovery preparedness for a series of reasonably foreseeable emergency events.	See Decision COM-12 for specifications	Emergency Response Site Contingency Plan	60 days before start of construction	1/21/2019	1/25/2019	Completed	1/29/2019						SERC	TLB

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1	Stanto	n Ener	gy Relia	bility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
	All Phase	es						6/30/2040				Construction						
3				Revised 4/30/2019		Based on Final	Staff Assessment					Commissioning						
4				REVISED 4/30/2013								Operations						
5	Technical Resource	Cond. #	Phase		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 1 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-12	COM/O	5 Emergency Response Site Contingency Plan- Subsequently, no less than 60 days port or 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 recover preparedness for a series of reasonably foreseeable emergency events.	See Decision COM-12 for specifications	Updated Emergency Response Site Contingency Plan	60 prior to COD	1/17/2020	11/2/2018 1/25/2019 5/27/2020 6/4/2020	Completed	6/4/2020 6/17/2020						SERC	DSR
127	сом	COM-13	a CONS/CO OPS	W/ 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	Detailed Incident Report	Within 6 business days of the incident	Conditional		Not Started	NA						SERC	GAL
128	СОМ		OPS	W/ Incident Reporting Requirements - The project owner shall notify the CPM within one hour after it is safe and feasible, of an incident at the feasible that results in (See Decision COM-13 for incident types that apply).	project owner shall start submitting monthly status reports		monthly after incident			Not Started							SERC	GAL
	СОМ	COM-14	OPS	Non-Operation and Repart/Restoration Plan -No later than two weeks prior to a faility spaned non- operation, or no later than one week after the start of unplaned non-operation, the project owner shall not the CPM, interested agencies, and nearby property owners of this status. During on-operation, the projec owner shall provide written updates to the CPM.	Y		No later than two weeks prior to facility's planed non- operation.	6/16/2040		Not Started	NA						SERC	DSR
130	COM	COM-15	OPS	Facility Closure Planning-No less than one year prior to closing, or upon an order compelling permanent closure, the owner shall submit a Final Closure Plan and Cost Estimate.			No less than one year prior to closing, or upon an order compelling permanent closure.	7/1/2039		Not Started							SERC	DSR
132	СОМ	COM-2	PC/CON OM/O	//C Compliance Record - The project owner shall maintain S electronic copies of all project files and submittais on- site, or at an alternative site approved by the CPM, for the operational life and closure of the project.	Energy Commission staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition. Files include Final Decision; Petitions, Amendments	NA	Life of the project	Ongoing		In Progress							SERC	TLB
122	СОМ	COM-3	PC/CON OM/O	(// Compliance Verification Submittate - Verification lead 5 times associated with the start of construction may require the project owner to file submittat during APC or amendment processing, particularly if constructions planned to commence shortly after certification. The verification procedures, while 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						SERC	GAL

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											Commissioning						
			Revised 4/30/2019		Based on Final S	tarr Assessment					Operations						
Technica Resourc	al e Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
СОМ	COM-4a	PC	Pre-Construction Matrix and Tasks Prior to Start of Construction. Proto construction. Proto construction. Proto construction. The project owner shall submit to the CPM a compliance matrix including only those conditions that must be helifilde 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 Deddion COM-4 for specifications).	Ske 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 werfications pertaining to pre- construction conditions of certification;	Pre-construction matrix and pre- construction verifications	Before site mobilization	10/19/2018	9/14/2018	Completed	10/19/2018	(Ref Only) 1/7/19					SERC	GAL
COM			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					SERC	GAL
СОМ	COM-5a	PC/CONS/O PS	Compliance Matrix - The project owner shall submit a compliance matrix to the CPM with each MCR and ACR.	The compliance matrix shall identify the technical area; Condition number; description of the required action or submittal; date required; expected or actual submittal date; compliance status; updated condition language, if amended, and date amended.	Compliance Matrix with MCR	Monthly with MCR and annually with ACR	Monthly		In Progress		Monthly					SERC	GAL
COM	COM-5b	PC/CONS/O PS	Compliance Matrix - The project owner shall submit a compliance matrix to the CPM with each MCR and ACR.	The compliance matrix shall identify the technical area; Condition number; description of the required action or submittal; date required; expected or actual submittal date; compliance actual; updated condition language, if amended, and date amended.	Compliance Matrix with ACR	Annual Compliance Report	12/31/2020		In Progress		Annual					SERC	GAL
сом	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 Decklon COM-5 for specifications).	During pre-construction, construction, or closure, the project owner or authorized agent shall submit an electronic searchable version of the MCR to the CPM. MCR shall be submitted each month until construction is complete and the final certificate of occupancy is issued by the DCBO.	MCR	Monthly, within 10 business days after the end of each reporting month.	Monthly	3/13/19 4/12/19 5/14/19 6/14/19 7/16/19 8/20/19 9/14/19 10/12/19 11/13/19	In Progress	NA	5/15/19 5/15/19 5/15/19 6/17/19 7/17/19 8/14/19 9/14/19 10/14/19 11/13/19					SERC	GAL
COM	COM-7	CONS/COM/ OPS	Annual Compliance Report - After construction is complete, the project must submit searchable electronic ACRs to the CPM, as well as other periodic compliance reports (PCRs) required by the various technical disciplines. ACRs shall be completed for each year of commercial operation and are due each year on a date agreed to by the CPM. Other PCRs (e.g. quarterly reports or or	submit annual compliance reports	Submit searchable electronic ACR to CPM, submit PCRs required by the various technical diciplines	Annual Compliance Report	12/31/2020		Not started	NA						SERC	DSR
сом	COM-8		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
COM	COM-9	PC/CONS/C OM/OPS	Annual Energy Facility Compliance Fee - Pursuant to the provisions of section 2580(b) 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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		Energy	y Reliabi	lity Center Compliance Matrix (16	AFC-01)							Pre- Construction						
2 All P	hases					-		6/30/2040				Construction						
3				Revised 4/30/2019		Based on Final S	taff Assessment					Commissioning						
Techr Reso	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	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
CU 42		CUL-1a	PC	Cultural Resources Specialist, Monitors, and Technical Specialist - The project owner shall assign a Cultural Resources Specialist (CK) and at least one Alternate CKs to the project. The project owner shall submit the resumes of the proposed CKs and Alternative CRS(s), with at least three references and contact information, to the Energy Commission Compliance Project Manager (CPM) for review and approval. (See Decision for CRS	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
CU 43	IL ·	CUL-1a	PC	Cultural Resources Specialist, Monitors, and Technical Specialist - The project covmer shall assign a Cultural Resources Specialist (CRS) and at least one Alternate CRS to the project. The project owner shall submit the resumes of the proposed CRS and Alternative CRS(s), with at least three references and contact information, to the Energy Commission Compliance Project Manager (LPM) 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
CU 44		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
CU 45	IL ·	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.		At least 10 days working days before termination or release of the CRS	Conditional		Not Started	NA						JACOBS	GAL
CU	IL	CUL-1c	PC	Cultural Resources Monitors and Specialists - See Cul- Ia (CUI-1 Section D.3)	The CRS shall provide proof of qualifications for any anticipated CMRs, IAVAs, 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
CU	IL	CUL-1c	PC	Cultural Resources Monitors and Specialists - See Cul- 1a (CUL-1 Section D.3)	The CRS shall provide proof of qualifications for any anticipated CRMs, NAMs, and additional specialists for the project to the CPM.	Qualifications of CRMs and additional specialists	At least 20 days prior to ground disturbance	12/13/2018	11/16/2018 6/20/2019	Completed	12/3/2018 7/18/2019						JACOBS	GAL
47 CU 48	IL ·	CUL-1d	PC	Native American Monitors - See Cul-1a (CUL-1 Section D.4)	If efforts to obtain the services of a qualified NAM are unsuccessful, the project owner shall inform the CPM.	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
CU 49		CUL-1d	PC	Native American Monitors - See Cul-1a (CUL-1 Section D.4)	If efforts to obtain the services of a qualified NAM are unsuccessful, the project owner shall inform the CPM.	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
50		CUL-1e		Additional Cultural Resources and Native American monitors - See Cul-1a (CUL-1 Section D.5)	The owner may submit qualifications for additional CRMS or NAMs as needed.	to the CPM for review and approval	At least 5 days prior to the CRMs or NAMS beginning on-site duties	Conditional		In Progress							JACOBS	GAL
CU	IL	CUL-1f	PC/CONS	Additional Cultural Resources Specialists - See Cul-1a (CUL-1 Section D.5)	The owner may submit qualifications for cultural resources specialists.	Submit qualifications to the CPM for review and approval	At least 5 days prior to the specialists beginning on-site duties	Conditional	3/6/2019 4/26/2019 8/12/2019	In Progress	3/11/2019 4/29/2019 8/22/2019						JACOBS	GAL

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5	Technical Resource	Cond. #		Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPN	Date Submitted to	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	CUL	CUL-1g	Б		New technical specialist - See Cul-1a - (CUL-1 Section D.6)	Owner must submit resume(s) of any technical specialist to CPM for review and approval	Submit resume(s) to CPM	At least 10 days prior to technical specialist beginning task	Conditional		Not Started	NA						JACOBS	GAL
152	CUL	CUL-1h	h	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
153	CUL	CUL-1i	i	PC	CPM Approval of CRS and Alternatives - See Cul-1a - (CUL-1 Section D.8)	No ground disturbance shall occur prior to CPM approval of CFS and alternatives unices such activites are approved by the CPM	Receive approval letter from CPM	No ground disturbance shall occur without approval	Conditional		In Progress							JACOBS	GAL
155	CUL	CUL-1j	J	CONS	Discharge the CRS, after receiving approval from the CPM See Cul-1a - (CUL-1 Section A.1.2)	fulfilled all responsibilities specified in these cultural resources conditions, the project owner may discharge the CRS, after receiving approval from the CPM.	the CPM to discharge the CRS	After all ground disturbances are completed and the CRS has fulfilled all responsibilities specified in these cultural resources conditions	7/2/2020		Not Started							JACOBS	GAL
156	CUL	CUL-2a	a		Construction Maps and Drawings - Prior to the start of construction -related ground distubance, the start of each phase, and weekly, provide the CRS with the material described in this condition ( <b>See Decision</b> CU- 2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 40 days prior to the start of construction-related ground disturbance, provide the AFC, data responses, confidential cultural resources documents, and the Energy Commission FSA to the CRS, if needed, and the subject maps and drawings to the CRS and CPW. The CPM will review submittab in consultation with the CRS and approve maps and drawings suitable for cultural resources planning activities.	Documents, maps and drawings	At least 40 days prior to the start of construction-related ground disturbance	11/23/2018	11/19/2018	Completed	12/3/2018						JACOBS	GAL
157	CUL	CUL-2b	b I		Revised Maps and Drawings - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (CUI-2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 15 days prior to the start of construction-related ground disturbance, if there are changes to any construction-related footprint, provide revised maps and drawings for the changes to the CRS and CPM.	Updated maps and drawings	At least 15 days prior to start of construction-related ground disturbance	Conditional		In Progress							JACOBS	GAL
150	CUL	CUL-2c	c		Construction Phasing – Prior to the start of construction- related ground disturbance, the start of each phase, and week), provide the CDS with the materials described in this condition (See Decision CUL-2). No construction- related ground disturbance shall accur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	of each phase of a phased project,		At least 15 days prior to the start of a construction phase	Conditional		In Progress							JACOBS	GAL
	CUL	CUL-2d	d		Construction Schedule - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CIS with the materials described in this condition (See Decision CUI- 2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.		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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			y Reliab	lity Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2	All Phase	es				T	-	6/30/2040				Construction						
3				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
	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 CKS with the materials described in this condition (See Decision CUL- 2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	Within S 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		In Progress						Activity	ARB	GAL
160	CUL	CUL-2f	CONS	Replacement CRS - Prior to the start of construction- related ground disturbance, the start of each phase, and weekly, provide the CSK with the materials described in this condition (See Dedsiano Clu-2). No construction- related ground disturbance shall accour 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.		Within 10 days of the approval of the new CRS	Conditional		Not Started							JACOBS	GAL
161	CUL	CUL-3a	PC	Cultural Resources Monitoring and Mitigation Plan (CRMMP) - Submit the Cultural Resources Monitoring and Mitigation PBR (CRMMP), as prograed by or under the direction of the CRS and as described in this condition (See Decision CUL3), to the CPM for review and approval. Implementation of the CRMMP shall be the responsibility of the CRS and the CPM for provide ground disturbance shall occur prior to CPM approval of the CRMMP, unless such activities are specifically approved by the CPM.	Upon approval of the CRS proposed by the project owner, the CPM will provide to the project owner an electronic copy of the draft model CRAMP for the CRS. At least 30 days prior to the start of ground disturbance, submit the CRAMP 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
162	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 curation fees	At least 30 days prior to the start of ground disturbance	12/3/2018	11/26/2018	Completed	12/18/2018						JACOBS	GAL
163	CUL	CUL-3c	CONS/COM/ OPS	Written Agreement with Curation Fadility - 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 commiternet from, a curation facility that meets the standards stated in the State Historic Resources Commission's (SHCR) Guidelines for the Curation of Archaeological Collections (1993, or future updated guidelines from SHC), to accept the curatian of this project. Any agreements concerning curation write retained and available for audit for the life of the project.	Provide a copy of a written agreement with a qualified curation facility.	Written agreement with curation facility	90 days after completion of ground disturbance (including landscaping)	9/30/2020		Not Started							JACOBS	GAL
164	CUL	CUL-4a	CONS/COM/ OPS	Final Cultural Resources Report - The project owner shall submit the final CRR to the CPM for approval. The final CRR shall be written by, or under the direction of, the CRS and shall be provided in the Archaeological Resource Management Report (ARMR) format. The final CRR shall report on all field activities including dates, times and locations, results, samplings, and analyses. All survey reports, DPR S23 forms, data recovery reports, and any additional research reports not previously submitted to the California Historical Resources information System (CHRI) 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
165	CUL	CUL-4b	CONS/COM/ OPS	Final Cultural Resources Report - The project owner shall submit the final CRR to the CPM for approval. The final CRR shall be written by, or under the direction of, the CRS and shall be provided in the Archaeological Resource Management Report (ARMR) format. The final CRR shall report on all field activities including dates, times and locations, results, samplings, and analyses. All survey reports, DPR 523 forms, data recovery reports, and any additional research reports not previously submitted to the California Historical Resources information System (CHRIS) shall be included as appendices to the final CRR.	Submit the CRR to the CPM for review and approval.	Cultural Resource Report	Within 90 days of the completion of ground disturbance (completed project)	8/31/2020		Not Started							JACOBS	GAL
166	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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1	Stanto	on Ener	gy Relia	bility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
	All Phas	es						6/30/2040				Construction						
3				Revised 4/30/2019		Raced on Final S	Staff Assessment		-			Commissioning		-				
4				Revised 4/30/2019		based on Final.	Starr Assessment					Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		Date Approved by CPM	Date Submitted to 1 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-5a	PC	Worker Environmental Awareness Program, cultural Resources - Privot can d for the duration of construction related ground disturbance, provide Worker Environmental Awareness Program (WEAP) training, as described in the condition (See Decision CUL-5) to all new workers within their first week of employment. Ne construction-related ground disturbance shall occur pror to implementation of the WEAP program, unless such activities are specifically approved by the CPM.	The CRS shall provide the training program draft test and/or training video, including graphics, and the informatical becolver 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
100	CUL	CUL-5b	PC	WEAP training/Training Acknowledgement Form -See Condition CUL-Sa	This is provided by the CPM to the owner	Training Acknowledgement Form	At least 15 days before the beginning of ground disturbance	12/18/2018	NA	Completed							ARB	GAL
159	CUL	CUL-5c	CONS/CC OPS	W/ WEAP Training Records in MCR - See Condition CUL-Sa	Provide in the MCR the WEAP Training Acknowledgement forms of the workers who have comleted training in the prior month.	Training Acknowledgement forms for prior month in MCR and running total of all persons who have completed the training.	Monthly until ground disturbance is completed	Monthly	3/13/19 4/12/19 5/14/19 6/14/19 7/16/19 8/20/19	In Progress	NA						SERC	GAL
171	CUL	CUL-6a	PC	Cultural Resources Monitoring, Letter to Native Americans - The project owner shall ensure that a CRS, a terrate CRS, or CRMs shall be on site for al 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/CO	M 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/CO	M Cultural Resources Monitoring, Notification of Non- compliance Incidents - See Decision CUL-6a for specifications on monitors and daily monitoring logs.	The CRS and/or project owner shall notify the CPM of any incidents of non-compliance with the conditions and/or applicable LORS by telephone or email within 24 hours.	Notification of non- compliance incident	Within 24 hours of previous day's monitoring	Conditional	9/24/2019	In Progress	9/27/2019						JACOBS	GAL
170	CUL	CUL-6e	CONS/CO	M 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)		Conditional		Not Started							JACOBS	GAL
179	CUL	CUL-6f	CONS/CO	M 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.	more than 50 artifacts found or as requested	Within two business days after the end of the week	Conditional		Not Started							JACOBS	GAL
177	CUL	CUL-6g	CONS/CO	M Cultural Resources Monitoring Native American Monitor Employment - See Decision for specifications on monitors and daily monitoring logs.	The project owner shall submit a copy of a request from a Native American group that a Native American Monitor (NAM) be employed.	Copy of a request by a Native American Group's request that a Native American be employed and copy of the response letter identifying the Native American monitor to the group.	receiving a request from a Native American group that a	Conditional	NA	Not Started							JACOBS	GAL

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5	Technical Resource	Cond. #	Ph	iase	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
178	CUL	CUL-6h	CONS		Cultural Resources Monitoring, Monthly Reports - See Decision CU-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit monthly MCRs and accompanying weekly summary reports.	Monthly Status Reports of Monitoring, including any new DPR 523A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Monthly, while monitoring occurs	Monthly		In Progress							JACOBS	GAL
179	CUL	CUL-6i		1	Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit monthly MCRs and accompanying weekly summary reports.	Monthly Status Reports of Monitoring, including any new DPR 523A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Weekly, while monitoring occurs	Weekiy		In Progress							SERC	GAL
180	CUL	CUL-6j	CONS		Cultural Resources Monitoring, Final Updated DPR Forms - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	For sites for which artifacts are collected month after month, final updated DPR forms may be submitted at the completion of monitoring	Final updated DPR forms	At completion of monitoring	Conditional		Not Started							JACOBS	GAL
181	CUL	CUL-6k	CONS	1	Cultural Resources Monitoring, Change in Monitoring Level - See Dedsion 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.		At least 24 hours prior to implementing a proposed change in monitoring level	Conditional		Not Started							JACOBS	GAL
183	CUL	CUL-6I	CONS		Cultural Resources Monitoring, Change in Daliy Reporting - See Dedsion CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for reducing or ending daily reporting.	Letter or e-mail with justification for changing or ending daily reporting	At least 24 hours prior to reducing or ending daily reporting	7/3/2020		Not Started							JACOBS	GAL
18	CUL	CUL-6m	CONS		Cultural Resources Monitoring, Comments of Native Americans - See Decision CUL-5 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
18.	CUL	CUL-7a			Powers of the CRS. The CRS shall have the authority to half ground disturbance is the event of a discovery. Redirection of ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRS in the event that a cultural resource over 50 years of age is found (or if, determined exceptionally significant by the CRS), or impacts to such a resource can be anticipated, ground disturbance shall be halde or redirected in the immediate vicinity of the discovery sufficient to ensure that the resource is protected from further impacts. If the discovery includes human remains, the project owner shall comply with the requirements of Health and Human Safety Code § 7005.01(b) and shall additionally notify the CPM and Natek American origin shall be initiated without direction from the CPM. Monitoring, including Natek American monitoring, and daily reporting, as provided in other conditions, shall cathibute elsewhere, while the halting or redirection of ground disturbance in the vicinity of the discovery and at of the following have occurred: (See Decision for specifications 1-5).	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 hall ground disturbance in the vicinity of a cultural resources discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning	that the CRS, Alternate CRS, and CRMs have authority to halt	Ar 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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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
185	CUL			DPR-523 Forms (See Decision CUL-7 for specifications).	treated prescriptively, as specified in the CRMMP, completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval.	Forms DPR 523	No later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/ recovery, whichever the CRS decides is more appropriate for the subject cultural resource.	Conditional		Not Started							JACOBS	GAL
186	CUL	CUL-7c		Inform Native American Groups (See Decision CUL-7 for specifications).	The project owner shall ensure that the CRS notifies all Native American groups that expressed a desire to be notified in the event of a discovery of interest to Native Americans, and the CRS must inform the CPM when the notifications are complete.	when notifications are complete	Within 48 hours of the discovery of a resource of interest to Native Americans	Conditional		Not Started	NA						JACOBS	GAL
187	CUL			Provide Reports and Records to Nathre American Groups (See Decision CUL-7 for specifications ).	The project owner shall submit to the CPM copies of the information transmittal letters sent to the chairpersons of the Native American tribes or groups who requested the information. Additionally, the project owner shall submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.	letters to Native American tribes and copies of letters of subsequent responses to Native American requests	No later than 30 days following the discovery of any Native American cultural materials	Conditional		Not started							JACOBS	GAL
188	CUL	CUL-7e	CONS/COM	Comments or Information Provided by Native Americans (See Decision CUL-7 for specifications).	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	American comments	Within 15 days of receiving comments from Native Americans	Conditional		Not started							JACOBS	GAL
189	CUL	CUL-8a	CONS	FIII Solls Borrow or FIII Ste Documentation - if fIII solls must be acquired from a non-commercial disposal site, unless less-than-five-year-old surveys of these sites for archaeolgocal resources are provided to and approved by the CPM, the CPS shall survey the borrow of disposal site) for cultural resources and record on OPA 523 forms any that are identified. When the survey is completed, the CPS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow site, the project owner must tell-reseltch another borrow or disposal site or implement CUL-7 prior to any use of the site. The CRS shall report to the methods and results of these surveys in the final CRR.	The overe 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 CMM 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		Fill Solis, Cultural Resources Survey - in the absence of documentation of recent archaeological survey, at least 30 days prior to any soli borrow or disposal activities on the non-commercial borrow and/or disposal sites, the CRS shall survey the site(s) for archaeological resources.	owner and the CPM of the results of the cultural resources survey, with recommendations, if any, for further action.	Results of the cultural resources survey and CRS recommendations for further action, if needed.	At least 30 days before any soil borrow or disposal activities take place on the non- commercial borrow/ disposal site	3/29/2019	3/29/2019	Completed	3/29/2019						JACOBS	GAL
191	ELEC	ELEC-1a	CONS	Electrical Systems Design Plans and Specifications - Port to the start of any increment of electricial construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. (see Decision ELEC-1 for specifications)	shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a	Design plans, specifications, and calculations and 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 1-5.0: 3/2/19 1-7.0: 3/6/19 1-8.0: 5/20/19 1-8.0: 5/20/19 1-13.0 7/24/19 51- 013 PC1 1-13.0 7/26/19 51- 014 PC1	1-1.0: 5/3/19 1-2.0: 2/15/19 1-3.0: 2/6/2019 1-4.0: 2/8/19 1-5.0: 3/14/19 1-7.0: 3/20/19 1-7.0: 3/20/19 1-8.0: 6/3/19 1-10.0: 4/6/19 1-11.0: 6/3/19 1-13.0: 8/14/19 PCF				SERC	ТАТ

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192	GEN			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	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	Report, include: receipt or delay of major equipment, testing or energizing of major electrical equipment, and signed statement by registered electrical engineer certifying that the proposed final desing plans and specifications conform to requirements set forth by CEC declsion		Monthly 8/1/2020	3/13/19 4/11/19 5/14/19 5/14/19 7/17/19 8/14/19 9/15/19 10/04/19 11/14/19 11/14/19 12/15/19	In Progress	NA						SERC	GAL
193				design, construct, and inspect the project in accordance with the 2016 Califormia Building Standards Code (CBSC), also known as Title 24, Califormia Code of Regulations, which encompasses the (see Decision for list of codes) and all other applicable engineering (LOS) 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	the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's desicion have been met in the area of facility design.	verification signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection inspection applicable LOBS and the Energy Commission's decision have been net inhave been set are of facility design to CPM	following receipt of											
194	GEN	GEN-1b	CONS/CON	which encompasses the (see <b>Decision</b> for list of codes) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for	verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LOIS and the Energy Commission's decision have been met in the area of facility design.	A copy of the Certificate of Occupancy to CPM	Within 30 days following receipt of the certificate of occupancy from CBO	8/1/2020		Not Started	NA						SERC	GAL

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Te Ri	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 CBO	Date Approved by CBO		Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
5	GEN	GEN-1c	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,	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, nowing, demolition, repair, or maintenance of completed facility	Inform the CPM within 30 days prior to any construction, addition, alteration, noving, demolition, repair, or maintenance of completed facility	Conditional	Date Submitted to CPM	date)) Not Started	Date Approved by CPM	CBO	CBO	submit to?	to Other agendes	Agencies	Party SERC	Manager DSR
195	GEN	GEN-2a	PC	Schedule of Drawings, Master Drawings, Specification Lists - Before submitting the initial engineering designs for CBO review, provide the CPM and the CBO with a schedule of facility design submittals, and master	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO and to the CPM the schedule, and the master drawings and master specifications list of documents to be submitted to the CBO for review and approval. These documents shall be the pertinent design documents for the major structures, systems, and equipment theline in this condition. Major structures and equipment shall be added to or deleted from the list only with CPM approval.	Drawings &	At least 60 days prior to the start of rough grading.	11/3/2018	11/2/2018	Completed	11/20/2018	2.1 Updated Sched of Dwgs, Equip & Sub1/18/2019	2.1 Approved 1/23/19				POWER	TAT
197	GEN	GEN-2b	PC/CONS	Updates to Drawings and Lists - See GEN-2a	Provide Updates to Schedule of Drawings and Specification Lists updates in the MCR	Schedule updates	Monthly	Monthly		In Progress		1/18/2019	1/23/2019				SERC	GAL
198	GEN	GEN-3a	ОМ	the Energy Commission delegates the CBO function to a thirding arty or focal genry, the project owner, at the Energy Commission's direction, shall make payments directly to the DCBO based upon a fee schedule negotiated between the Energy Commission and the DCBO. These fees may be consistent with the fees listed in the 2016 CBC, adjusted for inflation and other appropriate adjustments; may be based on the value of the facilities reviewed; may be based on horuly rates; or may be otherwise agreed upon by the project owner and the CBO.	required payments to the CBD in accordance with the agreement. The project owner shall send a copy of the CBC's receipt of payment to the CPM in the next monthy compliance report indicating that applicable fees have been paid.	payments	Monthly	Monthiy	NĂ	In Progress		Monthly					SERC	RRF/J⊔
190	GEN	GEN-3b	PC/CONS/C OM	activities, based on a reasonable fee schedule to be	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	Monthiy		In Progress							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	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
200	GEN	GEN-4a	PC	Resident Engineer - Prior to the start of rough grading, asgin a California-negistered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project. The K or his/ner detegrate(s) shall be responsible for the elements listed in this condition (see Decision GEN-4).	and CBO-approved alternative time frame) prior to the start of 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						SERC	TAT
01	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
02	GEN	GEN-4c	PC/CONS	Approval of Newly Assigned RE - See GEN-4a	Submit new resume and registration number CBO for review and approval	Notification to CBO	Within 5 days of receiving the new resume and registration number	Conditional	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
03	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
204	GEN	GEN-5a	PC	engineer, and electrical engineer.	and registration numbers of the responsible engineers assigned to the project.	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-Sa	Notify the CPM of the CBO's approvals of the Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist within five days of the approval.	Notification to CPM	Within 5 days of the approval	12/8/2018	1/18/2019 4/11/2019	Completed	NA						SERC	TLB
	GEN	GEN-5c	PC	to construction, assign at least one of each of the California registered engineers listed in this condition (See <b>Decision</b> GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, soils (geotechnical) engineer, engineering		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
07	GEN	GEN-5d	PC	Approval of Responsible Engineers - See GEN-5a	Notify the CPM of the CBO's approvals of theresponsible design engineer, mechanical engineer, and electrical engineer within five days of the approval.	Notification to CPM	Within 5 days of the approval	1/18/2019	2/14/2019	Completed	NA						SERC	TLB
08	GEN	GEN-5e	CONS	Reassignment of Designated Engineer - See GEN-Sa	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
09	GEN	GEN-5f	CONS	Approval of Replacement Engineers - See GEN-Sa	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
	GEN	GEN-6a	CONS	Special Inspector Asignment - Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2016 CEA. Carettified weld inspections, required by the 2016 CEA. Carettified weld inspections, required by the 2016 CEA. Carettified weld inspections required by the 2016 CEA. Carettified welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). (See Decision GEN-6 for additional specifications)	Assign certified and qualified special inspectors for special inspections required by the 2016 CBC.	Submit names and qualifications of certified special inspectors to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing	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 6-1.1.0 8/16/19 6-4.0 PC1 12/17/19				ARB	TLB

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3												Commissioning						
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1	lechnical 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 Approved by	Other Agencies to		Date Approved by Other	Responsible	SERC Project
211	GEN	GEN-6aa	CONS	Special inspector Assignment – Prior to the start of an activity requiring special inspection, including perfabricated assembles, 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 welding Society (AWS), and/or American Society of Mechanical Engineers (JSAB) a splicibide; shall inspect welding performed on-site requiring special inspection (Including structure), piping, tanks and pressure vessels). (See Decision GEV-64 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	Date Submitted to CPM	datej) In Progress	Date Approved by CPM	C80	CBO	submit to?	to Other agencies	Agencies	Party	Manager 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	GEN-7a		Design Discrepancy Correction - If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CRO design review and approxi, the project owner shall document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition of certification and, af 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
212	GEN	GEN-8a	CONS	CBO Inspection and Approval. The project owner shall obtain the CBO's final approved all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site, or at another accessible location, during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked up as-built shall be provided to the CBO for retention by the CPM.	the CBO, with a copy to the CPM in the next monthy compliance report, After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.			Conditional	NA	In Progress							SERC	GAL
218	GEN	GEN-8aa	CONS	CBO Inspection and Approval - The project owner shall obtain the CBO's final approval of all completed work that has undergoine CBO design oreview 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 calculators (including all approved changes) at the project site, or at another accessible locations, and ranked used on a souther accessible locations, ouring the operated used souther specifications, calculations, and marked used on a souther accessible locations, and marked used on a south shall be provided to the CBO for retention by the CPM.	the CBO, with a copy to the CPM in the next monthy compliance report. After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	Copy to the CPM of the submittal to the CB0 a written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved plans.	Monthly as completed	Monthly		In Progress								
219	GEN	GEN-8b	CONS	Plan and Specification Storage - See GEN-8a	After storing the final approved engineering plans, specifications, and calculations described above, submit a letter to the CPM.	Letter stating both that the documents have been stored and the storage location of those documents.	After storage is in place	Conditional		Not started							SERC	GAL
220	GEN	GEN-8c	CONS	Plan and Specification Archive Copies- See GEN-8a	The project owner shall provide to the CBO three sets of electronic copies of the engineering plans, specifications, and calculations at the project owner's expense.	"Read only" (Adobe .pdf 6.0 or newer version) files, with restricted (password- protected) printing privileges, on archive quality compact discs.	Within 90 days of the completion of construction	8/31/2020	NA	Not Started							SERC	TAT

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			rgy R	teliabi	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 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	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
221	GEO	GEO-1a			ground rupture due to faulting, in accordance with the CBC, the regort 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 Icensed individual(s) is required to sign and seal the Solis Engineering Report.	the application for a grading permit a copy of the Solis Engineering Report which addresses the potential for strong seimic thaking; lquefaction; settiment due to compressible solis; cororaise solis and ground rupture due to fuluting; and a summary of how the results of the analyses were incorporated into the project's foundation and grading plan design for review and comment by the delegate chief building official (CBO). The project owner shall provide to the CPM a copy of the Solis Engineering Report, application for grading permit and any comments by the CBO at least 60 days prior to grading.	Solls Engineering Report, application for grading permit to CBO for comments	90 daya before grading	11/3/2018	NA	Completed		1-10-1/7/19 1-4.0:1/7/19	1-10-2/1/19 1-4-0-2/1/19				NV5	тат
222	GEO	GEO-1b			ground rupture due to faulting, in accordance with the CSC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potential geologic haardst, 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 Solis Engineering Report.	the application for a grading permit a copy of the Solis Engineering Report which addresses the potential for strong selmic tanking; liquefaction; settiment due to compressible solis; cororaive solis: and ground rupture due to faulting; and a summary of how the results of the analyses were incorporated into the project's foundation and grading plan design for review and comment by the delegate chief building official (CBO). The project owner shall provide to the CPM a copy of the Solis Engineering Report, application for grading permit and any comments by the CBO at least 60 days prior to grading.	Solis Engineering Report, application for grading permit, and CBO comments to CPM	60 days before grading	12/3/2018	11/2/2018	Completed	11/26/2018						SERC	GAL
223	HAZ	HAZ-1			than those identified by chemical name in Appendix B,	The project owner shall provide to the COM, in the Annual Compliance Report, the Hazardous Materials Business Plan's list of hazardous materials and quantities contained at the facility.	Materials Business Plan in the Annual Compliance Report.	Annual Compliance Report	12/31/2020		Not Started							SERC	DSR
224	HAZ	HAZ-2a			HMBP and SPCC - The project owner shall concurrently provide a Hazardow Materials Buiunes Pian (HMBP), a SpII 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 Hazardow Materials Buisness 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	Approximathy 60 days before receiving hazardous materials on site	7/20/2019	8/2/2019	Completed	9/12/2019 10/14/19	1-1.08/6/19 PC1 2-3.08/6/19 PC1	10/16/2019				SERC	DSR
225	HAZ	HAZ-2aa	a		HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Contol and Contermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Furiormental Haelah 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 Hazardoux 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	7/29/2019	NA	Completed				OCEHD	8/2/2019			

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	All Phase							6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final	Staff Assessment					Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
226	HAZ	HAZ-2ab	CONS	Final HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Hisk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHO) and the CPM for review. After receiving comments: from the OCEHO 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 OCEHO for information and to the CPM for approval.	At least 30 days prior to receiving any hazardour material on the site for commissioning or operations, the project owner shall provide a copy of a final HMBB and SPCC to the CPM for approval.	HM8P and SPCC to OCEHD for review	At least 30 days before receiving hazardous materials on site	7/29/2019	9/27/2019	Completed	10/14/2019	2-118/6/19 2-3 PC18/6/19 2-3 9/26/19 1-1.08/6/19 PC1 2-3.08/6/19 PC1	2-1.19/4/19 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 Counternessure Plan (SPCC), and a Kick Management Plan (RMP) to the Orange County Fruironmental Health Division (OCEH0) and the CPM for review. After receiving comments from the OCEH0 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.	the CPM for approval.		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	before delivery of aqueous ammonia on	7/29/2019	10/25/2019	Completed	11/12/2019						SERC	DSR
229	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to CPM for approval	At least 30 days before delivery of aqueous ammonia on site	10/20/2019	NA	Completed		10/24/2019	10/16/2019				SERC	DSR
230	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owners 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				OCEHD	10/24/2019	7-Nov		
	HAZ	HAZ-3	CONS/COM	Aqueous Ammonia Safety Management Plan - The project owner shall develop and implement a Safety a Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment include a section describing all measures to be implemented to prevent muking of incompatibile hazardous materials including providents to maintain locious control by a power plant employee not involved in the delivery or transfer generation. The plan shall be applicable during construction, commissioning, and operation of the power plant.	At least 30 days prior to the deliver of any liquid hazards material to the facility, the project owner shall provide a Safety Management Plana described above to the CPM for review and approval.	Safety Management Plan to CPM	At least 30 days before delivery of any liquid hazardous material to the facility	10/20/2019	9/27/2019	Completed	10/10/2019						SERC	DSR

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5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	СВО	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
232	HAZ	HAZ-3a	CONS/COM	Aqueous Ammonia Safety Management Plan - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tunker truck. The plan shall include procedures, protective equipment requirements; training, and a checkit. 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 emplyee not involed in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.	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 Dergin - The aqueous ammonia storage facility shall be designed to the ASHE Code for Unified Pressure Vessels. Section VIII. Division 1. The storage tank shall be protected by a secondary containment that drains to an underground vault via (3) 1.25 square footopenings capable of holding precipitation from a 24-hour, 25-year storm event flus 100 gereent of the capacity of the largest tank within its boundary. The storage tank shall have ammonia detectors positioned to detect an ammonia leak or loage of containment. The final design drawings and specification for the ammonia torage 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 underground vault to the CPM for review and approval (copy CBO)	Final design drawings for the ammonia storage and transfer facility	At least 30 days before construction of the ammonia storage and transfer facility	10/20/2019	3/15/2019 4/25/2019 (CBO approval transmitted to CPM)	Completed	4/30/2019	3/14/2019 (reference only)	4/29/2019				POWER	GAL
234	HAZ	HAZ-5	CONS	Transport Vehicle Specifications - The project owner shall direct all wendors delivering aqueous ammonia to the site to use out y 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	Nazhat Transport Route Restrictions – Prior to initial delivery, the project owner shall direct vendors delivering buik quantities (>800 galueous ammonia, lubircating and insuidang oils) to the site to use only the route approved by the CPM (from State Route 91, exiting on Beach Boulevard and traveling south to Astella Avenue, then east to Katella Avenue and turn left and head north on Dial evanue to the Statnon entrance). The project owner shall obtain approval of the CPM if an alternate route is desired.	copy of the letter containing the router extinction directions that were provided to the hazardous materials vender to the CPM for review and approval.	Copy of the letter containing route restriction directions for hazardous materials vendor.	At least 60 days prior to initial receipt of bulk quantities (>800 gallons per delivery) of hazardous materials (e.g., aqueous ammonia, lubricating and insulating oils)	10/20/2019	8/7/2019 9/30/2019	Completed	8/22/2019 10/8/19	8/22/2019	8/30/2019	GE Prolec Hill Bro AirGas	8/7/2019 9/30/2019 9/30/2019	8/7/2019	SERC	GAL
236	HAZ	HAZ-6b	CONS/OPS	Route Restrictions, New Vendor - See HAZ-Ga	The project owner shall submit a copy of the letter containing the route restriction directions that were provided to any new designated hazardous materials vendor to the CPM for review and approval.	Copy of the letter containing route restriction directions for the new hazardous materials vendor.	At least 10 days prior to a new vendor delivery of bulk quantities (>800 gallons per delivery)	Conditional		Not Started		(Ref Only) Conditional					SERC	GAL
237	HAZ	HAZ-7	PC	Construction Site Security Plan - Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. (See Decision HA2-7 of six items/specifications).	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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	Stanto	n Energ	v Reliah	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
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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	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	HAZ	HAZ-8a	CONS/OPS	Operations Site Security Plan. The project owner shall also prepare a site specific security plan for the commissioning and operational phases that would be available to the CPM for review and approval. The project owner shall implement site security measures that address physical site security and hazardous materials storage. The level of security to be implemented shall not be level of security to be below (as per HR'S exervity Guidemine or the Electricity Sector. Physical Security v2.0). See Decision HAZ-8 for nine Rems/specifications.	The project owner shall notify the CPM that as its pecific operations site security plan is available for review and approval.	Operations Security Plan	At least 30 days prior to the initial receipt of hazardous materials on site	7/20/2019	4/30/2019 (Castle Spike Topper Only) 8/9/2019 9/18/2019		5/16/2019 (Castle Spike Topper Only) 8/9/2019 11/26/2019						SERC	GAL
238	HAZ	HAZ-Sb	OPS	Operations Site Security Plan - The project owner shall also prepare a site-specific security plan for the commissioning and operational phases that would be available to the CPM for review and approval. The project owner shall implement site security measures that address physical site security and hazer that address materials storage. The level of security solid below in plenemented shall not be less than that described below (as per HRG Security Solid below for the Electricity Sector: Physical Security v2.0). See Decision HAZ-8 for nine tems/specifications.	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	Signed statements similar to Attachment A, Attachment B, and Attachment C	Annual Compliance Report	12/31/2020		Not Started	NA						SERC	GAL
239	HAZ	HAZ-9	CONS/OPS	Fuel Gas Pipe Cleaning - The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or any time during the lifetime of the facility, that invoke "flammable gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non- flammable gas (e.g., air, introgen, steam) or mechnical pigging, shall be used as per the latest edition of NFPA SS, Standard for Lie and Explanation and Purging of Flammable Gas Piping Systems. A written procedure shall be developed and implemented as per NFPA 56, section 4.4.1.	Work Plan (as described in the 2014 NFPA 56, section 4.4.1) which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the		At least 30 days before any fuel gas pipe cleaning activities begin	11/27/2019	12/15/2019	Completed	12/19/2019	12/15/2019	12/31/2019				SERC	DSR
241	MECH	MECH-1a	CONS	Plant Piping and Plumbing System Plans. The project owner shall submit, for CBO design review and approxi- owner shall submit, for CBO design review and approxi- culculations for each plant major piping and plumbing system listed in the CBO-approved matter drawing and matter specifications list. The submittal shall also include the applicable quality assurance] quality control (QAVQC) procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable laws, ordinances, regulations and industry standards. [See Decision MECH-1 for specifications]	approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer	Final plans, specifications, and calculations and certification of compliance to CBO for review and approval	At least 30 days (or project owner: and CBO-approved alternative time frame) prior to the start of any increment of major piping or plumbing construction listed in the CBO-approved master drawing and master specifications list	Ongoing	NA.	In Progress		1.1:2/8/2019 1.2:2/8/2019 1.3:2/11/19 1.4:3/1/19 1.5:4/4/19 1.6:6/20/19 1.6:6/20/19 1.7:6/20/19 1.4:0.5/3/1/9 1.4:0.5/3/1/9 PC1 1.0:7/23/19 PC1	1.1: 2/26/19 1.2: 5/6/19 1.3: 5/7/19 conditional 1.6: 5/7/19 1.6: 6/10/19 PC1 1.6: 6/25/19 PCF 1.7/16/19 PC1 1.7/16/19 PC1				Power	ТАТ

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4				Revised 4/30/2019		Based on Final S	staff Assessment					Operations						
5	Fechnical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to 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-1b		owner shall submit, for CBO design review and approval, the proposed find design, specifications, and calculations for each plant major piping and plumbing system listed in the CBO-approved matter drawing and master specifications list. The submittal shall also include the applicable quality assurace quality control (QA/QQ procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction. The responsible mechanical engineer shall stamp and sign all plans, drawing, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable laws, ordinance, regulations and industry standards. (See becision 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	MECH	MECH-2a	CONS	Presure Vessel Installation - For all pressure vessels installed in the pinct, the project owner shall submit to the CB0 and California Occupational Safety and Health Administration (Cal CSHA), pior to loperation, the code certification papers and other documents required by applicable (DSX Jono completion of the installation of any pressure vessel, the project owner shall request the appropriate CB0 and/or Cal-OSH Inspection of that installation. (See Decision MECH-2 for additional specifications).	approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the	design review and approval, the above	At least 30 days (or project owner- and CBO-approved atternative time frame) prior to the fabrication or installation of any pressure vessel the project owner shall submit to the CBO for design review and approval, the above certification, with a copy of the transmittal letter to the CPM.	11/9/2019	NA NA	Completed		9/27/2019	2-1.0*C1.10/16/19 4/17/2020				Power	тат
245		MECH-2b		Pressure Vessel Installation - For all pressure vessels installed in the plant, the project owner shall submit to the CB0 and California (accupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by applicable LORS. Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CB0 and/or Cal-OSHA inspection of that installation. (See Decision MECH-2 for additional specifications)	approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the	transmittal letter to the CPM 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							
246	MECH	MECH-2c	CONS	CBD and CAI-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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			y Relia	pility 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						
5	Technical Resource MECH	Cond. # MECH-3a	Phase PC/CONS	Description HVAC Plans - The project owner shall submit to the C80 for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning	the CBO the required HVAC and	and specification, and statement of	Date Submittal is Required At least 30 days (or project owner- and CBO-approved alternative time	Due Date 10/7/2019	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date)) Completed	Date Approved by CPM	Date Submitted to CBO 3-1.0 7/10/19 PC1 3-1.1 7/10/19 PC1 3-1.2 7/10/19 PC1 3-1.3 7/10/19 PC1	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party SERC	SERC Project Manager JBM
247				(HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. (See <b>Dedsion</b> MECH-3 for additional specifications).	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.		frame) prior to the start of construction of any HVAC or refrigeration system					3-13 / 1/0/19 C(1 3-20 7)(5/9) C(1 3-20 7)(5/9) C(1 3-22 7)(6/19 P(1 3-22 6/25/19) C(1 3-23 6/25/19) C(1 3-24 4/1/19) P(1 3-25 4/4/19) P(1						
248	MECH	MECH-3b		INAC Plans - The project owner shall submit to the CBO for design relevand 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 <b>Decision</b> 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		Public Notification Process - Prior to the start of ground disturbance, the project owner shall notify all residents within one mile of the project site and one-half mile of the linear facilities, by mail of by other effective means, of the commencement of project construction. At the same time, the project owner shall establish a telephone number for use by the public to report any underside horise conditions associated with the construction and operation of the project. If the telephone in not staffe 24 hours a day, the project owner shall include an automatic answering feature, with date and the starp recording to answer calls when the phone is unattended. This telephone number shall be posted at the project stee during construc- number of a visible to passers/by. This telephone number shall be posted and until the project and uning construction where it is visible to passers/by. This telephone number shall be mained and until the project and uning construction operational for at least one year.	to the CPM a statement, signed by the project owner's project manager, stating that the notification to residents within one mile of the project has been performed, and eacribing the method of that notification.	residents	At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/17/2018						JACOBS	GAL
250	NOISE	NOISE-1b	PC	Telephone Number Confirmation - See NOISE-1a	Transmit to the CPM a statement, signed by the project owner's project manager, stating that the telephone number has been established and posted at the site, and providing that telephone number.	the telephone number	At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/21/2018						SERC	GAL
251	NOISE	NOISE-2a	CONS/CON OPS	V Noise Complaint Process - Throughout the construction and the full term of operation, including facility closure, the project owner shall document, investigate, evaluate and attempt to resolve all project-related noise complaints. See Decision NOISE-2 for specifications.	File with the CPM a Noise Complaint Resolution Form that	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	4/9/2019	4/9/2019	Completed	4/9/2019						SERC	GAL
252	NOISE		OPS	V Noise Complaint Resolution - See NOISE-2a	If mitigation is required to resolve the complaint, and the complaint is not resolved within three business days, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.	Resolution Complaint Form	When the mitigation is implemented	Conditional		in Progress							SERC	GAL
253	NOISE	NOISE-3		Employee Noise Control Program - Submit to the CPM for review and approval a noise control program and to reduce employee exposure to high (above permissible) noise levels during construction in accordance with TiRL 6, California Gode of Regulations, Sections 5055-5099, 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/OP	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 LTJ and 43 dBA measured at monitoring location LTJ. See Dedision NOSE-4 for further specifications.	Conduct the operational noise survey	Conduct the operational noise survey	Within 30 days of achieving a sustained output of 85 percent of rated capacity	7/17/2020	NA	Not Started							Innova	DSR

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	All Phase							6/30/2040				Construction						
3				Bevised 4/30/2019		Based on Final S	taff Assessment					Commissioning Operations						
1 1 5	lechnical 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		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 initise, and a schedule, subject to CPM approval, for implementing these measures.	Summary report of the operational noise survey to the CPM	Within 15 days after the survey	8/1/2020		Not Started							Innova	DSR
256	NOISE	NOISE-4c	COM/OP	Revised Noise Survey Summary - See NOISE-4a	measures are implemented and in place, the project owner shall repeat and prepare a new summary report of the new survey.	Summary report of the new noise survey	Within 15 days of completing a new survey	Conditional	NA	Not Started							Innova	DSR
257	NOISE	NOISE-5	COM/OP	Occupational Notes Survey: Following the project's attainment of a sustained output of 58 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 S095-590 (Article GS) 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 SSH and Cal- OSHA upon request from OSHA and Cal-OSHA.	Submit to the CPM a summary report of the new noise survey	Within 30 days after completing the new survey	7/17/2020		Not Started		(Ref Only)					Innova	DSR
250	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 thit condition (See Decision NOISE-6). Construction work shall be performed in a mannet 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 device. Haul trucks table be operated in accordance with posted speed limits. Truck engine enhaust brake use (jake braking) shall be limited to emergencies.	Prior to ground disturbance, the project owners shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction work associated with this project.		Prior to ground disturbance	1/1/2019	11/26/2018	Completed	1/3/2019	1/22/2019 (Ref Only)	1/24/2019				SERC	GAL
250	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
200	NOISE	NOISE-7b	CONS	Notify Residents, Pile Driving - See NOISE-7a	The project owner shall notify the residents within one mile of the pile driving. In this notification, the project owner shall state that it will perform this activity in a manner to reduce the potential for any project-related noise and vibration complaints as much as particulable. The project owner shall submit a copy of this notification to the CPM prior to the start of pile driving.	Notification to residents within one mile of the project with copy to CPM	At least 10 days prior to first pile driving	Conditional		Not Started	NA	(Ref Only) Conditional					JACOBS	GAL
260	PAL	PAL-1a	PC	Paleontological Resources Specialist - Provide the CPM with the resume and qualifications of the PRS for review and approval. The PRS and Paleontological Resource Specialist (PRS) shall meet the minimum qualifications described in this condition (See Decision PAL-1 for specifications).		PRS Resume & Statement of Availability to CPM	At least 60 days prior to the start of ground disturbance	11/3/2018	10/18/2018	Completed	10/18/2018						JACOBS	GAL
262	PAL	PAL-1b	PC	Patientological Resources Monitors - Ensure that the PRS obtains qualified Paleontological Resource Monitors (PRM6) to monitor as he or she deems necessary on the project. PRMs shall have the equivalent of the qualifications described in this condition (PAL-1).	disturbance, provide a letter with	PRM Resumes & Quals	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018 7/9/2019	Completed	11/9/2018						JACOBS	GAL

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	All Phase						1	6/30/2040				Construction						
3												Commissioning						
4				Revised 4/30/2019		Based on Final S	staff Assessment					Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
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						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 PBS- Provide to the PPS and the CPM, for approved, maps and drawings showing the footprint of the project, as described in this condition (see Deckion PAL-2). If construction of the project submitted prior to the start of each phase. A letter identifying the proposed schedule of each project phase shall be provided to the PSA of CPM. The PPS or PPM shall be provided to the PSA of CPM. The PSG or PPM shall be provided manager to confirm area(3) to be worked the following week.		Maps and drawings	At least 30 days prior to the start of ground disturbance	12/3/2018	11/26/2018	Completed	12/21/2018						SBOCAL	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 eround 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.	scheduling of the construction	Schedule information	Within 5 days of identifying the changes	Conditional		Not Started							SERC	GAL
268	PAL	PAL-3a	PC	Paleontological Resources Monitoring and Miligation Plan (PRMMP) - Aplenothological resources monitoring and miligation plan (PRMMP) shall be include elements (1) through (10) as specified in this condition (See Decision PAL-3) and submitted to the CPM for review and approval to localify general and specific measures to minimize potential impacts to significant paleontological resources. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.	disturbance, provide a copy of the	PRMMP	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018	Completed	1/14/2019						JACOBS	GAL
260	PAL	PAL-3b	PC	Paleontological Resources Monitoring and Mitigation Plan (PMMMP) - A paleontological resources monitoring and mitigation plan (PRMMP) shall be include elements (1) through (10) as specified in this condition (See Decision PA-13) and submitted to the CPM for review and approval to identify general and specific messures to minimize patential 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 Averances Program, Patenohogina Resources - Prov to symuch disturbance and for the duration of construction activities involving ground disturbance, as described in this condition (See Decision PAL-4), prepare and conduct weekly (ZPM- approved pakenological resources training for the workers specified in this condition. The training shall include elements (1) through (7) of this condition.	The project owner shall submit to the CPM for review and comment the draft WEAP, including the brochure and sticker. The submittal shall also include a draft training script and the set of reporting procedures for workers to follow.	Draft WEAP, brochure, sticker, script, and procedures.	At least 30 days prior to ground disturbance	1/19/2019	11/1/2018	Completed	11/9/2018						JACOBS	GAL
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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1	Stanto	n Energ	y Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
	All Phase	es				1		6/30/2040				Construction						
3				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 Monthly	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM		Date Approved by CBO	Other Agencies to submit to?	Date Submitted	te Approved by Other Agencies	Responsible Party ARB	SERC Project Manager GAL
272	PAL	PAL-5a	CONS/COM	WEAP Training Documentation/MCR - No worker shall execute or perform any ground disturbance activity prior to receiving CPM-approved WEAP training by the PRS, unless specifically approved by the CPM. [See Decision PAL-S for further specifications].	In the Monthly Compliance Report (MCR), the project owner shall provide copies of the WEAP certification of completion forms with the names of those trained; trainer identification, and type of training (in-person ad/or video) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	MCR, number of personnel trained during the reporting	Monthly	Monthly		In Progress							ARB	GAL
273	PAL			Alternate WEAP Trainer - See PAL-Sa	If the project owner requests an alternate paleontological WEAP trainer, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval prior to installation of an alternate trainer. Alternate trainers shall not conduct WEAP training prior to CPM authorization.	Resume and qualifications of WEAP trainer	Before installation of the alternate trainer	Conditional		Not started							ARB	GAL
27.6	PAL	PAL-6a	CONS	Paleontological Monitoring - The project owner shall ensure that the PSA and PRM() monitor, consistent with the PRMMP, all construction-related grading and excavation in areas where potential fossil-bearing materials have been identified, both at the site and along any constructed linear facilities associated with the project. In the event that the PRS determines full- time monitoring in on censors yin locations that were identified as potentially facal-bearing in the PRMMP, the project oncessibal motify and see the concurrence of the CPM. The PRS may not further delegate the comotoring is necessary. (See Decision PALE for specifications)	A copy of the daily monitoring log of paleontological resource activities shall be included in the monthly compliance report (MCR).	and summary of monitoring activities	Monthly	Monthly		In Progress							JACOBS	GAL
275	PAL	PAL-6b	CONS	Notification of Change in Monitoring - See PAL-6a	The project owner shall ensure that the PKS submits the summary of monitoring and paleontological activities in the MCR. When feasible, the CPM shall be notified 15 days in advance of any proposed changes in monitoring different from that identified in the PRMMP, which will require concurrence between the PRS and CPM. If there is any unforessen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.	proposed change in	Notify CPM 15 days in advance of changes in monitoring when feasible	Conditional		Not started	NA						JACOBS	GAL
275	PAL	PAL-7	OPS	Paleontological Resources Report - The project owner shall ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS. The PRR shall be prepared following completion of ground-disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information, and shall be submitted to the CPM for approval.	The project owner shall submit the PRR under confidential cover to the CPM.	Paleontological Resources Report	Within 90 days after completion of ground- disturbing activities, including landscaping	9/30/2020		Not started							JACOBS	GAL
277	PAL	PAL-8	CONS/COM/ OPS	Constite Retity/Constite Fees - The project owner, through the designated PRs, shall ensure that all components of the PRMAMP are adequately performed, including collection of fossil material preparation of fossils for curation, and delivery for curstion of all cognificant paleotological resource materials and constructed and collected during project construction. The project owner ball payal inclusion for scharged by the neureum for fossil material collected and curated are shall allo provide the curation role for advection shall approve the scharged product of the scharged shall approve the scharged product of the scharged showing the project owner interacibly ind showing the project owner interaced by and allowing construction.	responsible for curating collected specimens. This documentation shall also show that fees have been paid for curation and the owner relinquishes control and	entity responsible for	Within ED days of submittal of the PRR	Conditional		Not Started							JACOBS	GAL

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	All Phase		y nenubi	ity center compliance matrix (10				6/30/2040				Construction						
3	Annase	3							-			Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment					Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
278	SOCIO	SOCIO-1	PC	School Facility Development Fee - The project owner shall pay the current one-time statutory school Facility development fee to the Magnolia Elementary School District and to the Anaheim Union High School District as authorized by Education Code Section 17620 and the Magnola Elementary School District Board Policy BP 7211 Facilities: Developer Fees.	The project owner shall provide to the compliance project manager (CPM) proof that the delegate chief building official (DCG) has calculated the assessable covered and enclosed space consistent with local practices and shall provide proof of payment of the development fees, based on the calculated space and current school development fees, to the Magnola Elementary School District and to the Anaheim Union High School District.	Payment / Proof of payment of the development fees	At least 30 days prior to start of construction	12/3/2018	12/3/2018	Completed	12/5/2018	1/7/2019	1/10/2019				SERC	GAL
279	S&W	SOIL & WATER-1a	PC	NPDES Construction Permit Requirements - The project construction activities by fulfiling the requirements contrained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DVD), NPDES No. CAS000002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the project.	the CPM proof that the construction permit was granted and that a wastle discharge lidentification number (WDID) was issued by the State Water Resources Control Board (SWRCB).	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 WQJMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF
280	S&W	SOIL & WATER-1b	PC	NPDES Construction Permit Requirements-Storm Water Pollution Prevention Plan (SWPPP) - See SOIL & WATER 1a	Construction SWPPP to SWRQ8	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 SWRCB or the Santa Ana Regional Water Quality Control Board (SARWQCB) about the general PNDES permit for discharge of storm water associated with this activity. This information shall include the notice of intent, the notice of termination, and any updates to the construction SWPPP.	Correspondence between the owner and SARWQCB	Within ten (10) days of its mailing or receipt	Conditional		Not started		SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAL
281	S&W	SOIL & WATER-2a	PC	Stormwater Management Plan/WQMP - The project owner shall comply with the Orange County Model Water Quality Maagement Plan (WOMP) requirements in accordance with Tiele 4, Division 13 and Title 9, Division 1, of the Orange County Code. The project owner shall provide a WQMP for post-construction toom water BMPs to Orange County Code. The project owner shall provide a WQMP for post-construction soft the CPM to review and approval. The project owner shall notify the CPM to writing of any reported non- compliance with the country requirements, including documentation of any measures taken to correct the noncompliance, and the results of those corrective measures. See Decision SOLWATER-2 for additional specifications.	The project owner shall provide a WQMP for post-construction storm water BMNs to the CPM and to the Orange County Public Works Department.	construction stormwater BMPs	At least 120 days prior to site grading	9/14/2018	9/14/2018 (Rev3/19) 3/27/2019	Completed	9/14/2018	PC1:1/17/2019 PC2:2/21/19 PC3:3/18/19 (Ref Only)	3/5/2019 3/27/2019				SERC	GAL
283	S&W	SOIL & WATER-2b	PC	Orange County Public Works Department Review of WQMP - See SOIL & WATER 2a	Obtain County review of the WQMP	Verification of the county's completed review of the WQMP	30 days before grading	12/3/2018	11/29/2018	Completed	12/1/2/18						SERC	GAF
284	S&W	SOIL & WATER-2c	PC/CONS	Correspondence with County Re: Stormwater - See SOIL & WATER 2a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the county regarding storm water management.	Copies of correspondence with the County regarding storm water management	Within 10 days of its mailing or receipt	Conditional		Not Started							SERC	GAL

	A	В	С	D	E	F	G	н	1	J	К	0	Р	Q	R	s	T	U
1	Stanto	n Energy	y Reliab	lity Center Compliance Matrix (16	AFC-01)							Pre- Construction						
2	All Phase	es .						6/30/2040				Construction						
3				Revised 4/30/2019		Based on Final	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 CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
285	S&W	SOIL & WATER-3a	PC/CONS	Hydrostatic and Dewatering Water Discharge Termit Requirements - Prior to Initiation of discharge to surface water from hydrostatic testing water or groundwater from dewatering, the project owner shall obtain a National Pollutant Discharge Elimination System permit Order No. CA990001 for hydrostatic testing and dewatering (If applicable) water discharge. The project owner shall provide a copy of all permit Order No. CA990001 for hydrostatic testing and dewatering (If applicable) water discharge. The project owner shall provide a copy of all permit Order No. CA99001 for hydrostatic testing and Sarof (SAWRCB) for hister Water Becourse Control Board (SAWRCB) for hister Water Becourse Control Board (SAWRCB) to the CPM and notify the CPM in writing of any reported non-compliance.	necessary NPDES permits were obtained from the SARWQCB or	Documentation that NPDES permits are obtained	Thirty (30) days prior to the first scheduled hydrostatic testing event or discharge of groundwater dewatering water	12/3/2018	12/4/2018	In Progress	12/13/2018	(Ref Only)					SERC	GAL
200	S&W	SOIL & WATER-3b	PC	NPDES Plans and Permits - See SOIL&WATER-3a	The project owner shall submit to the CPM a copy of the relevant plans and permits received.	Plans and permits	Thirty days (30) prior to project construction	12/3/2018	12/6/2018	Completed	12/11/2018	(Ref Only)					SERC	GAL
287	S&W	SOIL & WATER-3c	PC/CONS/O PS	Correspondence with SWRCB - See SOIL&WATER-3a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the SWRCB regarding NPDES permits in the annual compliance report.	Copies of correspondence	Annual Compliance Report	12/31/2020		Not Started		(Ref Only)					SERC	GAL
288	S&W	SOIL & WATER-4a		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 5.8 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.	monthly compliance report shall	Summary of daily water use	Monthly Compliance Report	Monthly		In progress		(Ref Only)					ARB	GAL
289	S&W	SOIL & WATER-4b	COM/OPS	Water Use and Reporting- Water supply for project construction and operation shall be potable water supplied by Golden State Water Company. Project water use for construction shall not exceed 5.6 acre-feet. In project owner shall net exceed 34 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.	monthly compliance report shall	Monthly and annual summary of water use	Annual Compliance Report	12/31/2020		In Progress		(Ref Only)					SERC	DSR
290	S&W	WATER-5a	PS	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 would and record in galons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	shall submitto the CPM evidence that they have complied with all requirements and paid the necessary fees for connection	At least thirty (30) days prior to use of the Golden State Water Company potable water supply	3/16/2020	11/29/2018 6/16/2020	Completed	12/1/2/18	(Ref Only) 6/19/2020					ARB	GAL
291	S&W	SOIL & WATER-5b	PC/CONS/C OM/OPS	Water Meeting: 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 wonline and record in gallons per day the total volume(s) of water supplet of 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					SERC	GAL
292	S&W	SOIL & WATER-5c	COM/OPS	Water Meeting. The water supply for project construction and pearation 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 distution system to monitor and record in gallong per day the total volume(s) of water supplicat from Golden State Water company. Those metering devices shall be operational for the life of the project.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR. Fees paid to Golden State Water Company shall be reported in the ACR for the life of the project.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR	Annual Compliance Report	12/31/2020		Not Started		(Ref Only)					SERC	DSR

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	All Phase		y itenab	inty center compliance matrix (10	-AIC-01			6/30/2040				Construction						
3	Airritasi											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
293	S&W	SOIL & WATER-5d	COM/OPS	Water Meeting—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 valume(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.	the Annual	Annual Compliance Report	12/31/2020		Not Started		(Ref Only)					SERC	DSR
294	S&W	SOIL & WATER-6a	PC/CONS	Sewer Connections - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	connections to the sewer system.	the City accepts the SERC's sewer connection.	Prior to the use of the city's sewer system	6/30/2019	5/9/2019	In Progress	5/16/2019	(Ref Only)					ARB	GAL
295	S&W	SOIL & WATER-6b	CONS/COM/ OPS	city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	waste water discharge and fees paid to the city shall be reported in the ACR.		Annual Compliance Report	12/31/2020		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 sandary 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	Monthly and annual summary of waste water discharge.	Annual Compliance Report	12/31/2020		Not Started		(Ref Only)					SERC	DSR
297	S&W	SOIL & WATER-7	PC/CONS	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&WATEF J for list) - Section 403, Section 408, Streambed Alteration Agreement,	applicable permits or agreements.	Permits or agreement documents	No later than thirty (30) days prior to any construction-related activities that could affect water quality in Carbon Creek	6/30/2019	5/31/2019	Completed	6/19/2019	(Ref Only) 9/5/19 12/6/19	12/12/2019				SoCalGas	GAL
298	S&W	SOIL & WATER-8a	PC	Bridge Encoachment Permits. The project owner shall obtain an encoachment permit for the construction of the vehicle and utility bridges from the Construction of the vehicle and utility bridges from the Construction Pather Works Department in accordance with Orange County Code – TRie 9, Division 2, Article 2, Sections 9 -2 40 and 9-250. The project owner shall pay all necessary fees to Orange County Holdk Works Department for compliance with the permit review and approval process. The project owner shall about the encoachment permit application package to Orange County Public Works Department and the CPM for review and approval prior to construction. The project owner shall also provide a copy of the approved permit to the CPM.	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 Oniy)				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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			y Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2 A	All Phase	es				1	1	6/30/2040				Construction						
3				Revised 4/30/2019		Based on Final	Staff Assessment					Commissioning						
4				Revised 4/ 50/ 2015		Duscu United						Operations						
1 F 5	lechnical 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		Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	STRUC	STRUC-1a	PC/CONS	Project Structures Plans and Specifications - Prior to the start of any increment of construction, the project owner shall submit plans, calculations, and other supporting documentation to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved material force procedures and details as well as vertical calculations. Construction of any structure or component shall not begin until CBO has approved the lateral force procedures to be employed in designing that structures or component. (See Decklon STRUC-1 for specifications).	the CBO the above final design plans, specifications and calculations, with a copy of the	Final design plans, specifications, and calculations and transmittal letter to CPM	At least 30 days (or project owner: and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list	1.0.1/17/2019 2.0.1/23/2019 3.0.1/31/2019 5.0.2/7/2019 5.0.2/7/2019 5.0.2/7/2019 7.0.2/14/2019 9.0.2/24/2019 9.0.2/24/2019 9.0.2/24/2019 13.0.2/20/2019	1. B 3/15/13. 1076/19 1. D 4/25/13. 1076/19 2. D 1/23/13. 1076/19 2. D 1/23/13. 1076/19 2. D 1/23/13. 1076/19 1. D 2/3/13. 1076/19 2. D 2/3/13. 1076/19 2. D 2/3/13. 1076/19 2. D 2/3/13. 1076/19 2. D 2/3/21. 1076/19 3. D 2/270/19 3. D 2/370/19 3. D 2/371/9 3. D 2/37	In Progress	NA	1 0 Compaction: 3/15/19 1.0 Bridge Design: 4/25/19 2.0.1/23/7019 3.0.1/31/2019 3.0.1/31/2019 3.0.1/31/2019 5.0. 6.0.2/12/2019 3.0.3/21/2019 10.0.2/22/2019 10.0.2/22/2019 11.0.4/16/19 11.0.3/27/2019 15.0.5/31/19	1.0 Compaction: 3/25/19 10.08 rdgr Design: 5/13/19 2.0: 2/18/2019 3.0: 5/16/19 3.0: 5/16/19 3.0: 5/16/19 3.0: 5/27/19 10.0:5/27/19 10.0:5/27/19 10.0:5/27/19 11.0: 5/16/19 15.0: 7/17/19 16.0: 7/27/19 10.0: 6/7/19 12.0: 6/7/19 12.0: 6/7/19				Power	GAL
300	STRUC	STRUC-1b	PC/CONS	CBO Approvals Reported in MCR - See STRUC-1a	The project owner shall submit to the CPM, in the next monthly compliance report, a copy of a statement from the CB0 that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in	Statement from CBO	Monthly	Monthly	19.0: 20.0:5/23/19 21.0:5/24/19,12/29/19 22.0:5/28/19,12/29/19 7 4/14/19 6/14/19 7/15/19 8/14/19 9/14/19 11/14/19 11/14/19	In Progress	NA	23.0: 6/10/19 24.0: 5/31/19 25.0: 5/31/19 26.0: 5/31/19 27.0: 5/31/19	23.0: 7/1/19 24.0: 7/3/19 PC2 25.0: 26.0: 27.0:				SERC	GAL
301	STRUC	STRUC-1c	PC/CONS	CBO Approvals Reported in MCR - See STRUC-1a	applicable engineering LORS. The project owner shall submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Monthly Compliance Report list of approve plans, specifications, and calculations	Monthly	Monthly	12/14/19 1/14/20 2/11/20	In Progress		Monthly					SERC	GAL
02	STRUC	STRUC-2a	CONS	Non-Compliance Procedures - The project owner shall submit to the CBO the required number of sets of the following documents related to work that has undergone CBO design review and approval (see Decision STRUC-2 for specifications).	If a discrepancy is discovered in any of the above data, the project owner shall prepare and submit a Non-Compliance Report (NCR) describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section.	NCR describing the discrepancy and corrective action, and transmittal letter	Within five days of discovering a discrepancy	Conditional		Not Started	NA	(Ref Only) Conditional					SERC	GAL
04	STRUC	STRUC-2b	CONS	Corrective Action Documentation - See STRUC-2a	Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.	Copy of the corrective action to the CBO	Within 5 days of the resolution of the NCR	Conditional	NA	Not Started		(Ref Only) Conditional					SERC	GAL
05		STRUC-2bb		Corrective Action Documentation - See STRUC-2a	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	resolution of the NCR	Conditional		Not Started								
06	STRUC	STRUC-2c		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 corrective action	Within 15 days of the resolution of the NCR	Conditional		Not Started							SERC	GAL
\$07	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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			y Reliabi	lity Center Compliance Matrix (16	-AFC-01)			6/30/2040				Pre- Construction						<b> </b>
2 All 3	Phases	5						6/30/2040				Commissioning						<u> </u>
4				Revised 4/30/2019		Based on Final	Staff Assessment					Operations						
Res 5	hnical ource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		Date Approved by CPN	Date Submitted to 1 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
ST	RUC	STRUC-3a	PC/CONS	to the CBO design changes to the final plans required by the 2016 CBC, including the revised drawings,	The project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other abovernentioned documents to the CBO, with a copy of the transmittal letter to the CPM.	Revised drawings to CBO	Schedule suitable to the CBO	Conditional	NA	Not Started		(Ref Only) Conditional					SERC	GAL
ST	RUC	STRUC-3aa	PC/CONS	to the CBO design changes to the final plans required by the 2016 CBC, including the revised drawings, specifications, calculations, and a complete description	design changes, and shall submit the required number of sets of	Revised drawings to CBO and transmittal to CPM	Schedule suitable to the CBO	Conditional		Not Started	NA	(Ref Only) Conditional					SERC	GAL
ST	RUC	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
ST	RUC	STRUC-4a	CONS	Tank and HazMat Vessel Design - Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2016 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	The project owner shall submit to the C&O 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
ST	RUC	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 linspection.	Copies of CBO approvals in MCR	Monthly	Monthly	1/14/2020	Completed	NA						SERC	GAL
T	LSN	TLSN-1	CONS	66 XV Line Requirements - The project owner shall construct the proposed 66-4V transmission line lacording to the requirements of California Public Utily Commission's GO-95, GO-128, GO-52, GO-131-0, Title 8, and Group 2, High Voltage Techtrical Safety Orders, sections 2200 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	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
13 T	LSN	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
TF	IANS	TRANS-1a	CONS		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
TF	IANS	TRANS-1b	CONS	Copies of Permits - See TRANS-1a	truck routes. 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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			gy Rel	ability Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
2 All	Phase	S						6/30/2040				Construction						
3						Record on Final	Staff Assessment					Commissioning						
Tec	chnical source	Cond. #	Pha	Revised 4/30/2019	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	Operations Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
т	RANS	TRANS-2	a PC	Traffic Control Plan - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project owner shall consult with the city of Stanton in the preparation and implementation of the TCP. The project owner shall solumit the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and perioral prior to the proposed start of construction and implementation of the plan. [See <b>Decision TRANS-2</b> 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
318	RANS	TRANS-2	D PC	Traffic Control Plan - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the movement of workers, wehicks, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project owner shall consult with the city of Stanton in the preparation and implementation of the TCP. The project owner shall submit the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation the plan. [See Decision TRANS-2 for specifics].	of Stanton requesting review and	and transmittal letter	At least 60 calendar days prior to the start of construction	11/29/2018	10/18/2018 11/29/2018 3/1/2019 7/1/2019	Completed	12/16/18 12/21/2018 3/5/2019 7/18/2019	1/22/2019 (Ref Only)	1/23/2019				JACOBS	GAL
TF	RANS	TRANS-2	: 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
TF 320	RANS	TRANS-20	d 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.		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
T	RANS	TRANS-3	a PC	Restoration of Public Reads, Easements, and Rights-of- Way - The project owner shall restore all public roads, easements, rights-of-way, and any other transportation infrastructure damaged due to project-related construction and traffic. Restoration shall be completed and the analysis of the project of the start condition. Restoration of significant damage which could cause barach (such as probles, deterioration of pavement edges, or damaged signage) shall take place immediately after the damage has occurred. Prior to th start of site mobilization, the project owner shall ontify the relevant agencies, including the city of Stanton, country of Orange, Catrans District 12, and any jurisdictions affected by construction of the linear facilities, of the proposed schedule for project construction. The purpose of this notification is to request that these agencies consider postponement of any planned public right-of-way repairs or improvement activities in areas affected by project construction nutline construction is completed, and to coordinate any concurrent activities that cannot be postponed.	mobilization, the project owner shall videotaper acids and intersections along the major router construction webicles would take in the vicinity of the project site. The project owner shall provide the videotapes or other recorded visual media to the CPM.	Videotape of pre- project road conditions	Prior to the start of site mobilization	1/31/2019	1/30/2019	Completed	1/31/2019	1/31/2019 (Ref Only)	1/31/2019				SERC	GAL

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	Technical Resource	Cond. #	÷	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not						Date Approved		
5	Resource							Required		Date Submitted to CPM	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	by Other Agencies	Responsible Party	SERC Project Manager
322	TRANS	TRANS-3	3b	CONS	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, essement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/ agencies stating their satisfaction with the repairs.	Notify CPM and affected agencies to identify sections to be reparted. Establish schedule for completion of repairs with CPM	7/2/2020	Conditional		Not started	NA	(Ref Only) Conditional					SERC	GAL
323	TRANS	TRANS-3	3c	CONS	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/dancies to identify the sections to be regarder. At that time, the shoriget workshold for completion of the trappars with which the project owner must complety unless approval for a schedule change is provided by the CPM. Following completion of any repairs, 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
224	TRANS	TRANS-4	ia Pi		Enconchement into Public Rights of Way - front or any ground distubance, improvements, or Pirot or any ground distubance, improvements, or obstruction of traffic within any public road, easement, or right-of-way, the project owner shall coordinate with all applicable jurisdictions, including the city of Stanton, to obtain necessary encreachement permits and comply with all applicable regulations, including applicable road standards.	The project owner shall provide copies to the CPM of all permits received from any affected jurisdictions.	Copies of permits from affected jurisdictions	At least 10 days prior to ground disturbance, improvements, or interruption of traffic in or along any public road, easement, or right-of-way	So Cal Gas 6/8/19 SCE 9/20/19 City of Stanton Driveway X/X/2020		In Progress	8/1/2019	(Ref Only) 7/31/19					SoCalGas/SCE	GAL
325	TRANS	TRANS-4	tb CC	INS/OPS	Copies of Permits - See TRANS-4b	The project owner shall retain copies of the issued permits and supporting documentation in its compliance file.	Copies of the issued permits	Minimum of 180 calendar days after the start of commercial operation.	12/29/2020		In Progress							SERC	TLB
326	TRANS	TRANS-5	5a		Transportation of Hazardow Materials -The project owner shall contract with lenses that areadows materials delivery and waste hauler companies for the transportation of hazardows 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	Monthly during construction	Monthly		In Progress							SERC	GAL
327	TRANS	TRANS-5	5b		Transportation of Hazardow Materials - The project owner shall contract with licensed hazardow materials delivery and waster hader companies for the transportation of hazardows 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's 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	Annual Compliance Report	12/31/2020		Not started		(Ref Only) Annual					SERC	DSR

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			y Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
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4				Revised 4/30/2019		Based on Final S	Staff Assessment					Operations						
	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		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
328	TRANS	TRANS-6a	PC	Rail Crossing Safety Plan - Prior to any construction- related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking) between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	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	Date Submitted to CPM 11/1/2018	date)) Completed	Date Approved by CPM 12/21/2018	CBO	<u>CBO</u>	submit to?	to Other agencies	Agencies	Party Jacobs	Manager GAL
329	TRANS	TRANS-6b	PC	Reil Cossing Safety Plan - Prior to any construction- related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers waiking between the parking area and the size or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railnoad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing starty plan to Union Pacific Railroad (UPRR) for review and comment	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction- related ground disturbance	12/20/2018	11/1/2018	Completed	NA			UPRR	11/1/18	No comments received from UPRR. Comments were requested by 11/30/18	SERC	GAL
220	TRANS	TRANS-6c	PC	Rail Coxains Safety Plan Nior to any construction- related ground disturbance, the project owner shall develop and implement a nail crossing safety plan for construction that addresses construction-taileted pedestrian activity (including workers waiking between the parking area and the site or working at the site), construction vehicles, and heavy/oversite loads. The nail crossing safety plan must include plans for a flagger at the railnoad tracks during worker arrival and departure times to ensure safe worker crossing.	project owner shall also provide the CPM with a copy of the		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
221	TRANS	TRANS-6d	PC	Final Rail Crossing Safety Plan - See TRANS-6a	The project owner shall provide copies of any comment letters received from the city of Stanton and UPRR, along with any changes to the rail crossing safety plan, for CPM review and approval.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction- related ground disturbance	1/19/2019	12/3/2018	Completed	1/24/2019						JACOBS	GAL
332	TRANS	TRANS-6e	PC	Final Rail Crossing Safety Plan - See TRANS-6a	After CPM review and approval, the project owner shall provide completed copies of the final rail crossing safety plan to the city of Stanton and UPRR, sending copies of the correspondence to the CPM.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction- related ground disturbance	1/19/2019	1/19/2019	Completed	1/24/2019			City of Stanton UPRR			SERC	GAL
333	TRANS	TRANS-7	CONS	FAA Notification for Construction Equipment at or Executing 135 Fee AdL - The project owner or its contractor(s) shall file Federal Availon Administration (FAA) Form 7460-1, Notice of Proposed Construction or Afteration, with the FAA for any construction equipment 135 feet above ground level (AGL) or taller. The project owner shall comply with any conditions imposed by the FAA as part of their hazard determination, uson smarking and lighting requirements.	The project owner shall submit to the CPA scory of the FAA's hazard determination.	FAA Form 7460-2, Notice of Actual Construction or Alteration	At least 30 days prior to the presence onsite of any construction equipment 153 feet AGL or taller	4/24/2019	4/24/2019 5/1/2019 (corrected elevation)	Completed	5/1/2019 8/5/19						Jacobs	GAL
334	TRANS	TRANS-8a	CONS	Pilot Notification and Awareness - The project owner shall initiate the following actions to ensure pilots are aware of the project location and potential hazards to aviation. (See <b>Decision</b> TRANS-8 for specifications).	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, and the FAA 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 receip. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.		Within 60 days after CPM approval of the draft language	5/7/2019	3/22/2019	Completed	5/22/2019			Los Alamitos Army Airfield, FAA, Fullerton Municipal Airport	3/27/2019		JACOBS	GAL

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3		.9										Commissioning						
4				Revised 4/30/2019		Based on Final S	Staff Assessment					Operations						
5	lechnical 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	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
336	TRANS	TRANS-8c	CONS	Correspondence from FAA, LAAA, or FMA - See TRANS- 8a	correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Copy of correspondence from FAA, LAA or FMA	Within 10 days of receipt	Conditional	FMA - 04/02/2019 FMA&LAAA - 04/11/2019 Additional LAA correspondence Transmitted on 5/13/19	Completed	4/11/2019			-			SERC	GAL
337		TRANS-8d	CONS	Correspondence from FAA, LAAA, or FMA - See TRANS- 8a	correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Contact CPM if FAA, LAA Manager or FMA manager does not respond	Within 30 days after submittal	5/8/2019	5/8/2019	Completed	5/9/2019						SERC	GAL
338	TSE	TSE-1	CONS	Schedule of Designs, Master Drawing List, Specification Lists - Furnish to the CPM and to the CBO a schedule of transmission facility design submittals, as described in this condition (See Designion ST-4). 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
220	TSE	TSE-2a	CONS	Final Switchyard Design. For the power plant switchyard, outle line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the EGD. 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 LOPS.		design plans, specifications, and	Prior to the start of each increment of construction - Switchyard a) Civil design b) Structural design - Gen-Tie a) Civil design b) electrical design	6/30/2019	NA	Completed		2-108/2/19PC1	2-1.0 8/22/19 PC1				Power / SCE	GAL
340	TSE	TSE-2b	CONS/COM OPS	Final Switchyard Design- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	plans, specifications, and calculations for	For 1 year after completion of construction	8/1/2021	NA	Not Started							SERC	DSR
3.61	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 n 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
341	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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2	All Phase	es						6/30/2040				Construction Commissioning						
4				Revised 4/30/2019		Based on Final S	itaff 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	СВО	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
343	TSE	TSE-3	CONS/COM, OPS	/ Design, Construction, and Operation of Transmission Facilities - The design, construction, and operation of the proposed transmission facilities will conform to all applicable LORS and requirements (o) through (f) listed in this condition (See Decision TSE-3 for further specifications).	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	CONS	Notice to CAISO - The project owner shall provide the following notice to the California Independent System Operator (California ISO) prior to synchronizing the facility with the california Transmission system: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO letter stating the proposed date of synchronization; and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	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
	TSE	TSE-4b	CONS	Notice to CAISO - The project owner shall provide the following notice to the California Independent System Operator (California ISO) prior to synchronizing the facility with the California Transmission system: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter satisting the proposed date of Synchronization, and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	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	Telephone notification to CASO Dutage Coordination department Note: use recorded line at 24hr desk	Letter one business day prior and report of conversation one day before initial synchronization with the grid	4/15/2020	4/15/2020 4/17/2020	Completed	NA						SERC	DSR
345	TSE	TSE-5a	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission regimes during and fare project construction, and any subsequent CPM and CBD approved changes thereto. Ic subsequent CPM and CBD approved changes thereto. Ic ensure conformation with CPUC General Order (GO) 55, CPUC GO 128, or NESC, THE 8, CCR, Articles 35, Sd and 37 of the "high Voltage licent: Select Orders", applied the inductory standards and set of nonconformance, the project Owner shall inform the CPM and CBD in writing, within 10 days of discovering such non-conformance, and describe the corrective actions to be taken.	synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection	after project	Within 10 days of discovering non- conformance	Conditional		Not Started		(Ref Only) Conditional					SERC	TLB
347	TSE	TSE-5b	COM/OPS	As Bull Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved honges theretox to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, CPNSC, THE 8, CCR, Ancless 13, Bar 37 of the "High Voltage Electric Safety Orders", applicable intercontection standards, and ela SHC 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.	synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see <b>Decision</b> TSE-5 Verification for specifications)	line drawings of	Within 60 days after first synchronization of the project	6/15/2020	6/20/2020	In Progress		6/18/2020					SERC	GAF

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			y Reliab	ility Center Compliance Matrix (16	AFC-01)							Pre- Construction						
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3				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		Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
348	TSE	TSE-5c		Ar-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 CB0 approved changes thereto: to ensure conformance with CPUC Seneral Order (SO) SS, CPUC GO 128, or VES, Titk 8, CCR, Articles 35, 38 and 37 of the "high Voltage Electric Safety Orders", applicable interconnection standards, a well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CB0 in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.		mechanical structure	Within 60 days after first synchronization of the project	6/15/2020	6/20/2020	In Progress		6/18/2020					SERC	GAF
349	TSE			Ar-Built Drawings - The project owner shall be responsible for the inspection of the trammission facilities during and after project construction, and any subsequent CPM and CEO approved changes thereto. Io ensure conformance with CPUC Seneral Order (GO) 55, CPUC GO 128, or VES, Tith & J.C.C.M. Articles 3, 36 and 37 of the "high Voltage Electric Safety Orders", applicable interconnection standards, a well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, writin 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	CPM and CBO <sup>*</sup> as built engineering descriptions <sup>*</sup> and inspection summaries (see <b>Decision</b> 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	In Progress	2/4/2010	6/18/2020	246/2010		2// 2010		SERC	GAF
350	VIS	VIS-1a	PC	Surface Treatment of Project Structures - The project owner shall treat the surfaces of all project structures and buildings visible to the public such that a) their colors minimize visual intrusion and contrast by blending with the landscape; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances. The transmission line conductors shall be nonspecular and non-reflective, and the insulators shall be non-reflective and non-refractive. See Decision VIS-1 for specifications)	The project owner shall submit the proposed treatment plan to the CPM for review and approval and simultaneously to the city of Stanton for review and comment.	Proposed Surface Treatment Plan	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture	11/10/2017	2/26/19 3/6/2019	Completed	3/14/2019	3/12/2019 (Ref Only)	3/18/2019	City of Stanton	3/6/2019	3/11/2019 (City of Stanton Approval - no comments)	SERC	GAL
351	VIS	VIS-1b	PC/CONS	Revised Surface Treatment Plan - See VIS-1a	If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for review and approval.	Revised Surface Treatment Plan	Any modifications to the treatment plan must be submitted to the CPM for review and approval	Conditional		Not Started		(Ref Only) Conditional					SERC	GAL
352	VIS	VIS-1c	CONS	Notification that Treatment Completed - See VIS-1a	The project owner shall notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection and shall submit one set of electronic color photographs from the same Key Observation Points (KOP) 1 and 2.		Prior to the start of commercial operation	6/27/2020		Not Started		(Ref Only)					SERC	GAL
353	VIS	VIS-1d	OPS	Surface Treatment Maintenance - See VIS-1a	Project owner shall provide status report regarding surface treatment maintenance in the ACL. The report shall specify a): the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occured during the reporting year; and c) the schedule of maintenance activities for the next year	Status Report	Annual Compliance Report	12/31/2020		Not Started		(Ref Only) Annual					SERC	DSR
354	VIS	VIS-2a	CONS	Screening Landscaping Plan - The project owner shall also submit to the CPM for review and approxil, and isolutanteously to the city of Stanton for review and comment, a detailed landscape plan and irrigation plan for the power plants the in fulfilment of requirements of applicable laws, ordinances, regulations, and standards, including water efficiency irrigation standards as required by the city of Stanton. See Decision VIS-2 for specifications.	the city of Stanton for review and	Landscaping and irrigation plans	At the earliest feasible time during or prior to construction and at least 90 days prior to installation	4/3/2020	6/28/2020	in Progress		(Ref Only)		City of Stanton	4/23/2020	5/13/2020	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
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	4/3/2020		In Progress		(Ref Only)					ARB	GAF
357	VIS	VIS-2d		Landscaping Ready for Inspection - See VIS-2a	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.	inspection	Within seven days of completing the landscaping	8/1/2020		Not Started	NA	(Ref Only)					SERC	GAL
358	VIS	VIS-2e	COM/OPS	Landscaping Ready for inspection - See VIS-2a	The project owner shall report landscaping maintenance activities, including replacement or dead or dying wegetation, for the previous year of operation in each ACR. The CPM shall have authority to require replacement planting of dead or dying wegetation through the life of the project	Status Report	Annual Compliance Report	12/31/2020		Not Started							SERC	DSR
350	VIS	VIS-3a		Site Lighting, Project Construction and Commissioning- Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of on-site construction areas, and construction worker parking lots, minimizes potential night lighting inpacts. (See Decision VIS-3 for specifications).	The project owner shall notify the CPM that the 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	modifications to the lighting are	Lighting modifications/ corrections, notification to CPM	Within 14 calendar days of receiving notification	Conditional		Not Started	NA	(Ref Only) Conditional					ARB	GAL
361	VIS	VIS-3c	CONS	Complaint Reporting - See VIS-3a	reports and resolution form,	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	compliance report for the project,	complaints and resolution in MCR,	Monthly	Monthly		In Progress		(Ref Only)					SERC	GAL

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2	All Phase	s						6/30/2040				Construction						
4				Revised 4/30/2019		Based on Final S	taff Assessment					Operations						
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to	Date Approved by CBO	Other Agencies to submit to?	Date Submitted	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	VIS	VIS-4a	PC/CONS	project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fattures or apparatus suffi- written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable owner safety regulations, the project	Management Plan simultaneously to the Planning Director of the city of Stanton for review and comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmitted to the city requesting their review of the Lighting Management Plan a Chec DPM shall deem the Lighting Management Plan acceptable to the city of	Plan and transmittal letters to Planning	days before ordering any permanent lighting equipment for	12/3/2018	NA NA	Completed		(Ref Ony) Submit 6/4/2019		City of Stanton	11/26/18	11/27/18	POWER	GAL
363	VIS	VIS-4b		project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CMA, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fatures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited whout the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, instal], and manitani al permanent	comment and the CPM for review and approval. The project owner shall provide the CPM with a copy	transmittal letter submitted to city and	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018	11/26/2018	Completed	11/27/2018	(Ref Only) Submit 6/4/2019					SERC	GAL
365	VIS	VIS-4c	CONS/COM/ OPS	Revised Lighting Plan - See VIS-4a	If the CPM determines that the glan requires revision, the project owner shall provide a plan with the specified revision(s) for review and opport of the revision(s) for review and provided to the Planning Director of the city of starton for review and comment and the CPM from review and approval. No work to implement the plan (e.g., purchasing of fractures) shall begin until final plan approval is received from the CPM.	Revised Lighting Plan	No specific time frame	Conditional		Not started		(Ref Only) Conditional					POWER	GAL
200	VIS	VIS-4d	CONS/COM	Lighting Inspection Ready, Notification - See VIS-4a	The project owner shall notify the CPM that installation of permanent lighting for the project has been completed and that the lighting is ready for inspection.	lighting is ready for	Prior to the start of commercial operation	6/27/2020		Not Started	NA	(Ref Only)					SERC	GAL
367	VIS	VIS-4e	COM/OPS	Changes to Lighting System - See VIS-4a		Changes to the lighting system	30 days after receiving the notification	Conditional		Not Started	NA	(Ref Only) Conditional					SERC	GAL

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5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
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 of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of source of sourc	Notice to CPM	Within 48 hours of receiving a complaint permanent project lighting	Conditional		Not started		(Ref Only) Conditional					SERC	GAL
369	VIS	VIS-4g	COM/OPS	Status Report in ACR - Lighting System - See VIS-4a	Project owner shall report any complaints about permanent lighting and document their resolution in the ACR, accompanied by copies of completed complaint report and resolution forms for that year. The project owner shall not order any exterior lighting until receiving CPM approval of the lighting mitigation plan	Status Report	Annual Compliance Report	12/31/2020		Not Started		(Ref Only)					SERC	DSR
370	VIS	VIS-4h	COM/OPS	Pre-COD Inspection - Lighting System - See VIS-4a	Prior to COD, project owner shall notify CPM that installation of the lighting has been completed and is ready for inspection.	Notification to CPM	Prior to the start of commercial operation	6/27/2020		Not Started	NA	(Ref Only)					SERC	GAL
371	VIS	VIS-4i	COM/OPS	Pre-COD Inspection - Lighting System - See VIS-4a	If after inspection the CPM notifies the project owner that modifications to the lighting are needed, within 30 days of receiving that notification the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection	Notification to CPM	Within in 30 days of receiving notification	Conditional		Not Started	NA	(Ref Only) Conditional					SERC	GAL
372	WASTE	WASTE-10a	CONS/CON	Prior to transportation of solis for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of solis 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/CON	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 5 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit to the	Approval letter/correspondence from Orange County Waste and Recycling	5 days prior to transportation of soils for disposal to Olinda Alpha Landfill	2/13/2019	2/14/2019	Completed	2/22/2019						SERC	GAL
374		WASTE-1a		Landfill from Orange County Waste and Recycling.	At least 45 days prior to any shall earthwork, the project owner shall submit the SMP to the CPM for review and approval.	Soil Management Plan Summary (SMP to be written and provided by NVS)	At least 45 days prior to any earthwork	11/18/2018	10/18/2018	Completed	10/19/2018						JACOBS	GAL
375	WASTE	WASTE-1b	CONS	SMP Summary - See WASTE-1a	An SMP summary shall be submitted to the CPM within 25 days of completion of any earthwork.	Soil Management Plan Summary	Within 25 days of completion of any earthwork	Conditional		Not Started							JACOBS	GAL
376	WASTE	WASTE-2	PC	Professional Engineer/Geologist - Provide the resume of an experienced and qualified Professional Engineer or Professional Geologist, who shall be available for consultation during site characterization (if needed), demolition, excavation and grading activities, to the	At least 30 days prior to the start of site mobilization, submit the resume of the Professional Engineer or Professional Geologist to the CPM for review and	Professional Engineer / Geologist Resume	At least 30 days prior to the start of site mobilization	12/3/2018	11/30/2018	Completed	1/8/2019						JACOBS	GAL

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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
377	WASTE	WASTE-3a		either the proposed site or linear facilities (as evidenced by discoloration, odor, detection by handheid instruments, or other signs), the professional engineer or geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and provide a written report to the project owner, representatives of Department of Toxic Substances Control, and the CPM stating the	within five days of their receipt.	engineer or geologist	Within 5 days of receipt	Conditional	6/12/19 (final NV5 reports on 2 barrels and notification of barrel removal)	Completed	6/12/2019						JACOBS	GAL
378	WASTE	WASTE-3b	CONS	Construction Halt Notification - See WASTE-3a	The project owner shall notify the CPM within 24 hours of any orders issued to halt construction due to contaminated soil.	Notify the CPM	Within 24 hours of orders to halt construction	Conditional		Not started	NA						SERC	GAL
379	WASTE	WASTE-4a	PC	Construction and Demolition Environmental Resources Management Plan - The project owner shall prepare a Construction and Demolitorin (C & Di Environmental Resources Management and Recycling Plan for demolition and construction wastes generated and shall submit a copy of the plan to the Orange County's Public Works/Planning Department for review, and to the CPM for review and approval. See Decision WASTE-4 for specifications.	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 Demolition Environmental Resources Management Plan - The project owner shall prepare a Construction and Demolition (C. 8) Environmental Resources Management and Rexycling Plan for demolition and construction wastes generated and shall submit a copy of the plan to the Orange County's Public Works/Planning Department for review, and to the CPM for review and approval. See Decision WASTE 4 for specifications.	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
381	WASTE	WASTE-4c	CONS	Waste Volumes Reported in MCR - See WASTE-4a	The project owner shall also document in each monthly compliance report (MCR) the actual volume of warks: generated and the waste management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Construction and Demolition Waste Management Plan; and update the Construction and Demolition Waste Management Plan Plan as necessary to address current waste generation management practices.	Waste volumes and waste management wethods in Monthly Compliance Reports	Monthly	Monthly		In Progress							ARB	GAL
202	WASTE	WASTE-5a	PC/CONS	Assesso-Containing Materials - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for assess-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 Cosat Air Cuality Management District Notification of Demolition or Renovation form to the CPM as related to absettos and other materials.	material (ACM) and notify the CPM of the results	Notify CPM of ACM survey results	Prior to demolition of pipelines, buildings, and associated structures	12/6/2018	2/13/2019	Completed	2/22/2019	Asbestos Survey: 2/13/2019 Garage Demo Plan: 2/20/2019	Asbestos Survey: 2/14/2019 Garage Demo Plan: 2/25/2019				AEC	GAL

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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
383		WASTE-50		Abestos-Containing Materials - Prior to demolition of pipelnes, buildings, and asociated dructures, 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 compilet and submit a coupy of a South Coast Air Quality Management District Notification of Demolition or Removiton Form to the CPM as related to asbestos and other materials.	The project owner shall provide the Notification Obemolition or Renovation Form to the CPM for review.	Notification of Demolition or Renovation Form to CPM	No less than 60 days prior to commencement of structure demolition	12/6/2018	2/13/2019	Completed	2/22/2019						AEC	GAL
384	WASTE	WASTE-5c	PC/CONS	Asbestos-Containing Materials - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for absel-to-containing material (ACM) and notify the CPM of the results. In the case of a need to renow such material, the project owner shall complete and submit a copy of a South Coast Air Quality Management District Notification of Beenotion or Renovation Form to the CPM as related to absetos and other materials.	In the case of asbestos removal, the project owner shall inform the CPM, via the Monthly Compliance Report of the date when all ACM is removed from the site.		Monthly Compliance Report	Monthly	2/8/2019	Completed	4/13/2019						SERC	GAL
380	WASTE	WASTE-6		Hazardous Waste Generator ID - The project owner shall report new or temporary hazardous waste generator identification numbers from the United States Environmental Protection Agency prior to generating any hazardous waste during demolition, construction, or operations.	The project owner shall keep a copy of the identification number(s) on file at the project site and provide documentation of the hazardous waste generation and notification and receipt of the number to the CPM in the next scheduled Monthly Compliance Report after receipt of the number. Submittal of the notification and ssued number	Report new or temporary Hazardous waste generator ID numbers in Monthly Compliance Report	Monthly Compliance Report	Monthly		In Progress							SERC	GAL
386	WASTE			Enforcement Action Notification - Upon becoming aware of any impending water management-related enforcement action by any local, stack, or federal authority, the project owner shall notify the CPM of any such action taken, or proposed to be taken, against the projeci tiself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	Induitation and save number The project owner shall notify the CPM in writing within ten days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the way project-related wastes are managed.	Notify CPM	Within 10 days of becoming aware of an impending enforcement action.	Conditional		Not started	NA						SERC	GAL
387	WASTE	WASTE-8a	COM/OPS	Operation Waste Management Plan - The project owner shall prepare an Operation Waste Management Plan for all wastes generated during operation of the facility and shall submit the plan to the CPM for review and approval. See Decision WASTE-8 for specifications.	The project owner shall submit the Operation Waste Management Plan to the CPM for approval.	Operation Waste Management Plan	No less than 30 days prior to the start of project operation	6/2/2020	6/21/2020	In Progress							SERC	DSR
388	WASTE	WASTE-8b	COM/OPS	Revised OWMP - See WASTE-8a	The project owner shall submit any required revisions of the Waste Management Plan to the CPM.	Revised Operation Waste Management Plan	Within 20 days of notification from the CPM that revisions are necessary.	Conditional	6/21/2020	In Progress							SERC	DSR
389	WASTE	WASTE-8c	OPS	OWMP Report in ACR - See WASTE-8a	Project owner shall also document in each ACR the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generated and management	Status Report	Annual Compliance Report	12/31/2020		Not started							SERC	DSR

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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 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	Unauthorised Release Responte - The project owner shall ensure that all pills 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.			Within 48 hours of the date the release was discovered	Conditional	3/1/2019 6/14/2019	Completed	3/7/2019 6/18/2019			-			SERC	GAL
390		WORKER SAFETY-1a	PC	Construction H&S Program - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See Decision WORKER SAFETY-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approad concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittal to the CPM for approval.	The project owner shall submit to the CPM for review and approval a copy of the Project Construction and Safety and Health Program.	Safety Program	At least 30 days prior to start of construction	Conditional 12/3/2018	12/3/2018 3/11/2020 4/6/2020 4/8/2020	Completed	1/29/2019	1/16/19 3/11/2020	2/4/2019 3/13/2020				ARB	GAL
39.2		WORKER SAFETY-1b	PC	Construction H45 Program - Submit to the CPM the Project Construction Safety and Health Program containing the elements lared in this condition (See Decision WORKER SAFETY: 16 separation that Personal Protective Equipment Program, the Exposure Monitoring Program, and the Eviper valid litess. Prevention Program, and the Eviper valid litess. Prevention Program shall be submitted to the CPM for review and approval concerning compations of the program with all applicable safety orders. The Construction frequency, Action Plan and the Fire Prevention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittait to the CPM for approval.	the Orange County Fire Authority	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	1/16/19	2/4/2019	OCFA	12/3/2018 4/6/2020	No response	ARB TTSC	GAL TLB
393	WORKER SAFETY	WORKER SAFETY-2a	COM/OPS	Operations H&S Program - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Stept and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Enregency Action Plan, Fre Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall allo be ubmitted to the Orange County Fire Authority for review and comment.	Project Operations and Maintenance Safety and Health	Maintenance Safety	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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Re 5	chnical 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 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
	ORKER AFETY	WORKER SAFETY-2b	COM/OPS	Operations H&S Program - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFET/2 for specifications). The Operation Nayagement Program, Emergency Action Plan, Fite Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the program, 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 Crange County Fire Authority stating the fire department's timely comments on the Operations Fire Prevention Plan, Fire Protection System Impairment Program, and Emergency Action Plan.	Operations and Maintenance Safety and Health Program w/ comments of OCFA	At least 30 days prior to the start of first- fire or commissioning	3/17/2020	2/25/2020	Completed	5/4/2020						SERC	DSR
		WORKER SAFETY-3a	PC	Construction Safety Supervisor - Provide a site Construction Safety Supervisor (CSS) who is qualified as specified in this condition (See Dedision 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-3b		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
Wi S/	ORKER	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 <b>Decision</b> WORKERSAFETY 3 Verification for specifications)	Health and safety information for MCR	Monthly	Monthly		In Progress		Monthly					ARB	GAL
		WORKER SAFETY-4	PC	Agreement to Fund Safety Monitor - The project owner shall make payments to the Delegate. Chief Building Official (DCB0) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotated between the project owner and the DCB0. Those services shall be addition to other work performed by the DCB0. The Safety Monitor shall be selected from an independent company not affiliated with the DCB0 and report directly to the DCB0 and will be responsible for verying that the Construction Safety Supervisor, as required in Condition of Carification WORED SAFETY- 3, inglement all appropriate Ca/DSAH and Snerry Commission safety requirements. The Safety Monitor shall conduct on site (including linear facilities) safety responsibilities.	proof of its agreement to fund the Safety Monitor services to the	Prod 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-5a	PC	Automatic External Defibilitator - A portable automatic external defibriliator (AED) shall be located on site during demoliton, construction, and operations and a training program shall be implemented, as described in this condition (Bee Dedision WODKER SAFET-S). 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
Wi S/	ORKER AFETY	WORKER SAFETY-5b	PC	Automatic External Defibilitator - 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 (Bee Dedision WOMER SAFET>5). The training program shall be submitted to the CPM for review and approval.	Submit to the CPM a copy of the training and maintenance program for review and approval.	Training Program	At least 30 days prior to the start of site mobilization	12/3/2018 4/1/2020	11/15/2018 4/2/2020	Completed	12/11/2018	1/22/2019 (Ref Only)	1/23/2019				ARB	GAL
Wi S/	ORKER	WORKER SAFETY-6a	PC	Emergency Access Plan - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton site where the specifications of the roadway will comply with the Stanton Municipal Code and the 2016 for lastest elidion Califormia 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
Wi S/	ORKER	WORKER SAFETY-6b	PC	Emergency Access Plan - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton site where the specifications of the roadway will comply with the Stanton Municipal Code and the 2016 for lastest elidion Califormia Fire Code. A secondary access must be maintained to the standards listed above for the life of the project.	to the CPM for review and	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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1				bility Center Compliance Matrix (16	-AFC-01)					,	ĸ	Pre- Construction			N.	<u> </u>		0
2	All Phase							6/30/2040				Construction						
3						Based on Final S						Commissioning						
4	Technical Resource	Cond. #	Phase	Revised 4/30/2019 Description	Verification/Action/Submittal	Based on Final S	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 CBO	Other Agencies to submit to?	Date Submitted	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
403	WORKER SAFETY	WORKER SAFETY-6c	PC/CON	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 Plant hat shows the new proposed location / arrangement for the secondary emergency access road, to the Orange County Fire Authority for review and timely comment	Emergency Access Plan showing the secondary emergency access road	90 days before a change to the secondary access would occur	Conditional	NA	Not started				OCFA			JACOBS	GAL
404	WORKER SAFETY	WORKER SAFETY-6d	PC/CON	Emergency Access Plan, Revised - See WORKERSAFETY- Ga	If a change to the secondary access is proposed by the project owner, the project owner must submit the proposed change, with an updated Emergency Access Plan that shows the new proposed location/arrangement for the secondary emergency access road, to the CPM for review and approval.	Emergency Access Plan showing the secondary emergency access road	91 days before a change to the secondary access would occur	Conditional		Not started							JACOBS	GAL
405	WORKER SAFETY	WORKER SAFETY-7a	PC/CON	Fire Protection System Specifications - The project owner shall adhere to all applicable provisions of the latest version of NPA 850: Recommedde 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 NPA 850 net the state or local LOBS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NPPA 800. The project owner shall provide all fire protections system specifications and drawings to the Orange Courty Pire 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	NĂ	Completed				OCFA OCFA	2/4/2019 11/21/19		POWER	TAT
	WORKER SAFETY	WORKER SAFETY-7b	PC/CON	Fire Protection System Specifications - The project owner shall adhere to all applicable provisions of the latest version of NFA 850; Recommended Practice of 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 NFA 850 recommended provisions and actions stating "should" as "shall" in any situations where both NFA 850 and the state or local LORS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NFPA 850. The project owner shall provide all fine protection system specifications and drawings to the CPM for review and approval	Fire protection system specifications and drawings to the CPM	At least 60 days prior to the start of construction of the fire protection system	12/6/2018	2/6/2019 4/22/2019 12/16/2019	In Progress							Power	GAL
406	WORKER SAFETY	WORKER SAFETY-7c	PC/CON	Fire Protection System Specifications - The project owner shall adhere to all applicable provisions of the latest version of NFA 505. Recommedde Practice Orr Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of the protection. The project owner shall interpret and adhere to all applicable HYPA S50 recommended provisions and actions stating Should' as table. The shall be applicable with HYPA S50 the state. In which we application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NFPA 802. The project owner shall provide all fire protection system specifications and drawings to the DCBO for plan check approval and construction inspection.	Fire protection system specifications and drawings to the DCBO	At least 60 days prior to the start of construction of the fire protection system	7/28/2019	NA	Completed		7-1.0: 2/4/19 7-2.0: 3/29/19 7-3.0: 4/18/19 7-4.0: 4/18/19 7-5.0: 4/18/19 7-6.0: 5/1/19 7-9.0 10/16/19 7-12.0 5/5/20	7-1.0: 5/14/19 7-2.0: 5/15/19 7-3.0: 5/16/19 7-4.0: 7-5.0: 7-6.0: 5/14/19 7-9.0 10/29/19 7-12.0 5/18/20				Power	GAL
405	WORKER SAFETY	WORKER SAFETY-8a	PC/CON	UL SB40 Certification - The project owner shall ensure that the lithium ion battery energy torage system has US thandard for Safety for Energy Storage Systems and Equipment, UL SB40 certification. The project owner shall submit the certification along with the fire protection drawing and specifications for the SS to the Orange County Fire Authorhy for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authorhy to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide UL 9540 design certification for the ESS or a copy of the contract with UL (or authorized UL agent) to perform a field certification during construction of the ESS to obtain UL 9540 certification to the CPM	design certification for the ESS, or copy of the contract with UL to	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	Stanto	n Energ	y Reliab	ility Center Compliance Matrix (16	-AFC-01)							Pre- Construction						
	All Phase							6/30/2040				Construction						
3						Based on Final C						Commissioning						
4	Technical Resource	Cond. #	Phase	Revised 4/30/2019 Description	Verification/Action/Submittal	Submittal	Staff 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	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
409	WORKER SAFETY	WORKER SAFETY- 8a.1	PC	UL 9540 Certification - The project owner shall ensure that the lithium battery energy storage system sas Lu Standard for Safery for Intergy 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 Grange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide UL 9540 design certification for the ESS or a copy of the contract with UL (or authorized UL agent) to perform a field certification during construction of the ESS to obtain UL 9540 certification to the CPM	certification for the ESS, or copy of the contract with UL to perform field	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	SAFETY-8b	PC	that the filthium ion battery energy storage system has UL standar for 5rafe yor to renegy Storage System and Equipment, UL 9540 certification. The project owner shall submit the certification and put with the fire protection drawings and specifications for the ESS to the drange Courtly 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 lithium ion ESS located on site.	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	Completed				OCFA	4/20/2020 4/29/2020		SERC	GAL
411	WORKER SAFETY	WORKER SAFETY- 8b.1	PC/CONS	UL 9540 Certification - The project owner shall ensure that the lithium battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authonity for review and comment and to the CPM for review and approval. The project owner shall also caliborate with the Orange County Fire Authonity to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide the complete SS for 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	In Progress							SERC	GAL
412	SAFETY	WORKER SAFETY- 8b.2		UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL standar (of shelly for brengy storage system has Equipment, UL 9540 certification. The project owner shall submit the certification andre with the fire protection drawings and specifications for the ESS to the Grange Courty Fre Authority for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to resist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	the complete ESS fire protection drawings and specifications to the CBO for reference only.	ESS to the CBO.	At least 60 days prior to the start of construction of the BESS	10/3/2019	NA	Completed		(Ref only) 4/20/2020	4/30/2020				SERC	GAL
413	WORKER SAFETY	WORKER SAFETY- 8c.1	PC/CONS	U 950 Certification - The project owner shall ensure that the lithium ion battery energy storage system has US standard for Safety for Energy Storage System has Equipment, UL 9500 certification. The project owner shall submit the certification andre with the fire protection drawings and specifications for the ESS to the Grange Courty Fre Authority for review and approval. The project owner shall also collaborate with the Orange County Fire Authority for with the Grange Courty information of the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall submit a copy of letter from UL stating that the design drawings for the ESS have been reviewed and meet UL 9340 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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	Stanto	n Energy	/ Reliahi	lity Center Compliance Matrix (16	-ΔFC-01)							Pre- Construction						
	All Phase		nenubi	ity center compliance matrix (10	Ai C 01/			6/30/2040				Construction						
3	- All T Hube	.9										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 Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
414	WORKER SAFETY	WORKER SAFETY- 8c.2		UL 9540 Certification - The project owner shall ensure that the lithlium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the 0 range County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	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		to the start of construction of the BESS	11/1/2019	NA	Completed		(Ref only)			UL		SERC	GAL
415	WORKER SAFETY	WORKER SAFETY-8e	CONS	Letter to OCFA - See WORKERSAFETY-8a	copy of a letter sent from the project owner to the OCFA offering collaboration and	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	5/16/2020	6/5/2020	In Progress							SERC	GAL
416	WORKER SAFETY	WORKER SAFETY- 8e.1	CONS	Letter to OCFA - See WORKERSAFETY-8a	copy of a letter sent from the project owner to the OCFA offering collaboration and		At least 60 days prior to commissioning of BESS	5/16/2020	NA	Completed		(Ref only) 6/23/2020		OCFA	1/9/2020 6/5/2020		SERC	GAL
417	WORKER SAFETY	WORKER SAFETY-8f	CONS	Final UL Certification of ESS - See WORKERSAFETY-8a	The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CPM	Final UL Certificaction of ESS to CPM.	Prior to the start of BESS commissioning	7/15/2020		Not Started							SERC	GAL
3.7	WORKER SAFETY	WORKER SAFETY-8f.1	CONS	Final UL Certification of ESS - See WORKERSAFETY-8a	The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CBO.	of ESS to CBO for	Prior to the start of BESS commissioning	7/15/2020	NA	inde Statica		(Ref only)					SERC	GAL
418										Not started								

Attachment 3 – Air Quality

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Subject	Stanton Energy Reliability Center (16-AFC-1C) Air Quality Monthly Compliance Report June 2020
Project Name	Stanton Energy Reliability Center (SERC) (16-AFC-1C)
Attention	Tim Bofman, SERC, LLC
From	Hong Zhuang, Jacobs SERC CEC Designated Air Quality Construction Mitigation Manager
Date	July 6, 2020
Copies to	Mike Malsy, Wellhead John Kimble, Wellhead Sharon Stureman, SERC, LLC Doug Davy, Jacobs Karen Parker, Jacobs

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

### **AQ-SC3 Construction Fugitive Dust Control**

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

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

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



### **Table 1. Fugitive Dust Control Measures**

AQ-SC3

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

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

## **AQ-SC4 Dust Plume Response Requirement**

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



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

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

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

## **AQ-SC5 Diesel-Fueled Engine Control**

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

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

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

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



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

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

AQCMM or Delegate name:

AQCMM or Delegate signature:

6/1/2020 Date:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:41:48

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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

ADDITIONAL NOTES:

AQCMM or Delegate name:

AQCMM or Delegate signature:

Date: \_\_\_\_\_6/2/2020

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:42:43

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b> <b>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b> <b>(Form SERC-CAQ-003).</b>	N	

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

ADDITIONAL NOTES:

AQCMM or Delegate name:

AQCMM or Delegate signature:

Date:

6/3/2020

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:45:52 -07'00'

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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

ADDITIONAL NOTES:

AQCMM or Delegate name:

AQCMM or Delegate signature:

Date:

6/4/2020

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:46:23

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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

ADDITIONAL NOTES:

## (16-AFC-01C)

AQCMM or Delegate name:

AQCMM or Delegate signature:

Date:

6/5/2020

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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ADDITIONAL NOTES:

Form: SERC-CAQ-001

## Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:46:50 -07'00'

Mike Malsy

AQCMM or Delegate name:

AQCMM or Delegate signature:

6/6/2020 Date:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:47:19 -07'00'

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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

ADDITIONAL NOTES:

AQCMM or Delegate name:

AQCMM or Delegate signature:

Date: \_\_\_\_\_\_6/8/2020

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:47:52 -07'00'

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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

ADDITIONAL NOTES:

Form: SERC-CAQ-001

### Form: SEPC CAO

AQCMM or Delegate name:

AQCMM or Delegate signature:

Date:

6/9/2020

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:48:23

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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

ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Date: 2020.06.24 07:48:55

AQCMM or Delegate signature:

6/10/2020 Date:

d and/or in progress Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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ADDITIONAL NOTES:

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:49:48

AQCMM or Delegate signature:

Date: 6/11/2020

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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

ADDITIONAL NOTES:

Form: SERC-CAQ-001

## (16-AFC-0

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:50:21

AQCMM or Delegate signature:

Date: \_\_\_\_\_6/12/2020

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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ADDITIONAL NOTES:

AQCMM or Delegate name:

AQCMM or Delegate signature:

6/13/2020 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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ADDITIONAL NOTES:

Form: SERC-CAQ-001

Mike Malsy Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:50:42

AQCMM or Delegate name:

Mike Malsy

Digitally signed by Michael Malsy Date: 2020.06.24 07:51:32 -07'00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_6/15/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b> <b>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b> <b>(Form SERC-CAQ-003).</b>	N	

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

ADDITIONAL NOTES:

AQCMM or Delegate name:

AQCMM or Delegate signature:

6/16/2020 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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ADDITIONAL NOTES:

Form: SERC-CAQ-001

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:52:26

Mike Malsy

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:53:12 -07'00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_\_6/17/2020

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:54.08

AQCMM or Delegate signature:

Date: \_\_\_\_\_6/18/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b> <b>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b> <b>(Form SERC-CAQ-003).</b>	N	

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Jate: 2020.06.24 07:54:37 -0700

AQCMM or Delegate signature:

Date: \_\_\_\_\_6/19/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b> <b>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b> <b>(Form SERC-CAQ-003).</b>	N	

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

ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Digitally signed by Michael Malsy Date: 2020.06.24 07:55:14 -07'00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_6/20/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b> <b>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b> <b>(Form SERC-CAQ-003).</b>	N	

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

ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Digitally signed by Michael Malsy Date: 2020.06.24 07:55:39 -07'00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_6/21/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b> <b>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b> <b>(Form SERC-CAQ-003).</b>	N	

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.06.24 07:56:05

AQCMM or Delegate signature:

Date: \_\_\_\_\_6/22/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b> <b>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b> <b>(Form SERC-CAQ-003).</b>	N	

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

ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Digitally signed by Michael Malsy Date: 2020.06.24 07:56:50 -07'00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_6/23/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b> <b>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b> <b>(Form SERC-CAQ-003).</b>	N	

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ADDITIONAL NOTES:

## (16-AFC-01C)

AQCMM or Delegate name:

AQCMM or Delegate signature:

6/24/2020 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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ADDITIONAL NOTES:

Form: SERC-CAQ-001

## Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project

Mike Malsy Michael Malsy Digitally signed by Michael Malsy Date: 2020.07.08 14:26:02 -07'00'

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Jate: 2020.07.08 14:26:27 -0700

AQCMM or Delegate signature:

Date: \_\_\_\_\_6/25/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b> <b>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b> <b>(Form SERC-CAQ-003).</b>	N	

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

ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.07.08 14:27:03

AQCMM or Delegate signature:

6/26/2020 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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ADDITIONAL NOTES:

AQCMM or Delegate name:

AQCMM or Delegate signature:

6/27/2020 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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ADDITIONAL NOTES:

Form: SERC-CAQ-001

Mike Malsy Michael Malsy Digitally signed by Michael Malsy Date: 2020.07.08 14:27:31

## (16-AFC-01C)

AQCMM or Delegate name:

AQCMM or Delegate signature:

6/28/2020 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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ADDITIONAL NOTES:

Form: SERC-CAQ-001

## Air Quality Construction Mitigation Plan for the Stanton Energy Reliability Center Project

Michael Malsy Digitally signed by Michael Malsy Date: 2020.07.08 14:32:13

Mike Malsy

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2020.07.08 14:32:37

AQCMM or Delegate signature:

Date: \_\_\_\_\_6/29/2020

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Y	
Are unpaved exits graveled or treated to prevent track-out?	Y	
Are equipment and vehicles using designated onsite roads?	Y	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Y	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	Y	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Y	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of freeboard prior to leaving the project site?	Y	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust</b> <b>plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b> <b>(Form SERC-CAQ-003).</b>	N	

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

ADDITIONAL NOTES:

AQCMM or Delegate name:

AQCMM or Delegate signature:

6/30/2020 Date:

Response Construction Fugitive Dust Control (AQ-SC3) Checklist Item (yes/no) If no, describe corrective action required and/or in progress Are all unpaved roads and disturbed areas watered as frequently as necessary? Υ Are speed limit signs posted at the main entrances? Υ 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? 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 Υ as needed?\* Υ Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with Υ dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of Υ 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? Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet Ν 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).

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ADDITIONAL NOTES:

Form: SERC-CAQ-001

Mike Malsy Michael Malsy Digitally signed by Michael Malsy Date: 2020.07.08 14:33:06 -07'00'

Month/Year					Operator Signature	Comments
06/2	020	Sweeping A	rea (Check if	swept)		
Date	Time	Onsite	Pacific	Fern		
06-1	9:00/1:45	1	$\checkmark$	$\sim$	Gabriel Espinoza	
06-2	11:30/2:45	- /	1	VI	Gabriel ESpinroza	
06-3	8:30/1:00	1	/	V,	Gabriel Espinoza	
06-4	10:00/2:15	V	1	1	Gubriel Espinoza	
06-05	645/1:30	/	/	11	Gabriel Estimoza	
06-06	9:15/2:00	V	/	/	Gubriel Espinoza	
06-07	1			/		offsite
06-08	10:00/1:00	1	1	1	Gabriel Espinoza	
dr-09	11:30/2:31		/	1	Gabriel Espinoza	
10e-10	9:00 11:00	$\vee$	1	1	Gabriel Espinioza	
06/17	8:15/2:30	V,	1	1	Gabriel Espinoza	
06/12	16:00/1.30		/	11	Gubriel Espinoza	
06/13	8:30/2:0	· /	/	V	Gabriel Espinola	
06/14						offsite
06/15	9:00/1:45	- /	/	V	Gubriel Espinooza	
26/16	8:30/1.00	V	V	14	Gabriel Espinoza	
06/17	8:00/1:45	1V	$\checkmark$	V	Gabriel ESPINOZA	
06/18	8:00 /	V	1		GaBRIEL ESPINOZA	
06/19	8.00	V		1	GABRIEL ESPINOZA	
OGTO	- 8:00	1-1			GABRIEZ ESPINOZA	

Month/Yea	r	Sweeping /	Area (Check i	f swept)	Operator Signature	Comments				
Date	Time	Onsite	Pacific	Fern	2					
06/2/	Sice	8			OFFSITE	NO OPERATOR				
08/22	800/3:00	1			GABRIEL ESPINOZA					
06/23	0800/2:00	1	: b		GABRIEL ESPINOZA					
66124	0700	1	14		GABRIEZ ESPINOZA					
06125	0800	V		1	GABRIEZ ESPINOZA					
06/24	6700	V			GABRIEL ESPINOZA					
06127	0 700	V			GABRIEL ESPINOZA					
06/28	0700	1	L		OFFSITE					
06129	0800	V		_	GABRIEL ESPINOZA					
06/30	0700	1			GARRIEL ESPINOZA					
	-									
				-						
		2	-	-						
			-	-						
			-							
_		-	-	-						
			-							
	-									
		1.1.1.1	-	5						
		-		1.0						

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

				Equipment															
<u>Date</u> Arrived	<u>Date</u> <u>Removed</u>	CARB ID 6 digit	SERC ID	Manufacturer	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>Tie</u>	<u>Engine Certification on File</u>	Compliance Tag	Notes
		<u>(EIN)</u>						425									015 0000		
2/4/2019	5/1/2020	VC6G63	SERC_001	Xtreme	XR1255 Forklift DCA70SSIU4F -	2016	XR1255031693102	ARB	N/A	FPT Industrial S.P.A	FFPXK03.4FSD	854E-E34TA	3.4	2015	JU82679-L025417	122 T4		Green tag issued 02/04/2019	EO not available. Tier 4 verified based
2/20/2019	3/21/2019	NA	SERC_002	Multiquip	Generator	2015	NA	United Rentals D+S BACKHOE	ARB	lsuzu	JCEXL04.5AAJ	BR-4JJ1x	2.9	2015	74402993	95.2 T4		Green tag issued 02/19/2019	in engine specs.
2/20/2019	10/2/2019	BX3T54	SERC_003	CASE	580 SN - BackHoe	2014	JJ6N585NLECT05659	SERVICE	N/A	FPT INDUSTRIAL	EFPX034DD	FSHFL4ADD	207 CU IN	2014	215914	97 T4	u-r-015-0283	Green tag issued 02/19/2019	
		WC8Y33	SERC_004	Komatsu	PC490LC-11 Excavator	2016	A41491	Lalonde	Ortiz	Komatsu	GKLXL11.0DDC	SAA6D125E-7	11	2016	861305	362 T4	u-r-005-0424	Green tag issued 02/19/2019	
2/20/2019	4/25/2019	UG9N98	SERC_005	CAT	Cat 966M wheel loader	2014	KJP000570	Ortiz	Ortiz	CAT	ECPYL09.3HTF	C9.3	9.3	2014	SYE01292	303 41	u-r-001-0479	Green tag issued 02/27/2019	on EPA NRCI data
2/20/2019	5/20/2019	YS5A98	SERC_006	САТ	56S - 84" roller	2014	L8H00587	Ortiz	Ortiz	САТ	DPKXL04.4Ml1	C4.4	NA	2013	C7N11131	156.9 4	NA	Green tag issued 02/27/2019	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 4	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 41	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 4	u-r-022-0176-1	Green Tag issued on 3/7/2019	
3/12/2019	3/18/2019	RG5N99	 SERC_013	САТ	966K Wheel Loader	2011	TFS00270	Ortiz	Ortiz	САТ	BCPXL09.3HPA	C9.3	9.3	2011	MME03431	274 4		Green Tag issued on 3/15/2019	
3/20/2019	3/25/2019	YJ4K66	SERC_014	JLG	Forklift - 54'	2011	160057617	Sunstate	ARB	Cummins	DCEXL04.5AAE	QSB\$.5	4.5	2014	73617640	130 4		Green Tag issued on 3/22/2019	while SERC ID: SERC_012 is offsite for
3/21/2019	8/30/2019	KT3V94	SERC_015																ropairs
				Genie	Forklift - Varialbe Reach	2014	BR2596	United Rentals	Newtron	Deutz	EDZXL02.9020	TD2.9L4	2.9	2014	11731188	74 4	u-r-013-0472-1	Green Tag issued on 3/22/2019	
3/22/2019	11/10/2019	SF7A56	SERC_016	САТ	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125 4	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 41	u-r-015-0322	Green Tag Issued 5/14/2019	
5/22/2019	9/23/2019	NG3U86	SERC_023	САТ	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	FJDXL04.5212	4045HT072	4.52	2016	PE4045R108158	70 4	ARB EO not available. Verified		
										Systems							using EPA data.		
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	Removed from on date green tag was
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	issued.
8/7/2019	12/27/2019	VT6H48	SERC_027	Xtreme Manufacturing	XR2045 Forklift	2018	XR2045-11-18039329	Ellis	ARB	Deutz AG	HDZXL03.6060	TCD 3.6 L4	3.621	2017	12103041	134 4	u-r-013-0536	Green Tag Issued 8/13/2019	Removed from Site 8/27/2019. Green
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 4	u-r-002-0006-1	Blue Tag Issued 8/14/2019	tag not issued
8/27/2019	12/11/2019	RV7M68	SERC_29	JCB	507-42	2016	2435467	United Rentals	Newtron	JCB Power Systems	GJCBL04.4TA5	444TA4-55L1	4.4	2016	SL320/40925U0865716	74 4	u-r-049-0042	Green Tag Issued 9/5/2019	
8/28/2019	12/17/2019	LR7P73	SERC_30	JLG	60' Boom Lift	2018	10755669	United Rentals	Newtron	Deutz Corp	JDZXL02.9020	TD 2.9 L4	2.9	2018	12147294	67 4	u-r-013-0553	Green Tag Issued 9/5/2019	
9/2/2019	11/21/2019	TX5P83	SERC_31	Manitowoc	Manitowoc 999	2002	9991103	Maxim Crane Works	ARB	Cummins	2CEXL0661AAF	QSM11	11	2008	35055789	350 2	u-r-002-0144	Green Tag Issued 9/5/2019	Tier relief requested. CEC received notification from Hong Zhuang (AQCMM) on 9/3/2019.
9/10/2019	5/1/2020	HN6U33	SERC_032	JLG	6042 T4F 6K Reach Forklift	2016	160073851	United Rentals	Newtron	Cummns	FCEXL03.8AAA	QSF3.8	3.8	2015	89276073	89 4	U-R-002-0620	Green Tag Issued 9/12/2019	
9/13/2019	9/18/2019	166565	SERC_033	Catapillar	XQ200 Generator	2014	CAT00C71KMRP00571	Quinn Power	MSTS	Catapillar	DPKXL7.01BL1	C7.1	7.01	2014	E7B00723	4	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	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		JLG	Articulating Boom Lift 860SJ	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	САТ	85' Boom lift 308E2	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	7, 20, 2020	כנויאט	JEINC_030		Excavator	2014	17301004	AND	AIND	Kusola	LNDALUJ.JENU	C3.5D	3.3	2014	0112303	4	u-1-023-0014	Green rag issuen 11/21/2019	

## SERC Offroad Diesel Equipment Inventory June 2020

				SERC Offroad Diesel Equipment Inventory June 2020																
Date	Data	CARB ID				Equi	pment					Engine	Displacement	+	1	Diesel				
<u>Date</u> <u>Arrived</u>	<u>Date</u> <u>Removed</u>	<u>6 digit</u> (EIN)	SERC ID	<u>Manufacturer</u>	Model/Description	<u>Model Year</u>	<u>Serial Number</u>	<u>Owner</u>	<u>Renter</u>	<u>Manufacturer</u>	Engine Family	Engine Model	Displacement (L)	Model Year	<u>Serial Number</u>	<u>Diesel</u> (hp)	<u>Tier</u>	Engine Certification on File	Compliance Tag	Notes
11/4/2019	3/5/2020	XM8N56	SERC_039	JLG	Boom Lift	2016	300216443	SunState	ARB	DeutZ	GDZXL02.9020	TD2.9L4	2.92	2016	11867769	67	4	u-r-013-0506	Green Tag issued 11/21/2019	
11/19/2019	12/2/2019	JX4T34	SERC_040	CAT	259D Skid Steer loader	2019	FTL20141	Quinn Heavy Rents	ARB	Kubota	JKBXL03.3EKD	C3.3B	3.33	2018	8JQ3031	73	4	u-r-025-0786	Green Tag issued 11/21/2019	
11/20/2019	2/21/2020	SX6J96	SERC_041	JLG	800AJ Boom Lift	2018	10790746	United Rentals	ARB	Deutz	JDZXL02.9020	TD2.94L4	2.9	2018	12165591	67	4	u-r-013-0553	Green Tag issued 11/21/2019	Transfer Renter from Newtron to ARE 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 Rough Terrain Forklift	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	259D Skid Steer loader	2019	FTL20141	Quinn Heavy Rents	ARB	Kubota	JKBXL03.3EKD	C3.3B	3.33	2018	8JQ3031	73	4	u-r-025-0786	Green Tag issued 12/17/2019	Formerly SERC_040
12/13/2019	1/29/2020	DC5H96	SERC_048	JLG	G10-55A 55' Forklift	2017	160079607	Sunbelt Rentals	Alcorn Fence	Cummins	GCEXL03.8AAA	QSF3.8	3.8	2016	89880083	130	4	U-R-002-0640-1	Green Tag issued 12/17/2019	
12/17/2019	3/11/2020	EK5E78	SERC_049	JLG	1255	2017	10613792	United Rentals	Newtron	Cummins	HCEXL03.8AAA	QSF3.8	3.8	2017	89919032	130	4	U-R-002-0645	Green Tag issued 12/23/2019	
12/27/2019	5/22/2020	EY7H78	SERC_050	JLG	1255 Rough Terrain Forklift	2018	0160084318	ARB	ARB	Cummins	HCEXL03.8AAA	QSF3.8	3.8	2017	89962974	130	4	u-r-002-0645	Green Tag issued 01/06/2020	
12/30/2019	1/29/2020	BJ8F34	SERC_051	Bobcat	Bobcat S630 Skid Steer Loader	2017	AHGL13302	Sunstate Rentals	Alcorn Fence	Doosan	GDICL2.4LEA	D24	2.94	2016	6087495	74	4	u-r-019-0141	Green Tag issued 01/06/2020	
12/31/2019	1/9/2020	VX6X86	SERC_052	Genie	GTH-55195K Reach Fork	2015	10429013	United Rentals	Newtron	Deutz	FDZXL02.9020	TD2.9L4	2.9	2015	11780111	74	4	u-r-013-0496	Green Tag issued 01/06/2020	
1/8/2020	3/3/2020	184549	SERC_053	Cummins	A054C907 Portable Generator	2019	F190589172	United Rentals	ARB	Cummins	KCEXL08.9AAL	QSL9-G9	8.9	2019	74510962	323	4	u-r-002-0697	Green Tag issued 01/15/2020	
3/16/2020	not used	FR8E44	SERC_054	Hitachi	Excavator ZX210LC-5N	2014		PCI	PCI	Isuzu Motors Limited	DSZXL05.2MXA	AM-4HK1X	5.2	2013	4HK1-708365	174	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	Раре	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	Onsite	TW9K96	SERC_065	JLG	G518A 5K Forklift	2018	160086948	Sunstate	TTSC	Deutz AG	HDZXL02.9020	TD2.9L4	2.925	2017	12134505	74	4	U·R-013·0527	Green Tag issued 5/4/2020	
5/1/2020	5/7/2020	TV8Y87	SERC_066	Grove	RT890E Crane	2015	235214	Reliable Construction	Madd Steel	Cummins	FCEXL06.7AAK	QSB6.71	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	Services, LLC 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	САТ	Skidsteer/Loader Cat 232	2015	58366-21	Cole Equipment Co	Alcorn Fence	САТ	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	Раре	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	Раре	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 Forklift 15K	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	<u>1664</u> 1255	2019	NA	United Rentals	TTSC	Deutz AG	KDZXL03.6060	TCD3.6L4	3.6	2019	22363815	134 56	4	U-R-013-0578	Verified Tier 4. No tag issued	Delayed data collection
6/12/2020	6/23/2020	КТ9Х58	SERC_078	JLG	12K Forklift	2019	NA	United Rentals	TTSC	Cummins	KCEXXL03.8AAA	QSF3.8	3.8	2019	22363815	56	4	U-R-002-0689	Verified Tier 4. No tag issued	Delayed data collection

### SERC Offroad Diesel Equipment Inventory June 2020

						Equip	oment			Engine									
<u>Date</u> <u>Arrived</u>	<u>Date</u> <u>Removed</u>	<u>CARB ID</u> <u>6 digit</u> <u>(EIN)</u>	<u>SERC ID</u>	<u>Manufacturer</u>	Model/Description	<u>Model Year</u>	<u>Serial Number</u>	<u>Owner</u>	<u>Renter</u>	<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>
6/12/2020	6/22/2020	KU6J94	SERC_079	Skyjack	ZB2044 20K Forklift	2017	85800128	Sunstate	TTSC	Cummins	HCEXL03.8AAA	QSB4.5C	4.5	2017	74090386	168 4	U-R-002-0649	Verified Tier 4. No tag issued	Delayed data collection
6/10/2020	6/23/2020	CA7B63	SERC_080	SkyTrak	8042	2017	160082312	Sunstate	TTSC	Cummins	HCEXL03.8AAC	QSF3.8	3.8	2017	89927663	74 4	U-R-002-0647	Verified Tier 4. No tag issued	Delayed data collection
6/10/2020	6/23/2020	TE5J55	SERC_081	SkyTrak	8042L	2016	160076971	Sunstate	TTSC	Cummins	QCEXL03.8AAA	QSF3.8	3.8	2016	89835415	89 4	U-R-002-0640-1	Verified Tier 4. No tag issued	Delayed data collection
6/24/2020	6/29/2020	WV6G36	SERC_082	John Deere	310SK	2014	1T0310SKVEE263742	Boer	TTSC	Cummins	EJDXL04.5211	4045HT073	4.5	2014	PE4045HT073	96 41	U-R-004-0482	Verified Tier 4. No tag issued	Delayed data collection

## SERC Offroad Diesel Equipment Inventory June 2020



July 9, 2020

Mr. Tim Bofman SERC – Stanton Energy Reliability Center

RE: 500 Ton Crane

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

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

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

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

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

Sincerely,

Nathen Howard

TTS Construction Corporation

www.ttsconstruction.com

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

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/01/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: \_\_\_\_\_06/02/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: \_\_\_\_\_06/03/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/04/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/05/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/06/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Ν	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?	Ν	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/08/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/09/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/10/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/11/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/12/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: \_\_\_\_\_06/13/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Ν	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?	Ν	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/15/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/16/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Ν	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?	Ν	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: \_\_\_\_\_06/17/2020

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?	Ν	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/18/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: \_\_\_\_\_06/19/2020

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?	Ν	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: \_\_\_\_\_06/202020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/21/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Ν	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?	Ν	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/22/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Ν	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?	Ν	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: \_\_\_\_\_06/23/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/24/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/25/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/26/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/27/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Ν	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?	Ν	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/28/2020

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	Ν	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?	Ν	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: \_\_\_\_\_06/29/2020

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Mal

Date: 06/30/2020

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

ADDITIONAL NOTES:

BOER BACKHOE, INC.

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

July 2, 2020

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

Project Compliance Attn: Tim Bofman

**RE:** Maintenance and Inspection of Equipment

Dear Mr. Bofman:

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

Respectfully,

Sherry & Bow

President Sherry L. Boer

# <u>BOER BACKHOE, INC.</u>

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



July 1, 2020

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

Subject: Monthly Inspection and Maintenance of Equipment

Dear Mr. Bofman:

We are confirming that for the previous month 06/2020, TTSC performs inspections and maintenance at the required regularly scheduled intervals. See the attached AQCMP Equipment Log.

CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	<u>Model</u> <u>Year</u>
RX6V57	SERC_060	JLG	JLG 8042/Reachlift 8K	2013
TW9K96	SERC_065	JLG	Reachlift 5K	2018
WX6G44	SERC_069	Bobcat	Bobcat s630/Skidsteer	2016
YW6L68	SERC_071	HYSTER	15K FORKLIFT	2018
XS3U35	SERC_072	JLG	JLG8042/Reachlift 8K	2015
RD6V74	SERC_073	Hyster	H210/forklift 21k	2016
SM6N87	SERC_074	JLG	Knuckle Boom	2015
179923	SERC_076	Cummins	C150D2RE-Generator	2018
UY8589	SERC_077	JLG	JLG1644/Reachlift 15K	2020
КТ9Х58	SERC_078	JLG	JLG1255/Reachlift 12K	2019
KU6J94	SERC_079	Skyjack	ZZB2044/Reachlift 20K	2017
CA7B63	SERC_080	JLG	JLG 8042/Reachlift 8K	2017
TE5J55	SERC_081	JLG	JLG8042/Reachlift 8K	2016

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

Sincerely,

Nathen Howard Construction Manager



### Monthly Inspection and Maintenance of Equipment

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

**TTS** Construction

June 2020

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

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

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

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

Sincerely, Preddie Gomez Operations & Service Manager 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 June 2020
То:	Tim Bofman, SERC, LLC
From:	Ava Edens, Jacobs SERC CEC Designated Biologist
Date:	July 6, 2020
Copies:	Sharon Stureman, SERC, LLC Doug Davy, Jacobs Karen Parker, Jacobs

### 1. Introduction

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

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

### 2. Monitoring Summary

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

During the June 2020 reporting period biological monitoring was conducted on the SERC site five times per week. Active Nest Notifications along with Wildlife Observation Forms are provided in Appendix A.

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

### 2.1 Activities Monitored

SERC construction activities were monitored daily from June 1 through June 30, 2020 (Monday-Friday). Locations monitored included the SERC site (western and eastern parcels), Southern California Edison Laydown Yards (western and eastern), and construction laydown, parking, and staging areas on portions of 10680 Fern Avenue and 8322-A Standustrial Street.

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

### 2.2 Nesting Birds

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

- A mourning dove (*Zenaida macroura*) nest was identified on April 12, 2020 in the eastern SERC parcel. The nest was located at approximately 33.8067461 latitude and -117.9852721 longitude. The nest was on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2, approximately 10 feet above the ground. The biological monitor observed that the nest successfully fledged. The nest was determined to be no longer active on June 15, 2020.
- A mourning dove nest was identified on May 18, 2020 in the eastern SERC parcel. The nest was
  located at approximately 33.80684896 latitude and -117.98636900 longitude. The nest was on an
  overhead wire rack, approximately 20 feet above the ground. The rack is located at the
  intersection of the two access roads on the eastern parcel and contains energized high voltage
  lines. The nest was determined to be no longer active on June 10, 2020.
- A mourning dove nest was identified on May 27, 2020 in the western SERC parcel. The nest was located at approximately 33.80674033 latitude and -117.98714119 longitude. The nest was under the awning on the northeast corner of the RO system, approximately 12 feet above the ground. The biological monitor observed that the nest successfully fledged. The nest was determined to be no longer active on June 16, 2020.
- A mourning dove nest was identified on June 15, 2020 in the eastern SERC parcel. The nest was located at approximately 33.8069017 latitude and -117.99847568 longitude. The nest was in a trash dumpster enclosure near the Dale Avenue entrance. This nest was active through the end of the June 2020 reporting period.
- A mourning dove nest was identified on June 17, 2020 in the western SERC parcel. The nest was located at approximately 33.8067094 latitude and -117.9872168 longitude. The nest was under the awning on the southwest corner of the RO system, approximately 12 feet above the ground. This nest was active through the end of the June 2020 reporting period.

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

### 2.3 Special-Status Species

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

#### 2.4 Wildlife Injuries and Mortalities

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

#### 2.5 Hazardous Material Spills

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

### 2.6 Non-Compliance Report

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

### 3. WEAP Training

On-site staff received WEAP training prior to starting work on site. A total of 110 persons completed the SERC WEAP training in June 2020. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix D.

Appendix A Active Nest Notifications and Wildlife Observations Forms

From:	Edens, Ava/SCO		
То:	<u>Heiser, John@Energy;</u> Valand, Andrew@Wildlife; Christine_Medak@fws.gov		
Cc:	Tim Bofman; Mike Malsy; Parker, Karen/SAC		
Subject:	Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)		
Date:	Monday, June 15, 2020 10:28:00 PM		
Attachments:	2020-06-15 SERC WildlifeObservationReport MODO.pdf		

Dear John,

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

A no-disturbance buffer zone has been established around the trash dumpster enclosure, which has one open side. The buffer takes into consideration existing visual barriers and allows for continued use of the Dale Avenue entrance to the site. The buffer excludes entry into the trash enclosure. See attached Wildlife Observation Form for details.

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

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

Thank you, Ava

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

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

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

Date and Time		Observer	Observer's Employer
June 15, 2020		Cara Snellen	Jacobs
Location of Observation (incl	ude time spotted ar	nd coordinates if possible)	
			e in the SERC Eastern Parcel, approximately 12 feet
above ground. Coordinates:	33.8069017, -117		
Wildlife Species Name		Condition of Wildlife (alive/dealers	ad, size, age, weight, etc.)
Mourning dove ( <i>Zenaida mo</i>	ıcroura)	Live	
Cause of Injury or Mortality a	nd time of death (If	f unknown, enter "unknown")	
N/A			
Current Location of Animal			
Stanton Energy Reliability Co	enter (SERC)		
	·	ng Impacted by Project or Othe	r Site Activities?
	N/A		
If Yes, Explain			
Additional Comments		^)	
-			beam ledge in the southeast corner of the trash
		•	ted where the supporting vertical corner post ging off the beam ledge and an adult mourning dove
	0 0	0	(outside of the enclosure). Neither adult was
<b>u</b>			ly 10 feet above the ground and is partially
	-		sure walls. Given the height of the nest and the
<i>i</i>	, 0		determined. No work is anticipated near the nest
			lude foot traffic and work inside Unit 1, located
	-		nt of the trash enclosure opening, which is
			It entry. The walls of the enclosure form a barrier to
the east, south, and west			
1			

Photo 1					
	• 143°SE	(T) (C) 33°48	SE S SW 150 180 210 3'25"N, 117°59'5"W ±16ft ▲ 75ft 5'2442-010 15 Jun 2020, 09:26:31		
Location	SERC – Western Parcel	Description	Closeup of active mourning dove nest (MODO East #6) located in the trash enclosure near the Dale Avenue entrance in the East parcel, facing southeast. An adult was observed sitting in incubation position on nesting material. This nest was not present during the last monitoring visit on June 15, 2020.		
Photo 2					
		120	St S SW		
	© 138°SE	(T)	3'25"N, 117°59'4"W ±16ft ▲ 86ft		
			15 Jun 2020, 09:41:14		
Location	SERC – Eastern Parcel	Description	The new MODO East #6 nest is located on the upper beam in the southeast back corner of the trash enclosure, facing southeast. The nest location is approximately 10 feet above the ground and is partially concealed by the vertical post, the beam ledge, and surrounding trash enclosure walls.		

Photo 3			
	e 152°SE	SE (T) • 33°48	15 180 210 240 525"N, 117°59'4"W ±16ft ▲ 93ft 16 Jun 2020. 09:38:44
Location	SERC – Eastern Parcel	Description	Overview of the nest located in the trash enclosure near the Dale Avenue entrance in the East parcel (MODO East #6), facing southeast. Construction activities near the nest included foot traffic and work inside Unit 1, located approximately 75 feet away. A no- disturbance buffer was established in front of the trash enclosure opening, which is approximately 10 feet north of the nest, with flagging and signage to prevent entry. The walls of the enclosure form a barrier to the east, south, and west.

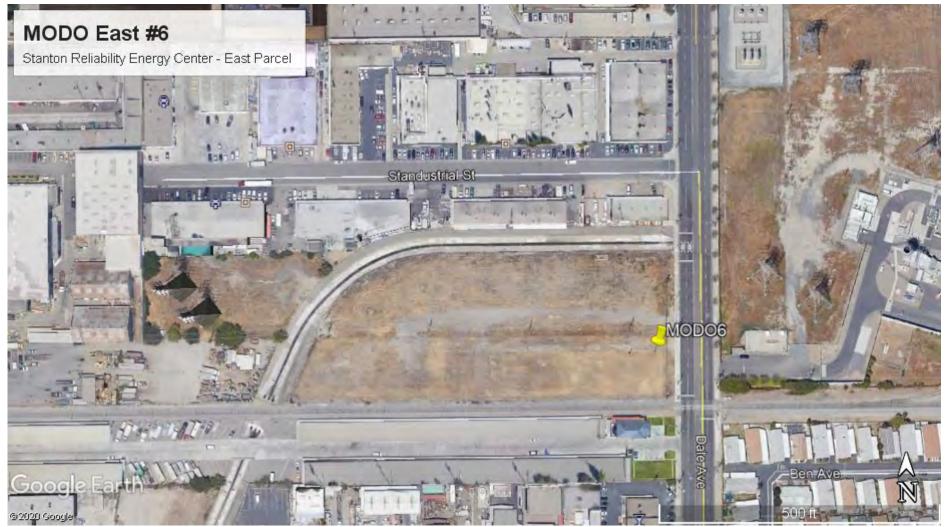


Figure 1. Google Earth image of SERC mourning dove nest location (indicated by yellow pin). The nest is located on the upper beam ledge in the southeast corner of the trash enclosure near the Dale Avenue entrance in the SERC Eastern Parcel, approximately 10 feet above the ground. The vertical post, beam ledge, and surrounding trash enclosure walls provide a visual buffer. No work is anticipated near the nest for the duration of the project. Coordinates: 33.8069017, -117.9847568.

From:	Edens, Ava/SCO
То:	Heiser, John@Energy; Valand, Andrew@Wildlife; Christine_Medak@fws.gov
Cc:	<u>Tim Bofman; Mike Malsy; Parker, Karen/SAC</u>
Subject:	Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)
Date:	Thursday, June 18, 2020 10:29:00 PM
Attachments:	2020-06-17 SERC WildlifeObservationReport MODO.pdf

Dear John,

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

Existing visual barriers are present at the nest site and the nest could not be accessed to confirm the presence of eggs but is presumed active. A no-disturbance buffer zone has been established around the posts below the nest with flagging and signage. See attached Wildlife Observation Form for details.

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

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

Thank you, Ava

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

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

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

Date and Time		Observer	Observer's Employer
June 17, 2020		Cara Snellen	Jacobs
Location of Observation (inclu	de time spotted an	nd coordinates if possible)	
			est awning corner) near eastern boundary of the
	kimately 12 feet a	above ground. Coordinates: 33	
Wildlife Species Name		Condition of Wildlife (alive/de	ad, size, age, weight, etc.)
Mourning dove ( <i>Zenaida ma</i>	<i>croura</i> ) nest	Live	
Cause of Injury or Mortality a	nd time of death (I	f unknown, enter "unknown")	
N/A			
Current Location of Animal			
Stanton Energy Reliability Ce	enter (SERC)		
		ng Impacted by Project or Othe	er Site Activities?
Yes No X	N/A		
If Yes, Explain			
Additional Comments			
	st (MODO West #	t7) was observed on a beam lee	dge under the southwest corner of the RO system
-			l corner post connects with the beam ledge. The
<b>J</b>			t mourning dove sitting in incubation position. A
			adult was disturbed by the presence of the biologist
			above the ground and is partially concealed by the
			frastructure. Given the height of the nest and the
presence of an incubating ac	dult, the presence	e/number of eggs could not be	determined. Construction activities in the area
included the foot traffic and	the cable pull alc	ong the rack connecting BESS a	nd the GSU in the East parcel. However,
construction activities are vi	sually buffered by	y the large RO tank to the nortl	h and the surrounding RO awning infrastructure. In
addition, no work will be cor	nducted near the	nest until the BESS is complete	e and the RO system is connected (estimate 1
			e main vertical post and adjacent pipes/posts with
		-	flagged area was limited due to the presence of the
0 / /		,	st be accessible, a cone was placed directly north of
,	ual extension of t	the buffer. With the cone incor	porated, the buffer is approximately 5x5 feet in
size.			

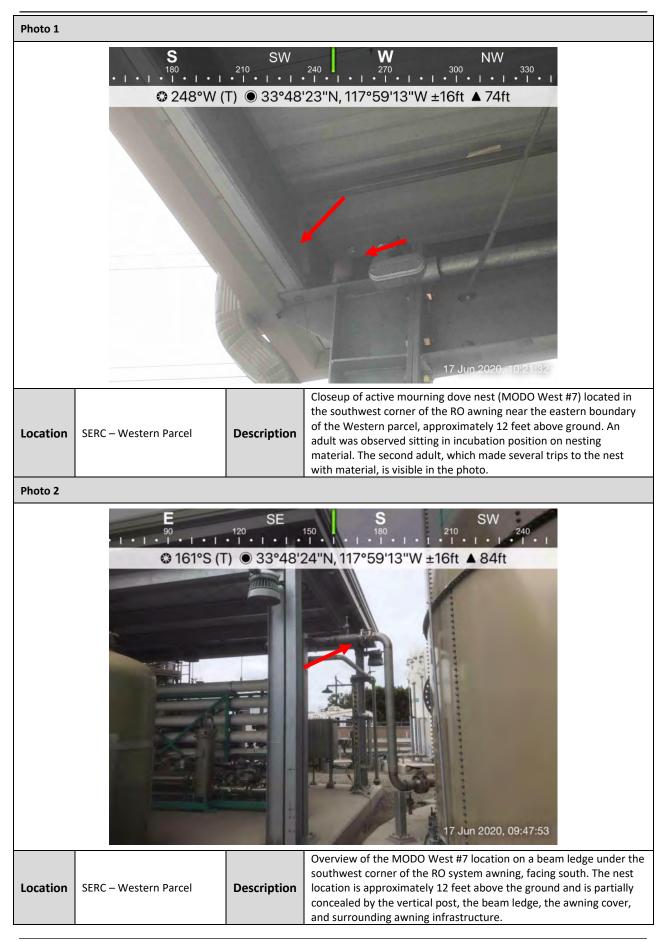


Photo 3						
	60 120 120 150 160 210 220 220 220 145°SE (T) © 33°48'24"N, 117°59'13"W ±16ft ▲ 77ft					
Location	SERC – Western Parcel	Description	Overview of the MODO West #7 no-disturbance nest buffer, facing southeast. Flagging was placed around the main vertical post and adjacent pipes/posts with signage, incorporating existing infrastructure as necessary. The flagged area was limited due to the presence of the emergency eyewash station below the nest site. As the eyewash station must be accessible, a cone was placed directly north of the eye wash station as a visual extension of the buffer. With the cone incorporated, the buffer is approximately 5x5 feet in size.			

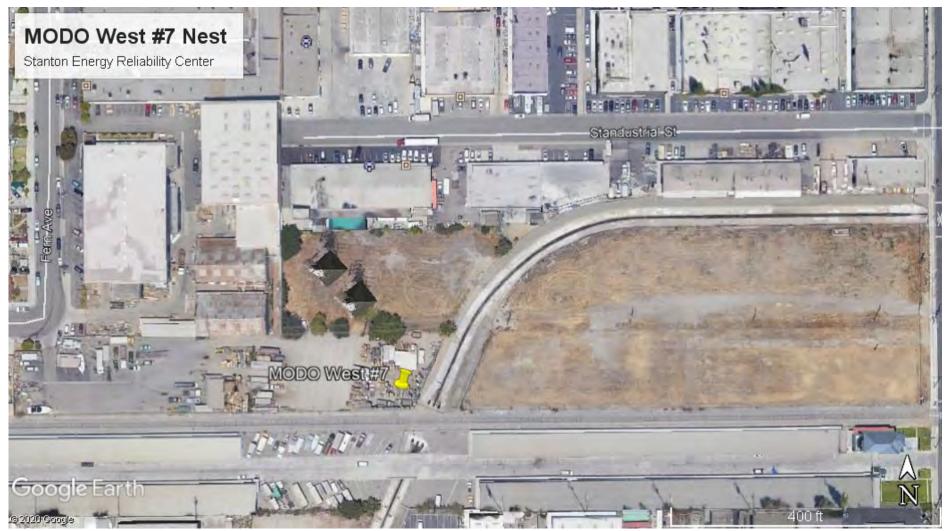


Figure 1. Google Earth image of SERC mourning dove nest location (indicated by yellow pin). The nest is located on the beam ledge under the southwest corner of the RO system awning near the eastern boundary of the SERC Western Parcel, approximately 12 feet above the ground. The beam ledge, vertical post, and surrounding awning infrastructure provide a visual buffer. In addition, the area is closely surrounded by the large RO tank and other SERC infrastructure, effectively screening the nest from Project noise and activity (although not shown in Google Earth image). Coordinates: 33.8067094, -117.9872168.

Appendix B Biological Resources Compliance Monitoring Logs

Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG						
Date		Monitor				Time (Begin-End)
June 1, 2020		Cara Snellen			0830-0930	
Temperature (°F)	Wind (mph)		Precipitation amount	Visibility	Weather Comment	
70-73	2-5		0.0 in.	Good (10 mi.)	Mostly clear and sunny	
Location(s) of Work Site Activities Monitored						

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

- MODO nest #1 in Eastern Parcel (air compressor awning) Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-east) Active mourning dove nest located on a metal plate that connects a vertical beam to the lowest overhead wire rack (15 kV cable tray) near the point where the cable tray turns downward east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage.
- MODO nest #5 in Western Parcel (RO system awning) –Active mourning dove nest located on a beam ledge under the northeast corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and two posts supporting overhead pipes with flagging and signage.
- HOSP nest (#7) in Parcel B Active house sparrow (*Passer domesticus*: HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- HOSP nest (#3) east of Parcel C Active house sparrow nest located inside wire insulator directly west of a utility
  pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West laydown Yard.
  The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under
  provisions of the MBTA.

#### SERC Site:

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

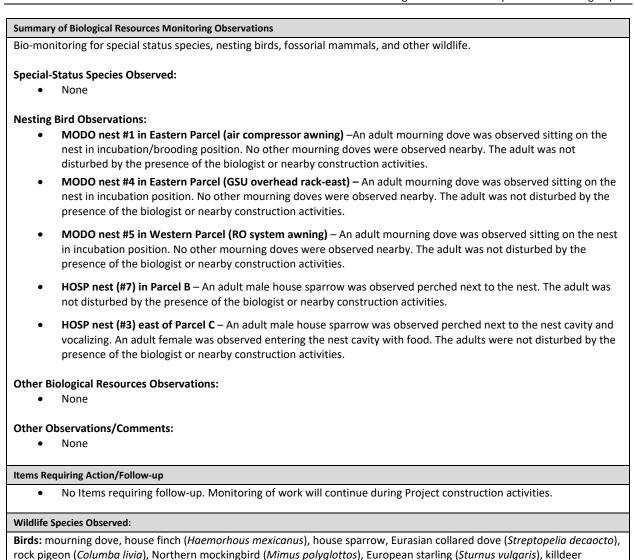
**Eastern Parcel** – Ongoing activities included above-ground BESS infrastructure construction; material fabrication; fence installation; movement of materials and equipment; foot/vehicle traffic.

West Laydown Yard – Ongoing activities included foot traffic.

#### SERC Amendment Area:

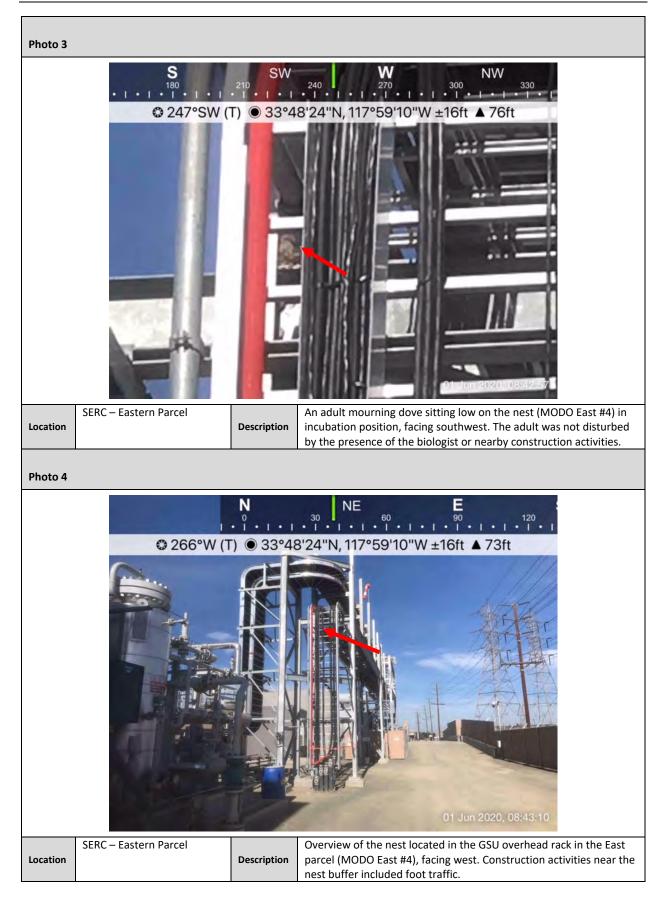
**Parcel B** –SERC construction activities during material inventory/movement in warehouses B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

Parcel C – Ongoing activities included parking; foot traffic.

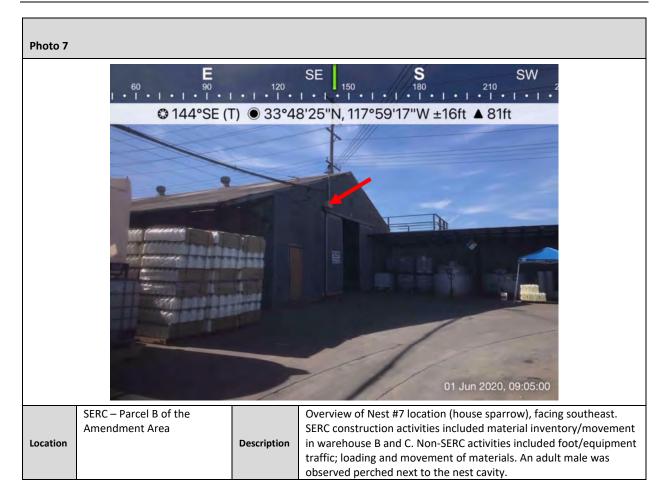


(Charadrius vociferus)









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

Date		Monitor Time			Time (Begin-End)	
June 2, 2020		Cara Snellen			0830-1030	
Temperature (°F)	Wind		Precipitation amount	Visibility	We	eather Comment
70-73	1	L-2	0.00 in.	Good (10 mi.)		Partly cloudy

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

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

### SERC Site:

**Western Parcel** – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; material fabrication/modification; movement of materials/equipment.

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

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

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

Gas Pipeline – No SERC-related activities.

Church Parking Lot – No SERC-related activities.

### SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

**Parcel B** – Activities included material inventory/movement at warehouses B and C; foot traffic. Non-SERC activities included movement of materials; foot traffic.

Parcel C – Activities included parking; foot traffic.

### Summary of Biological Resources Monitoring Observations

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

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

• None

### **Nesting Bird Observations:**

- **MODO nest #1 in Eastern Parcel (air compressor awning)** An adult mourning dove (*Zenaida macroura*; MODO) was observed sitting on the nest in incubation/brooding position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or by nearby construction activities.
- HOSP nest (#7) in Parcel B An adult male house sparrow (*Passer domesticus*: HOSP) was observed perched near the nest and vocalizing. The nest is presumed still active. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- HOSP nest (#3) east of Parcel C An adult male was perched next to the nest and vocalizing while an adult female entered the nest cavity. The nest is presumed to be in the feeding chicks stage. The adults were not disturbed by the presence of the biologist or by nearby activities. House sparrows are introduced species not protected under provisions of the MBTA.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-east) An adult mourning dove was observed sitting on the
  nest in incubation position. No other mourning doves were observed nearby. The adult was not disturbed by the
  presence of the biologist or by nearby construction activities.
- MODO nest #5 in Western Parcel (RO system awning) An adult mourning dove was observed sitting on the nest. An egg shell fragment was observed on the ground below the nest. The egg (s) has presumably hatched and the

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

## **Other Biological Resources Observations:**

• None

### **Other Observations/Comments:**

• None

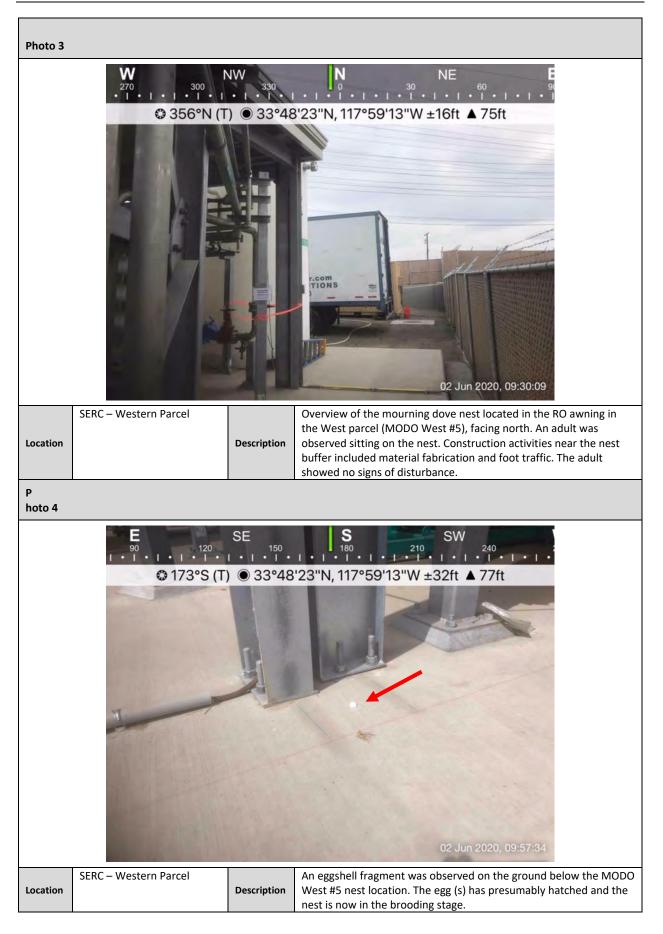
### Items Requiring Action/Follow-up

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

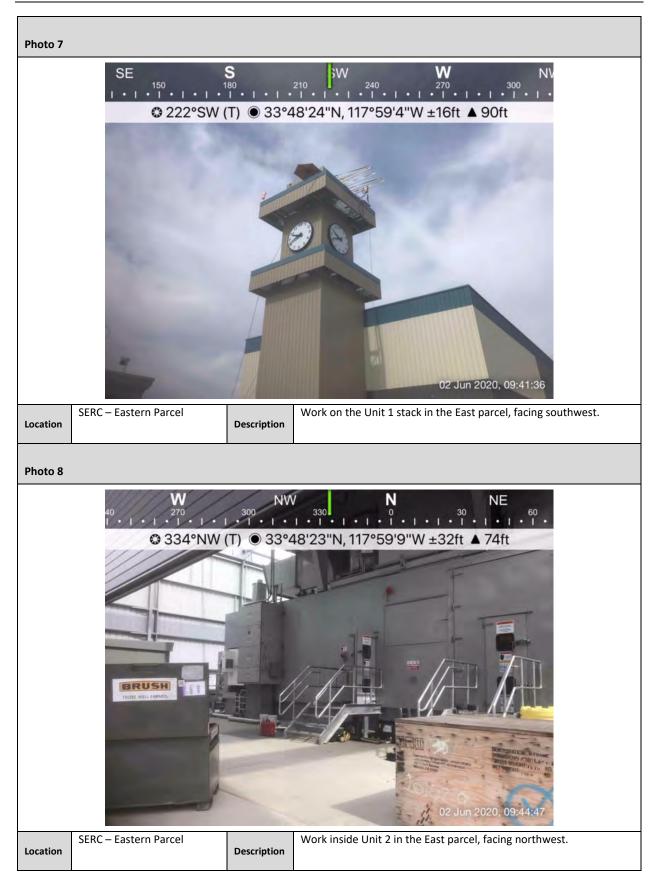
#### Wildlife Species Observed:

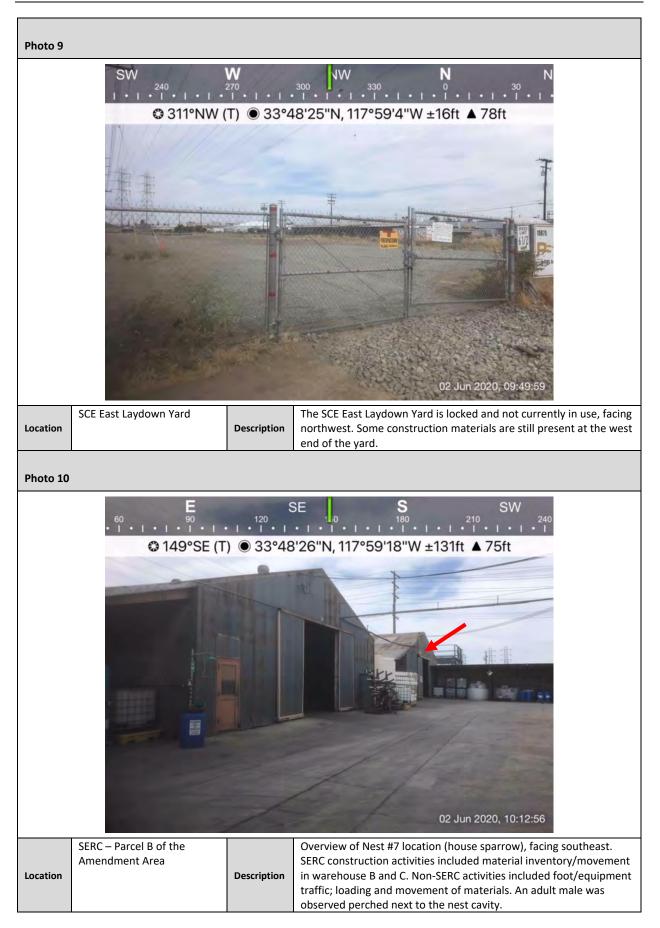
**Birds:** mourning dove, house sparrow, Northern mockingbird (*Mimus polyglottos*), house finch (*Haemorhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), European starling (*Sturnus vulgaris*), Cassin's kingbird (*Tyrannus vociferans*), common raven (*Corvus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











Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG							
Date		Monitor				Time (Begin-End)	
June 3, 2020			Cara Snellen			0900-1000	
Temperature (°F) Win		d (mph)	Precipitation amount	Visibility	We	eather Comment	
78-81 3-5 0.0 in. Good (10 mi.) Clear						ear and sunny	
Location(s) of Work Site Activities Monitored							

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

- **MODO nest #1 in Eastern Parcel (air compressor awning)** Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-east) Active mourning dove nest located on a metal plate that connects a vertical beam to the lowest overhead wire rack (15 kV cable tray) near the point where the cable tray turns downward east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage.
- MODO nest #5 in Western Parcel (RO system awning) –Active mourning dove nest located on a beam ledge under the northeast corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and two posts supporting overhead pipes with flagging and signage.
- HOSP nest (#7) in Parcel B Active house sparrow (*Passer domesticus*: HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- HOSP nest (#3) east of Parcel C Active house sparrow nest located inside wire insulator directly west of a utility
  pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West Laydown Yard.
  The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under
  provisions of the MBTA.

## SERC Site:

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

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

West Laydown Yard – Ongoing activities included foot traffic.

## SERC Amendment Area:

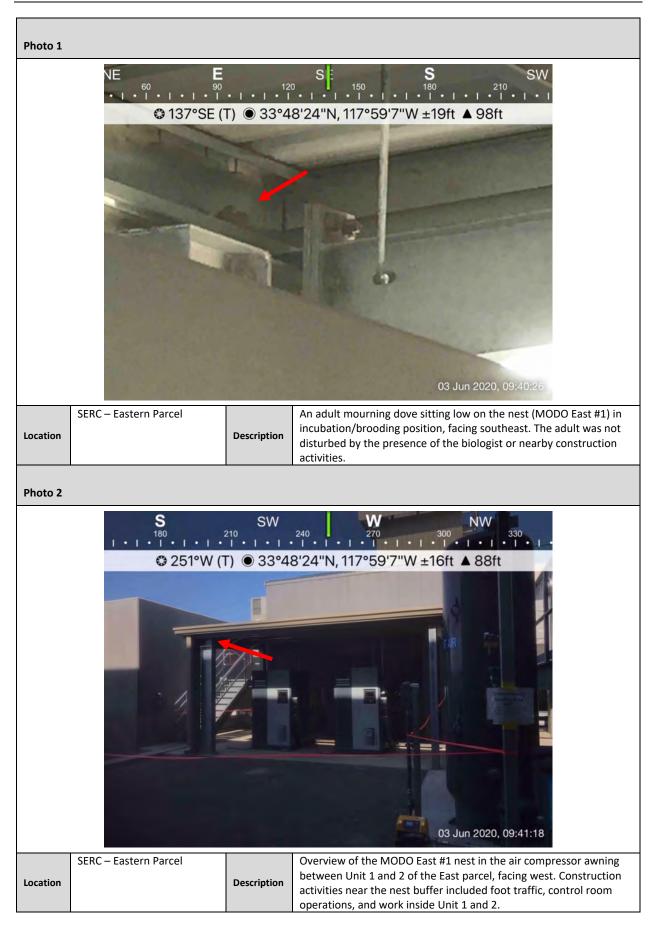
**Parcel B** –SERC construction activities during material inventory/movement in warehouses B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

Parcel C – Ongoing activities included parking; foot traffic.

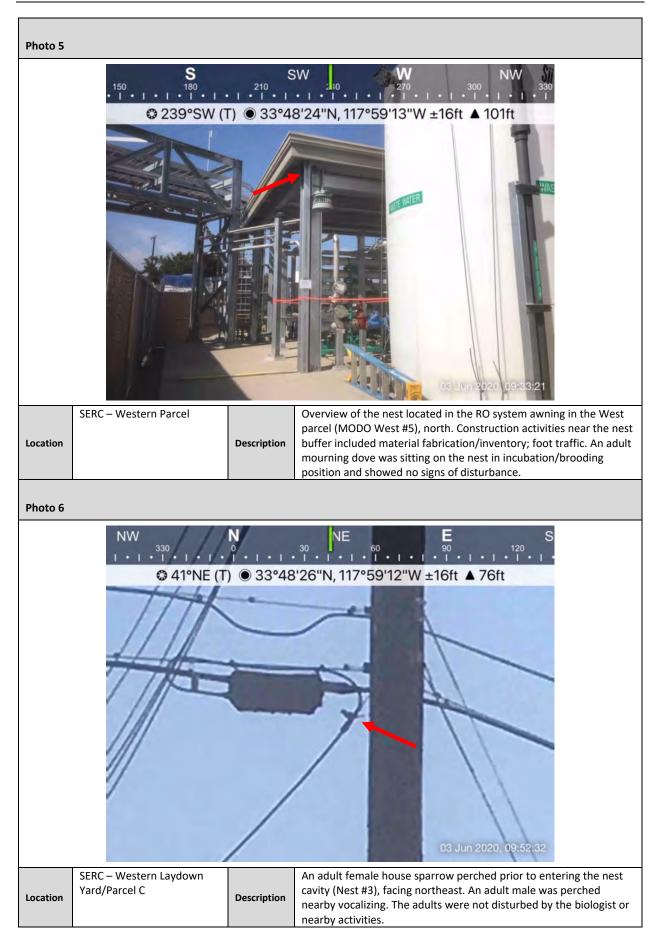
Summar	y of Biological Resources Monitoring Observations
Bio-moi	nitoring for special status species, nesting birds, fossorial mammals, and other wildlife.
Special-	Status Species Observed:
٠	None
Nesting	Bird Observations:
•	<b>MODO nest #1 in Eastern Parcel (air compressor awning)</b> –An adult mourning dove was observed sitting on the nest in incubation/brooding position. A second adult was perched nearby and the pair switched places on the new during the observation period. The adults were not disturbed by the presence of the biologist or nearby construction activities.
•	<b>MODO nest #4 in Eastern Parcel (GSU overhead rack-east)</b> – An adult mourning dove was observed sitting on th nest in incubation position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities.
•	<b>MODO nest #5 in Western Parcel (RO system awning)</b> – An adult mourning dove was observed sitting on the ne in incubation/brooding position. No other mourning doves were observed nearby. The adult was not disturbed b the presence of the biologist or nearby construction activities.
•	<b>HOSP nest (#7) in Parcel B</b> – An adult male house sparrow was observed perched next to the nest. An adult fema entered/exited the nest cavity during the observation period. The adults were not disturbed by the presence of the biologist or nearby construction activities.
•	<b>HOSP nest (#3) east of Parcel C</b> – An adult male house sparrow was observed exiting the nest cavity and briefly perching nearby before leaving the area. The adult was not disturbed by the presence of the biologist or nearby construction activities.
Other B	iological Resources Observations:
•	None
Other C	bservations/Comments:
٠	None
toms Ro	quiring Action/Follow-up
•	No Items requiring follow-up. Monitoring of work will continue during Project construction activities.

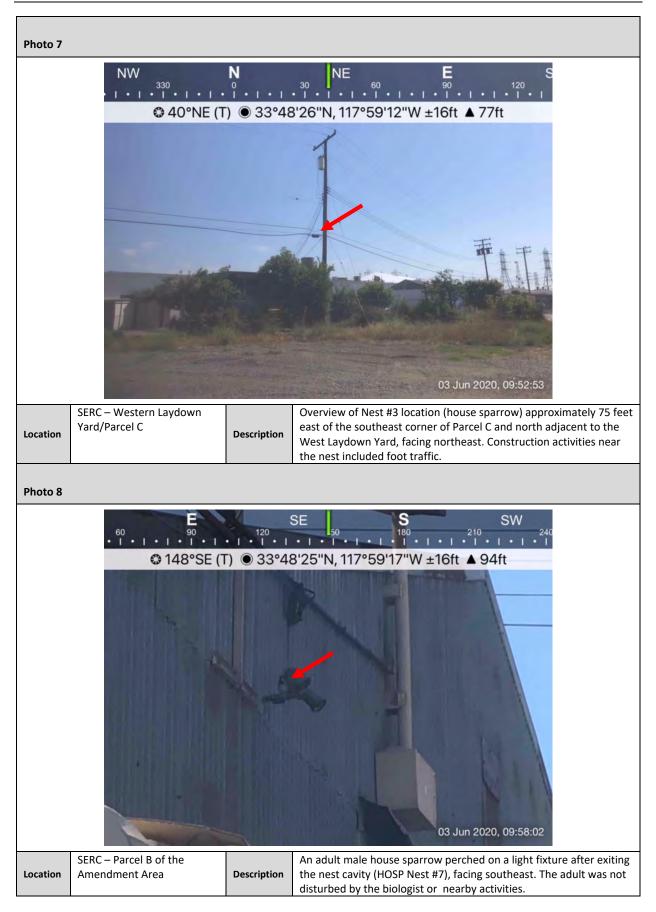
Wildlife Species Observed:

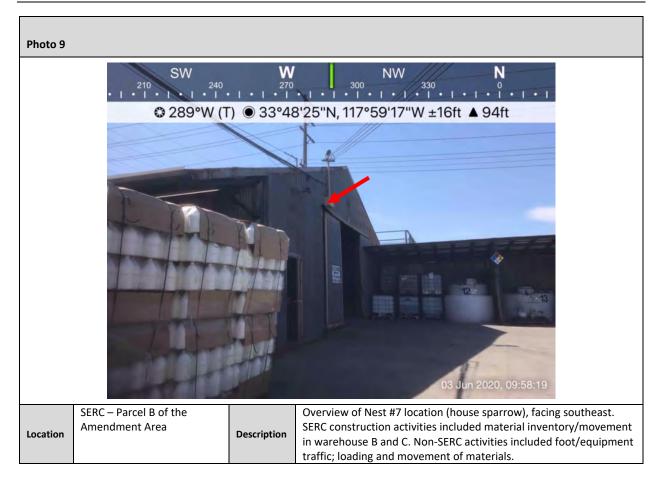
Birds: mourning dove, house finch (Haemorhous mexicanus), house sparrow, Eurasian collared dove (Streptopelia decaocto), rock pigeon (Columba livia), Northern mockingbird (Mimus polyglottos), European starling (Sturnus vulgaris), killdeer (Charadrius vociferus) Allen's hummingbird (Selasphorus sasin), common raven (Corvus corax), red-tailed hawk (Buteo jamaicensis)











Stanton Energy Reliability Center (SERC)								
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG								
Date		Monitor				Time (Begin-End)		
June 4, 202	0	Cara Snellen			0930-1030			
Temperature (°F)	· Win		Precipitation amount	Visibility	We	eather Comment		
68-70 3-5 0.0 in. Good (10 mi.) Cloudy/c						oudy/overcast		
Location(s) of Work Site Activities Monitored								

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

- MODO nest #1 in Eastern Parcel (air compressor awning) Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-east) Active mourning dove nest located on a metal plate that connects a vertical beam to the lowest overhead wire rack (15 kV cable tray) near the point where the cable tray turns downward east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage.
- MODO nest #5 in Western Parcel (RO system awning) –Active mourning dove nest located on a beam ledge under the northeast corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and two posts supporting overhead pipes with flagging and signage.
- HOSP nest (#7) in Parcel B Active house sparrow (*Passer domesticus*: HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- HOSP nest (#3) east of Parcel C Active house sparrow nest located inside wire insulator directly west of a utility
  pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West Laydown Yard.
  The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under
  provisions of the MBTA.

## SERC Site:

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

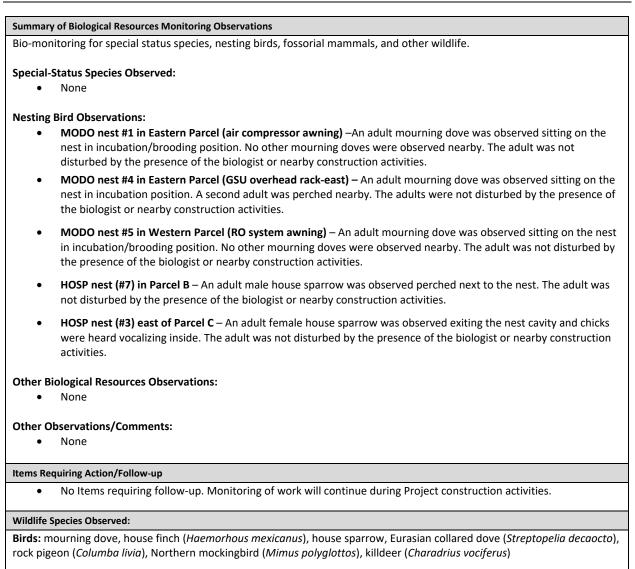
**Eastern Parcel** – Ongoing activities included above-ground BESS infrastructure construction; material fabrication/inventory; movement of materials and equipment; foot/vehicle traffic.

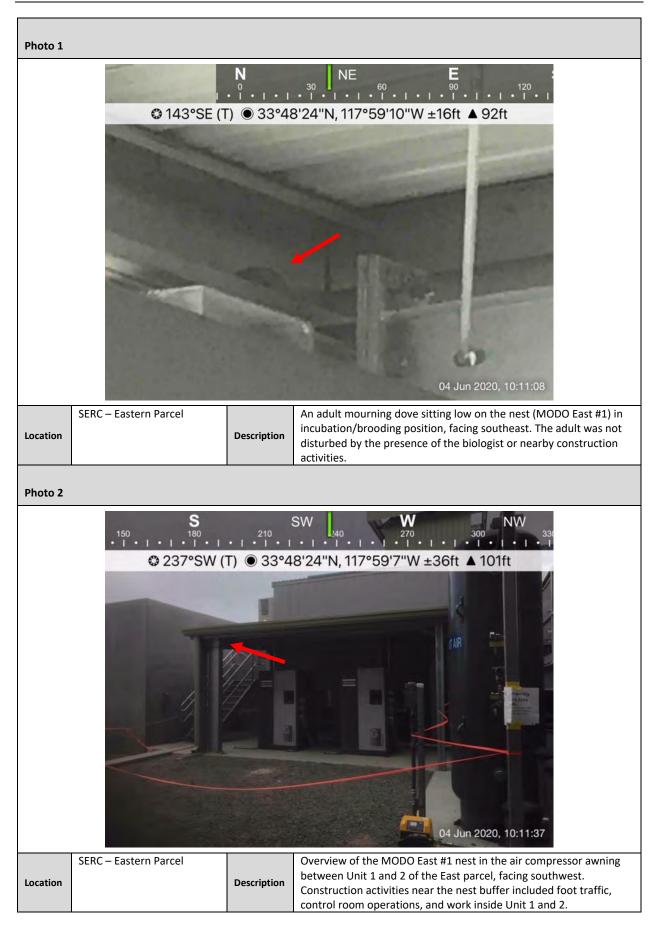
West Laydown Yard – Ongoing activities included foot traffic.

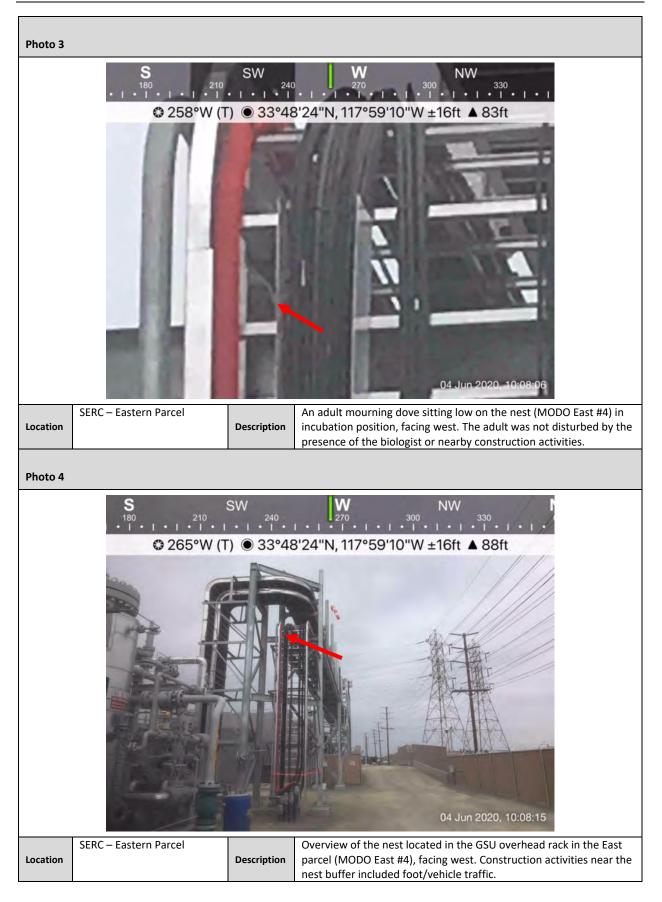
## SERC Amendment Area:

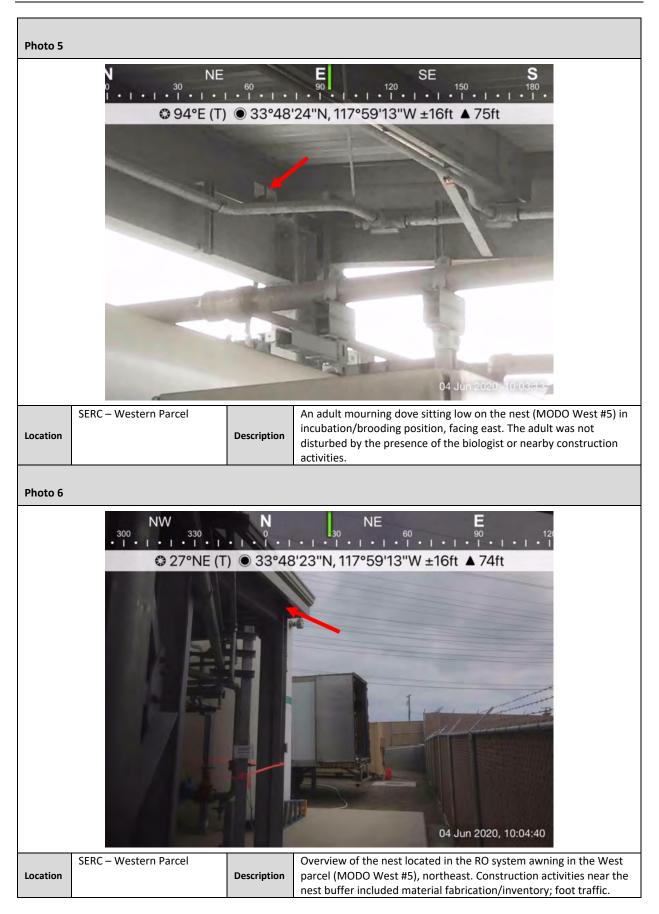
**Parcel B** –SERC construction activities during material inventory/movement in warehouses B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials.

Parcel C – Ongoing activities included parking; foot traffic.











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

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

## Location(s) of Work Site Activities Monitored

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

### SERC Site:

**Western Parcel** – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; material fabrication/modification/inventory; movement of materials/equipment.

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

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

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

Gas Pipeline – No SERC-related activities.

Church Parking Lot – No SERC-related activities.

SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

**Parcel B** – Activities included material inventory/movement at warehouses B and C; foot traffic. Non-SERC activities included movement of materials; foot traffic.

Parcel C – Activities included parking; foot traffic.

### Summary of Biological Resources Monitoring Observations

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

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

• None

### **Nesting Bird Observations:**

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

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

### **Other Biological Resources Observations:**

None

## Other Observations/Comments:

None

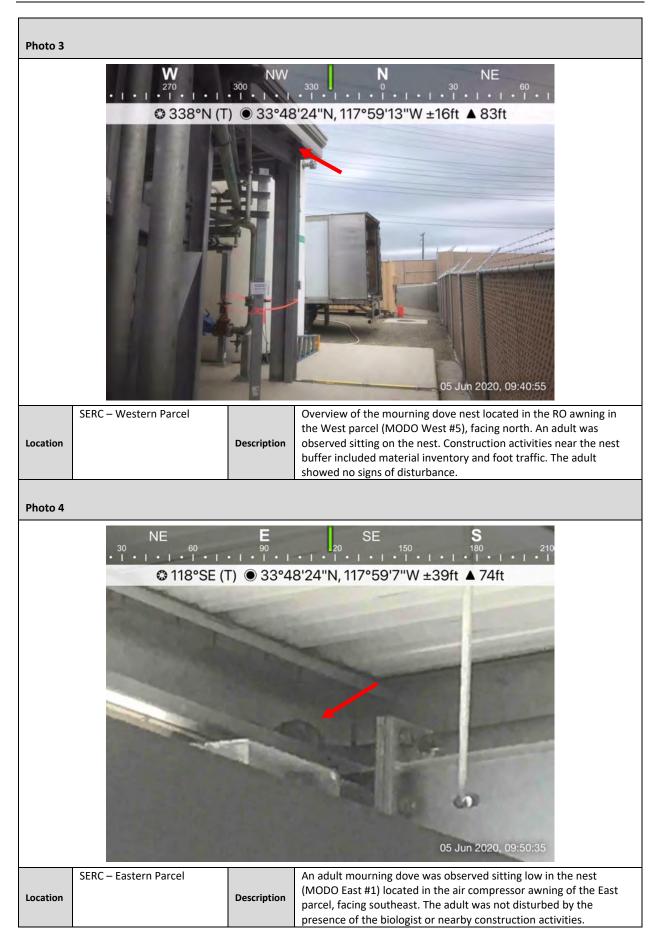
## Items Requiring Action/Follow-up

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

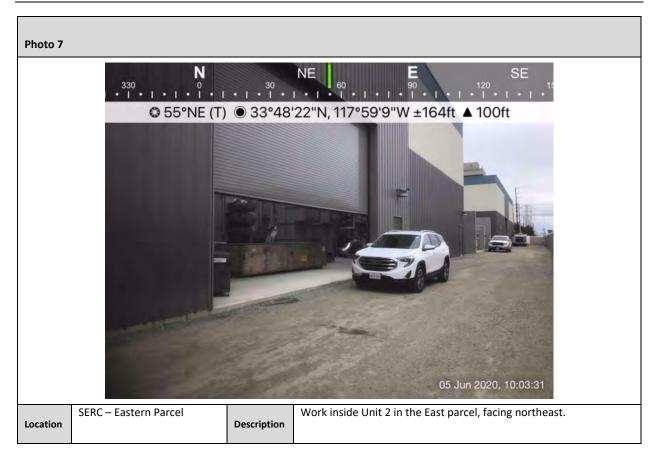
## Wildlife Species Observed:

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









Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG								
Date	Time (Begin-End)							
June 8, 202	0	Cara Snellen			0930-1030			
Temperature (°F)	' Win		Precipitation amount	Visibility	We	leather Comment		
74-75		Clear/sunny						
Location(s) of Work Site Activities Monitored								

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

- MODO nest #1 in Eastern Parcel (air compressor awning) Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-east) Active mourning dove nest located on a metal plate that connects a vertical beam to the lowest overhead wire rack (15 kV cable tray) near the point where the cable tray turns downward east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage.
- MODO nest #5 in Western Parcel (RO system awning) Active mourning dove nest located on a beam ledge under the northeast corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and two posts supporting overhead pipes with flagging and signage.
- HOSP nest (#7) in Parcel B Active house sparrow (*Passer domesticus*: HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- HOSP nest (#3) east of Parcel C Active house sparrow nest located inside wire insulator directly west of a utility
  pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West Laydown Yard.
  The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under
  provisions of the MBTA.

## SERC Site:

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

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

West Laydown Yard – Ongoing activities included foot traffic.

## SERC Amendment Area:

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

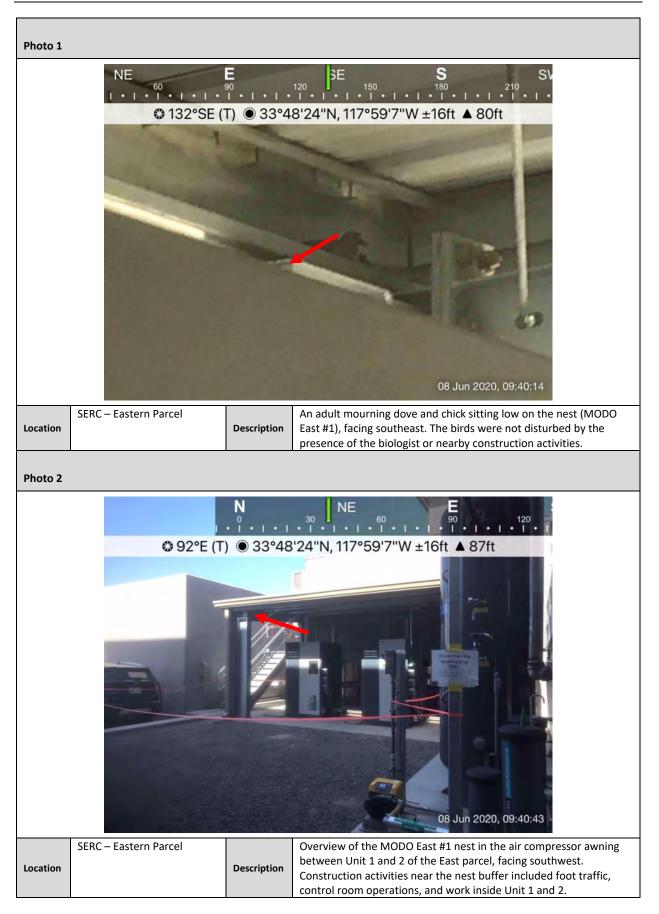
Parcel C – Ongoing activities included parking; foot traffic.

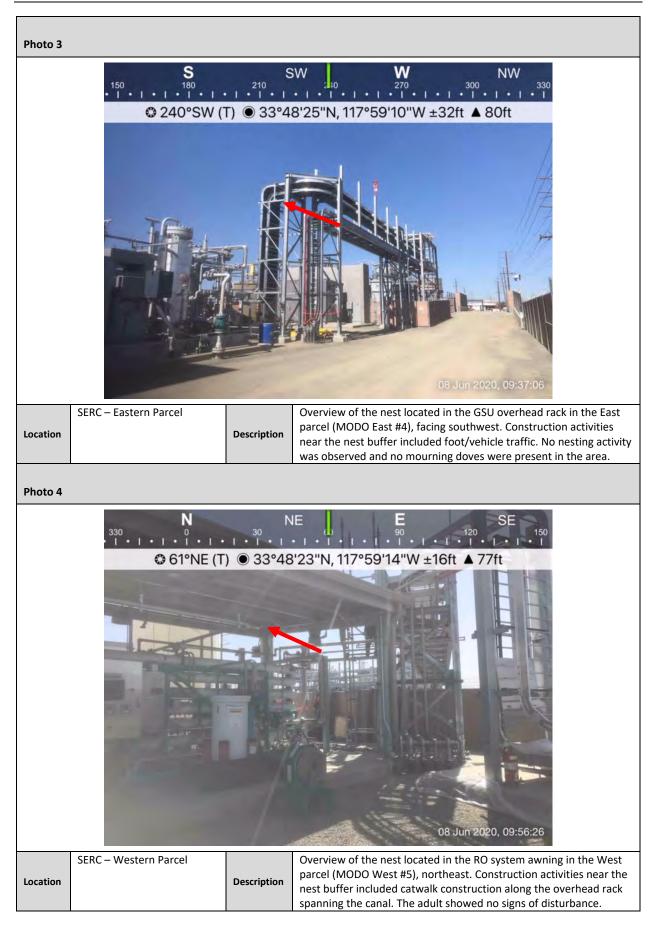
## Summary of Biological Resources Monitoring Observations Bio-monitoring for special status species, nesting birds, fossorial mammals, and other wildlife. **Special-Status Species Observed:** None • Nesting Bird Observations: MODO nest #1 in Eastern Parcel (air compressor awning) - An adult mourning dove and one chick were observed sitting on the nest. No other mourning doves were observed nearby. The birds not disturbed by the presence of the biologist or nearby construction activities. MODO nest #4 in Eastern Parcel (GSU overhead rack-east) - No nesting activity was observed and no mourning • doves were present in the area. Status of the nest is unknown at this time. MODO nest #5 in Western Parcel (RO system awning) - An adult mourning dove was observed sitting on the nest in incubation/brooding position. No other mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities. HOSP nest (#7) in Parcel B – An adult male house sparrow was observed perched next to the nest. A second house • sparrow was observed exiting the nest and flying away. The birds were not disturbed by the presence of the biologist or nearby construction activities. HOSP nest (#3) east of Parcel C - An adult female house sparrow was observed exiting the nest cavity. The adult was not disturbed by the presence of the biologist or nearby construction activities. **Other Biological Resources Observations:** None ٠ **Other Observations/Comments:** • None Items Requiring Action/Follow-up ٠ No Items requiring follow-up. Monitoring of work will continue during Project construction activities.

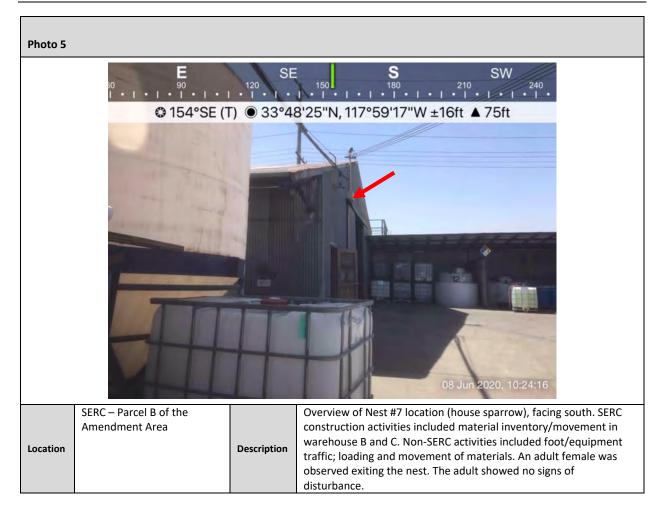
• No items requiring ronow-up. Monitoring of work will continue during Project Construction

## Wildlife Species Observed:

**Birds:** mourning dove, house finch (*Haemorhous mexicanus*), house sparrow, Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), lesser goldfinch (*Spinus psaltria*), red-tailed hawk (*Buteo jamaicensis*)







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

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

# Location(s) of Work Site Activities Monitored

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

# SERC Site:

**Western Parcel** – Ongoing activities related to above-ground battery energy storage system (BESS) infrastructure; material fabrication/modification/inventory; movement of materials/equipment.

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

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

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

Gas Pipeline – Activities included work inside electrical control room.

Church Parking Lot – No SERC-related activities.

# SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

**Parcel B** – Activities included material inventory/movement at warehouses B and C; foot traffic. Non-SERC activities included movement of materials; foot traffic.

Parcel C – Activities included parking; foot traffic.

## Summary of Biological Resources Monitoring Observations

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

# Special-Status Species Observed:

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

# **Nesting Bird Observations:**

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

# **Other Biological Resources Observations:**

• None

# **Other Observations/Comments:**

# None

# Items Requiring Action/Follow-up

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

# Wildlife Species Observed:

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





Photo 5	
$1 \cdot 1 \cdot 1 \cdot 1 \cdot 1 \cdot 1$	SW       W       Z70       300       NW         210       240       270       300       330       1         (T) (*) 33°48'23"N, 117°59'8"W ±193ft       77ft
Location SERC – Eastern Parcel	DescriptionOverview of the mourning dove nest buffer at the air compressor awning between Unit 1 and 2 of the East parcel (MODO East #1), facing west. Construction activities near the nest buffer included control room operations, work in Unit 1 and 2, and foot traffic.
	E 120 SE 150 180 210 St (T) ● 33°48'24"N, 117°59'7"W ±16ft ▲ 88ft
SERC – Eastern Parcel	DescriptionAn adult mourning dove and 2 chicks were observed sitting low in the nest (MODO Est #1) located in the air compressor awning in the East parcel, facing southeast. The birds were not disturbed by the presence of the biologist or nearby construction activities.



Photo 9
PHOLOS 210 20 20 20 300 NW 330 0 0 330 0 0 10
Location       Dale Avenue Gas Pipeline (SERC Eastern Parcel)       Description       Work inside the electrical control room in the gas pipeline area adjacent to the Dale Avenue entrance of the East parcel, facing west.         Photo 10
E SE S SW 90 120 150 160 210 240 156°SE (T) ③ 33°48'26"N, 117°59'17"W ±36ft ▲ 85ft 09 Jun 2020, 10:15:33
Location         SERC – Parcel B of the Amendment Area         Overview of Nest #7 location (house sparrow), facing south. SERC construction activities included material inventory/movement in warehouse B and C. Non-SERC activities included foot/equipment traffic; loading and movement of materials. No nesting activity was observed and no house sparrows were present in the area.

Stanton Energy Reliability Center (SERC)							
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG							
Date			Monitor Time (Begin-End)				
June 10, 202	une 10, 2020 Cara Snellen 0900-1000					0900-1000	
Temperature (°F)	Win	d (mph)	Precipitation amount	Visibility	We	eather Comment	
83-87		1-2	2 0.0 in. Good (10 mi.) Clear/sunny				
Location(s) of Work Site Activities Monitored							

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

- MODO nest #1 in Eastern Parcel (air compressor awning) Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-east) Active mourning dove nest located on a metal plate that connects a vertical beam to the lowest overhead wire rack (15 kV cable tray) near the point where the cable tray turns downward east of the GSU in the East parcel, approximately 20 feet above the ground. A no-disturbance buffer has been established around the four vertical beams below the nest with flagging and signage.
- MODO nest #5 in Western Parcel (RO system awning) –Active mourning dove nest located on a beam ledge under the northeast corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and two posts supporting overhead pipes with flagging and signage.
- HOSP nest (#7) in Parcel B Active house sparrow (*Passer domesticus*: HOSP) nest located in the north corner of the equipment door track enclosure on the west side of the Parcel B warehouse, approximately 15 feet above the ground. House sparrows are introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- HOSP nest (#3) east of Parcel C Active house sparrow nest located inside wire insulator directly west of a utility
  pole, approximately 75 feet east of the southeast corner of Parcel C and north adjacent to the West Laydown Yard.
  The nest is approximately 15 feet above the ground. House sparrows are introduced species not protected under
  provisions of the MBTA.

# SERC Site:

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

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

West Laydown Yard – Ongoing activities included foot traffic.

### SERC Amendment Area:

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

Parcel C – Ongoing activities included parking; foot traffic.

## Summary of Biological Resources Monitoring Observations

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

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

• None

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

- MODO nest #1 in Eastern Parcel (air compressor awning) –Two chicks were observed sitting on the nest. No adult
  mourning doves were observed nearby. The chicks were not disturbed by the presence of the biologist or nearby
  construction activities.
- MODO nest #4 in Eastern Parcel (GSU overhead rack-east) No nesting activity was observed and no mourning
  doves were present in the area. No construction activities, other than minimal foot/vehicle traffic has occurred in
  the vicinity of the nest buffer in the last two weeks. Based on recent observations, the nest is now considered
  inactive (failed, non project-related).
- MODO nest #5 in Western Parcel (RO system awning) An adult mourning dove and one chick were observed sitting on the nest. No other mourning doves were observed nearby. The birds were not disturbed by the presence of the biologist or nearby construction activities.
- HOSP nest (#7) in Parcel B Several house sparrows were moving through the area but no nesting activity was observed. Based on recent observations, this nest is now considered inactive (fledged).
- HOSP nest (#3) east of Parcel C No nesting activity was observed and no house sparrows were present in the area. Based on recent observations, this nest is now considered inactive (fledged).

#### **Other Biological Resources Observations:**

• None

#### **Other Observations/Comments:**

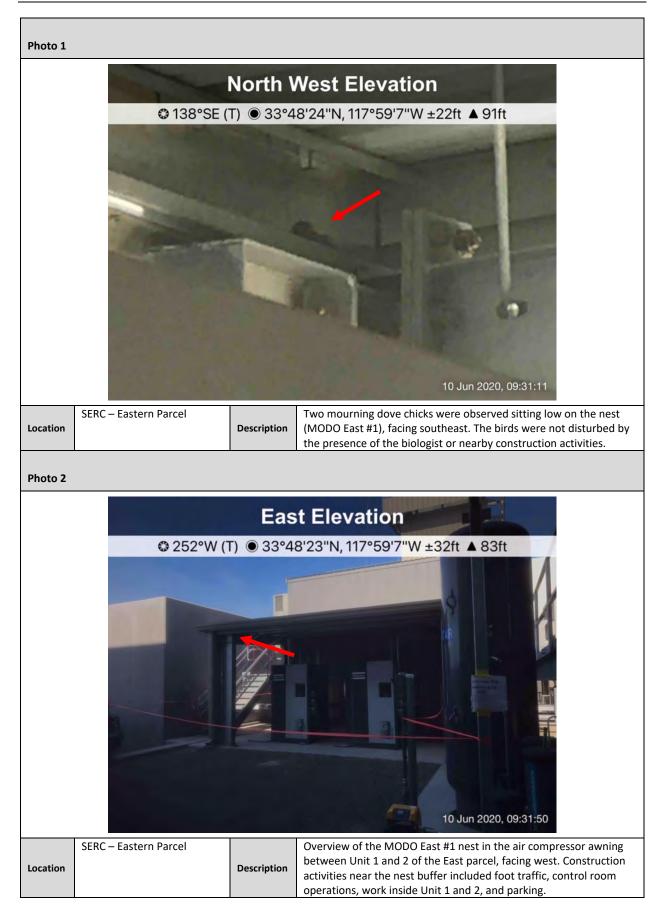
None

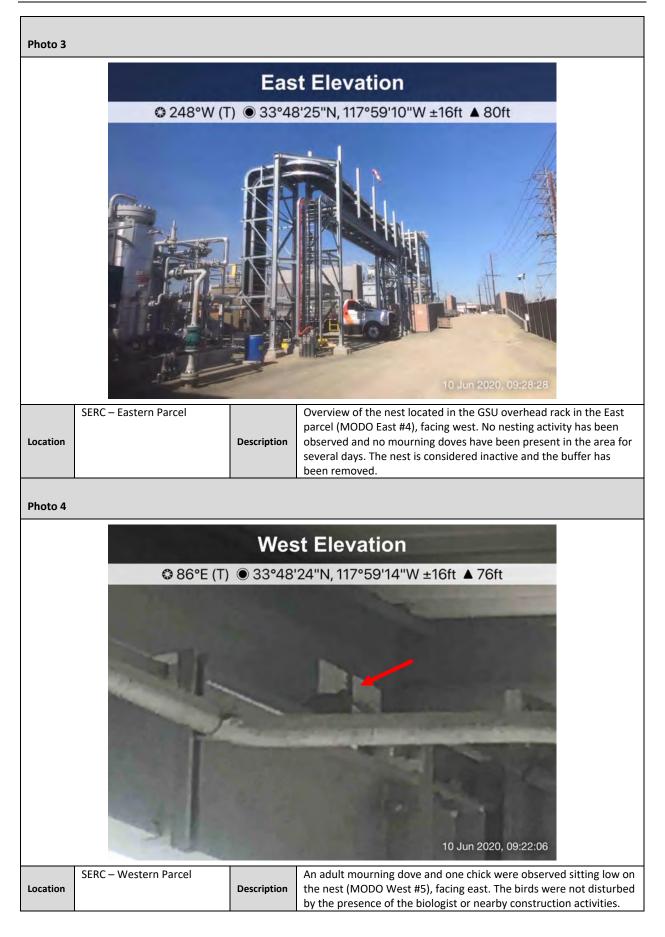
### Items Requiring Action/Follow-up

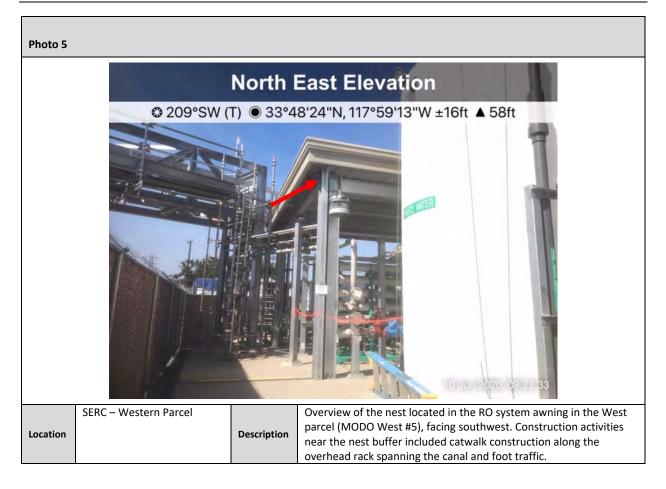
No Items requiring follow-up. Monitoring of work will continue during Project construction activities.

### Wildlife Species Observed:

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







Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG							
Date			Monitor Time (Begin-End)				
June 11, 202	June 11, 2020         Cara Snellen         0900-100					0900-1000	
Temperature (°F)	Win	(mph) Precipitation amount		Visibility	W	eather Comment	
74-79		2-3	3 0.0 in. Good (10 mi.) Clear/sunny				
Location(s) of Work Site Activities Monitored							

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

- MODO nest #1 in Eastern Parcel (air compressor awning) Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.
- MODO nest #5 in Western Parcel (RO system awning) Active mourning dove nest located on a beam ledge under the northeast corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and two posts supporting overhead pipes with flagging and signage.

# SERC Site:

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

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

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard - Ongoing activities included material storage. Gate is locked and site 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 #1 in Eastern Parcel (air compressor awning) –Two chicks were observed sitting on the nest. No adult
  mourning doves were observed nearby. The chicks were not disturbed by the presence of the biologist or nearby
  construction activities.
- MODO nest #5 in Western Parcel (RO system awning) An adult mourning dove and one chick were observed sitting on the nest. No other mourning doves were observed nearby. The birds were not disturbed by the presence of the biologist or nearby construction activities.

# **Other Biological Resources Observations:**

None

### Other Observations/Comments:

None

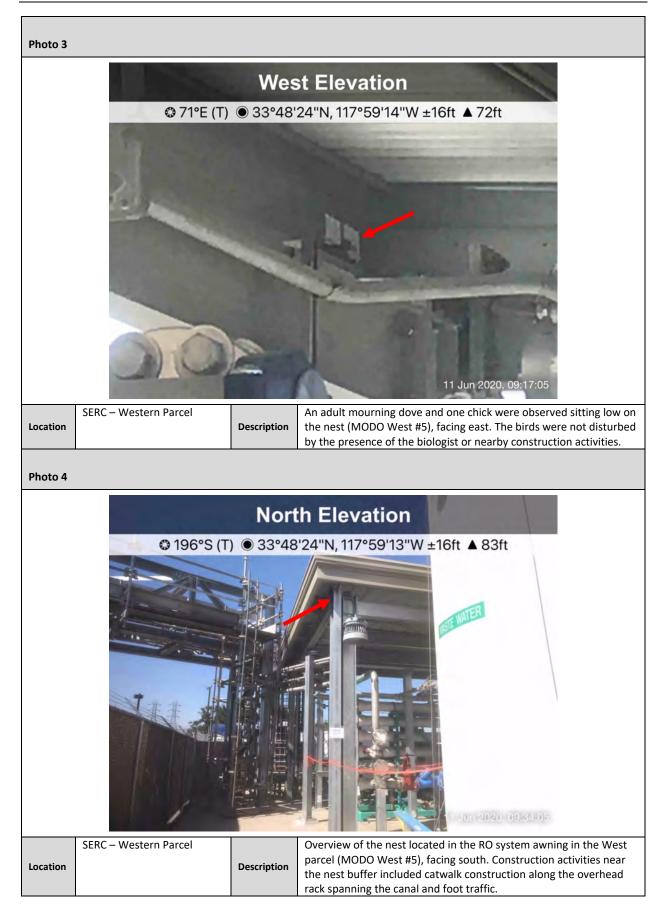
# Items Requiring Action/Follow-up

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

# Wildlife Species Observed:

**Birds:** mourning dove, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), Northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), lesser goldfinch (*Spinus psaltria*)





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

Date				Monitor		Time (Begin-End)
June 12, 202	0			Cara Snellen		0900-1100
Temperature (°F)	Wind	l (mph)	Precipitation amount	Visibility	We	eather Comment
71-74	2	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; material fabrication/modification/inventory; movement of materials/equipment.

**Eastern Parcel** – Ongoing activities included set-up for overhead rack cable pull; control room operations; work in Unit 1 and 2; vehicle ingress/egress on access road; foot traffic.

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

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

Gas Pipeline - No SERC-related activities.

Church Parking Lot – No SERC-related activities.

#### SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

**Parcel B** – Activities included material inventory/movement at warehouses B and C; foot traffic. Non-SERC activities included movement of materials; foot traffic.

Parcel C – Activities included parking; foot traffic.

## Summary of Biological Resources Monitoring Observations

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

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

• None

# **Nesting Bird Observations:**

- MODO nest #1 in Eastern Parcel (air compressor awning) Two mourning dove (Zenaida macroura; MODO) chicks were observed sitting on the nest. No adults mourning doves were observed nearby. The chicks were not disturbed by the presence of the biologist or by nearby construction activities.
- **MODO nest #5 in Western Parcel (RO system awning)** Two adult mourning dove chicks were observed sitting on the nest. No adult mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or by nearby construction activities.

#### **Other Biological Resources Observations:**

• None

#### **Other Observations/Comments:**

• None

#### Items Requiring Action/Follow-up

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

# Wildlife Species Observed:

**Birds:** mourning dove, house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), house finch (*Haemorhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), European starling (*Sturnus vulgaris*), common raven (*Corvus corax*), red-tailed hawk (*Buteo jamaicensis*)



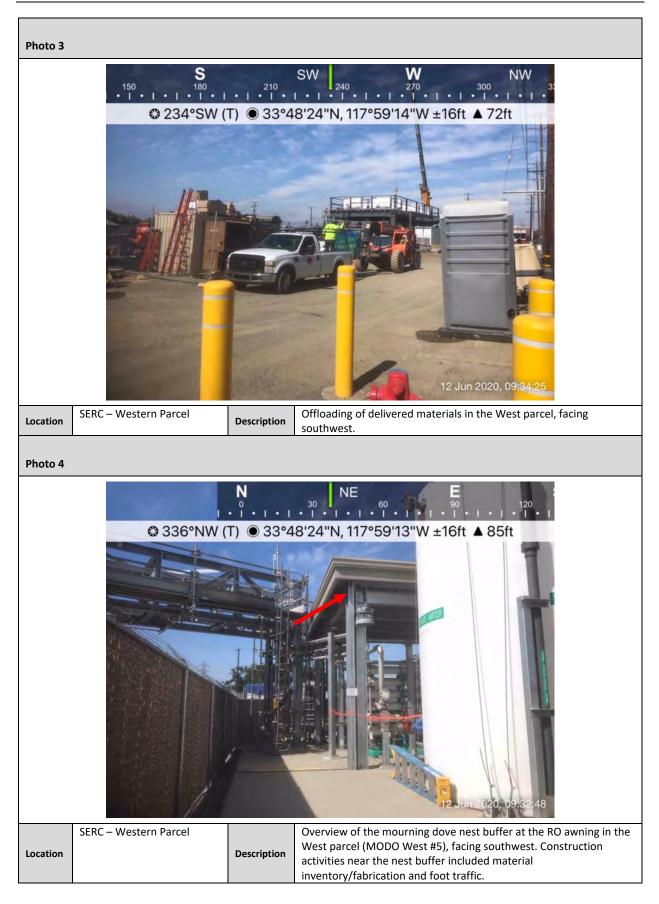




Photo 7			
		I • I • I •	SE S 120 SE S 150 150 180 124"N, 117°59'7"W ±45ft ▲ 79ft
	12		12 Jun 2020, 09:40:33
Location	SERC – Eastern Parcel	Description	Two mourning dove chicks were observed sitting low in the nest (MODO East #1) located in the air compressor awning in the East parcel, facing east. The birds were not disturbed by the presence of the biologist or nearby construction activities.
Photo 8			
	S 180 247°SW (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SW 210 1 1 1 1 33°4	240       270       300       330       1         8'24"N, 117°59'11"W ±16ft ▲ 78ft       78ft       1       1         Image: Comparison of the state of the st
Location	SERC – Eastern Parcel	Description	Staging of materials and equipment in preparation for the cable pull along the overhead rack connecting the East and West parcels, facing southwest.



Stanton Energy Reliability Center (SERC)							
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG							
Date			Monitor Time (Begin-End)				
June 15, 202	20			Cara Snellen		0845-1015	
Temperature (°F)	Wine	(mph) Precipitation amount		Visibility	W	eather Comment	
74-79	:	2-3	3 0.0 in. Good (10 mi.) Clear/sunny				
Leasting(a) of Wark Site Activities Manitored							

### 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 #1 in Eastern Parcel (air compressor awning) Active mourning dove (*Zenaida macroura*; MODO)
  nest located on a beam ledge under the southeast corner of the air compressor awning between Units 1 and 2 in
  the Eastern Parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established
  around the nest (as accessible) with flagging and signage.
- MODO nest #5 in Western Parcel (RO system awning) –Active mourning dove nest located on a beam ledge under the northeast corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and two posts supporting overhead pipes with flagging and signage.

### SERC Site:

**Eastern Parcel** – Ongoing activities included foot traffic; overhead rack cable pull; work inside Unit 1 and 2; control room operations; parking.

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

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard - Ongoing activities included material storage. Gate is locked and parcel is currently inaccessible.

### SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C – Ongoing activities included parking; foot traffic.

### Summary of Biological Resources Monitoring Observations

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

### Special-Status Species Observed:

• None

# Nesting Bird Observations:

- MODO nest #1 in Eastern Parcel (air compressor awning) –No nesting activity was observed and no mourning doves were present in the area. Based on recent observations, this nest has successfully fledged and is now inactive. The buffer and signage have been removed (see photo 1).
- MODO nest #5 in Western Parcel (RO system awning) Two adult mourning doves were perched in various locations near the nest. Each adult consecutively entered the nest and fed at least one chick. The birds were not disturbed by the presence of the biologist or nearby construction activities.
- An active mourning dove nest (MODO East #6) was observed on the upper beam ledge in the southeast corner of
  the trash enclosure near the Dale Avenue entrance in the East parcel (see photos 5-7). The nest is located where
  the supporting vertical corner post connects with the beam ledge. The biologist observed nesting material hanging
  off the beam ledge and an adult mourning dove sitting in incubation position. A second adult was observed
  perched nearby (outside of the enclosure). Neither adult was disturbed by the presence of the biologist. The nest
  location is approximately 10 feet above the ground and is partially concealed by the vertical post, the beam ledge,

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

# **Other Biological Resources Observations:**

• None

# **Other Observations/Comments:**

None

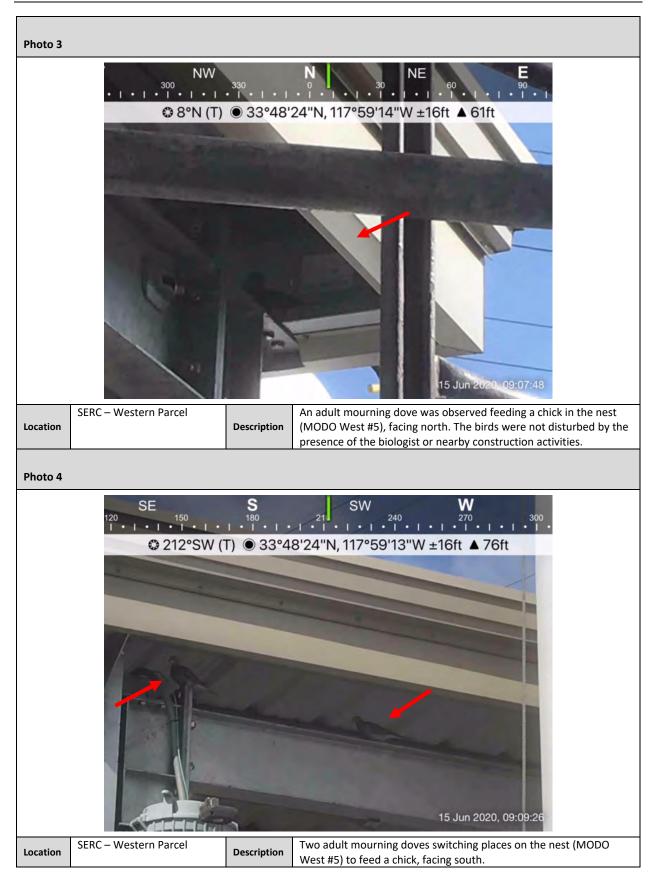
# Items Requiring Action/Follow-up

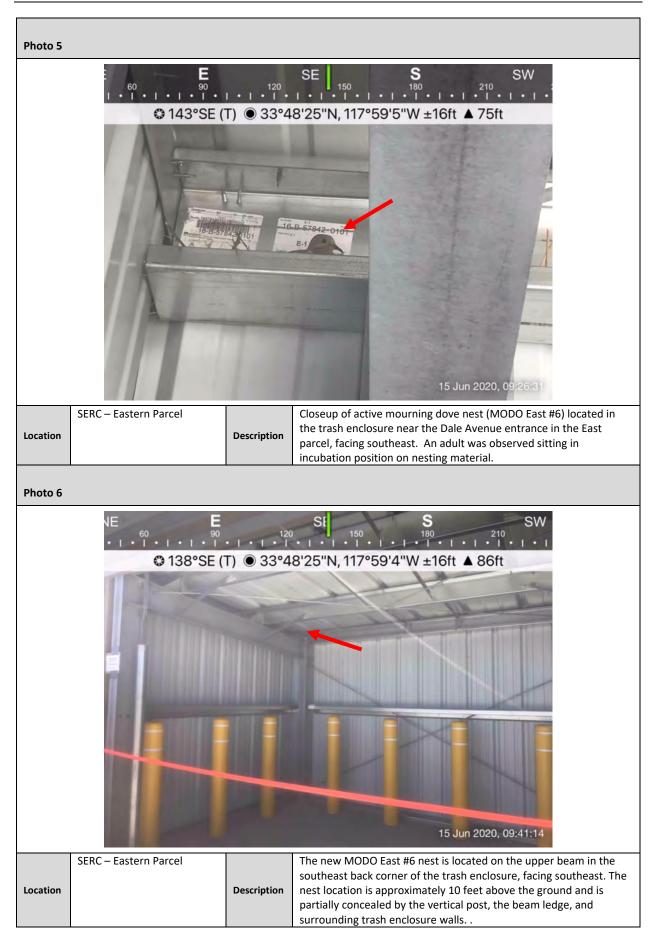
• No Items requiring follow-up. Monitoring of work will continue during Project construction activities.

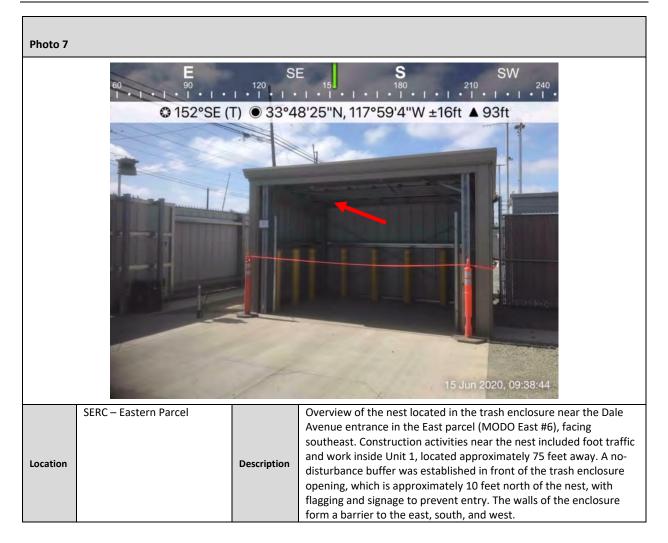
# Wildlife Species Observed:

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









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

Date				Monitor		Time (Begin-End)
June 16, 202	0		Cara Snellen			0915-1030 and 1130-1230
Temperature (°F)	Wine	d (mph)	Precipitation amount	Visibility	We	eather Comment
67-70	:	1-3	0.0 in.	Good (10 mi.)	CI	oudy/overcast

# Location(s) of Work Site Activities Monitored

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

- MODO nest #5 in Western Parcel (RO system awning) Active mourning dove (*Zenaida macroura*; MODO) nest located on a beam ledge under the northeast corner of the RO system awning near the eastern boundary of the West parcel, approximately 12 feet above the ground. A no-disturbance buffer has been established below the nest around the main vertical post and two posts supporting overhead pipes with flagging and signage.
- MODO nest #6 in Eastern Parcel (trash enclosure) Active mourning dove nest located on the upper beam ledge in the southeast corner of the trash enclosure near the Dale Avenue entrance in the Eastern parcel, approximately 10 feet above the ground. A no-disturbance buffer zone has been established around the nest with flagging and signage.

# SERC Site:

**Eastern Parcel** – Ongoing activities included foot traffic; overhead rack cable pull; work inside Unit 1 and 2; control room operations; parking.

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

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard - Ongoing activities included material storage. Gate is locked and parcel is currently inaccessible.

### SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C – Ongoing activities included parking; foot traffic.

### Summary of Biological Resources Monitoring Observations

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

# Special-Status Species Observed:

None

# Nesting Bird Observations:

- MODO nest #5 in Western Parcel (RO system awning) No nesting activity was observed and no mourning doves were present near the nest. Based on recent observations, this nest has successfully fledged and is now inactive. The nesting material was removed to discourage additional activity. The buffer and signage have been removed (see photo 1-2).
- **MODO nest #6 in Eastern Parcel (trash enclosure)** An adult mourning dove was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist. No construction activities were occurring near the nest.
- A pair of mourning doves were observed walking along the beam ledges under the perimeter of the RO awning in the West parcel. One of the adults briefly sat on some nesting material located in the southwest corner of the awning beams (see photo 5). Once the pair left the area, the biologist supervised construction personnel accessing the beams to determine if the nest was active. A photo was taken of the nesting material and the biologist confirmed that no eggs were present (see photo 6). The biologist then supervised the removal of the nesting

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

Construction personnel reported nesting activity on the overhead cable rack near the GSU in the East parcel (see photo 8). The biologist observed a pair of adult Eurasian collared doves (*Streptopelia decaocto*; ECDO) walking around the rack and flying in the area. Nesting material was present on a block of pipes directly below the overhead cable rack and one of the adults briefly sat on the material (see photo 9). The nest is partially exposed underneath and no egg was observed. The nest was left intact as it is currently inaccessible. No buffer was established as Eurasian collared dove is a non-native bird species and not protected under the Migratory Bird Treaty Act.

## **Other Biological Resources Observations:**

None

# **Other Observations/Comments:**

None

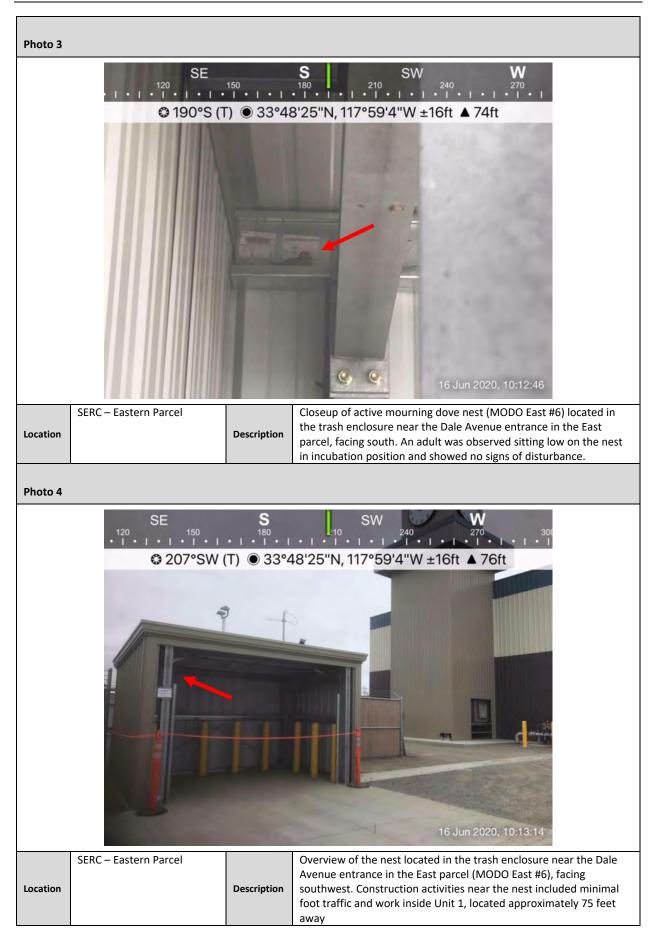
# Items Requiring Action/Follow-up

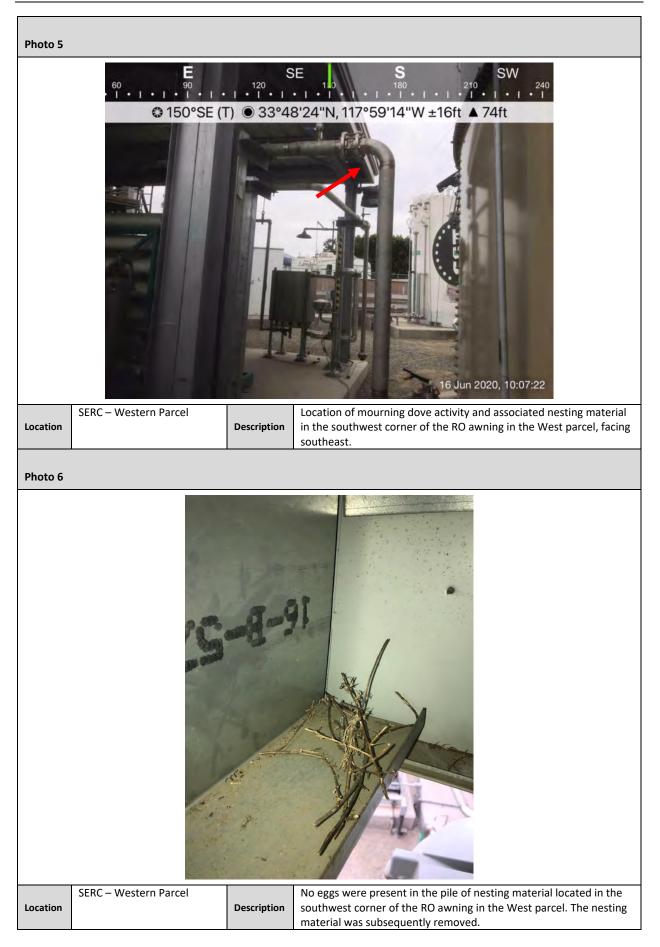
• No Items requiring follow-up. Monitoring of work will continue during Project construction activities.

# Wildlife Species Observed:

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

Photo 1			
Location	SERC – Western Parcel	Description	No nesting activity was observed at the MODO West #5 nest located in the RO system awning in the West parcel. No mourning doves were present near the nest. Based on recent observations, this nest has successfully fledged and is now inactive. The nest was confirmed to be empty/inactive and was removed.
Photo 2			
	S 210 210 273°W (T	240   •   •   •	Y       300       NW       N         300       1.330       0       0         3024"N, 117°59'13"W ±16ft       4 87ft
Location	SERC – Western Parcel	Description	Overview of the nest located in the RO system awning in the West parcel (MODO West #5), facing southwest. The nest is now inactive and the buffer flagging/signage was removed.









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

Date		Monitor				Time (Begin-End)
June 17, 202	ne 17, 2020			Cara Snellen		0915-1140
Temperature (°F)	Win	d (mph)	Precipitation amount	Visibility	We	eather Comment
68-72		3-5	0.0 in.	Good (10 mi.)	Cl	oudy/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; material fabrication/modification/inventory; movement of materials/equipment; foot/vehicle traffic.

**Eastern Parcel** – Ongoing activities included overhead rack cable pull; control room operations; work in Unit 2; foot traffic; parking.

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

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

Gas Pipeline – No SERC-related activities.

Church Parking Lot - No SERC-related activities.

## SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

**Parcel B** – Activities included material inventory/movement at warehouses B and C; foot traffic. Non-SERC activities included movement of materials; foot traffic.

Parcel C – Activities included parking; foot traffic.

## Summary of Biological Resources Monitoring Observations

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

## Special-Status Species Observed:

• None

# **Nesting Bird Observations:**

- MODO nest #6 in Eastern Parcel (trash enclosure) An adult mourning dove (*Zenaida macroura*; MODO) was observed sitting low on the nest in incubation position. No adults mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist. No construction activities were occurring in the vicinity of the nest.
- An active mourning dove nest (MODO West #7) was observed on a beam ledge under the southwest corner of the RO system awning in the West parcel. The nest is located where the supporting vertical corner post connects with the beam ledge. The biologist observed nesting material hanging off the beam ledge and an adult mourning dove sitting in incubation position. A second adult made multiple trips to the nest with nesting material. Neither adult was disturbed by the presence of the biologist or nearby construction activities. The nest location is approximately 12 feet above the ground and is partially concealed by the vertical post, the beam ledge, the awning cover, and surrounding awning infrastructure. Given the height of the nest and the presence of an incubating adult, the presence/number of eggs could not be determined. Construction activities in the area included the foot traffic and the cable pull along the rack connecting BESS and the GSU in the East parcel. However, construction activities are visually buffered by the large RO tank to the north and the surrounding RO awning infrastructure. In addition, no work will be conducted near the nest until the BESS is complete and the RO system is connected (estimate 1 month). A no-disturbance buffer was established below the nest around the main vertical post and adjacent pipes/posts with flagging and signage, incorporating existing infrastructure as necessary. The flagged area was

limited due to the presence of the emergency eyewash station below the nest site. As the eyewash station must be accessible, a cone was placed directly north of the eye wash station as a visual extension of the buffer. With the cone incorporated, the buffer is approximately 5x5 feet in size. Coordinates: 33.8067094, -117.9872168.

## **Other Biological Resources Observations:**

None

#### **Other Observations/Comments:**

None

### Items Requiring Action/Follow-up

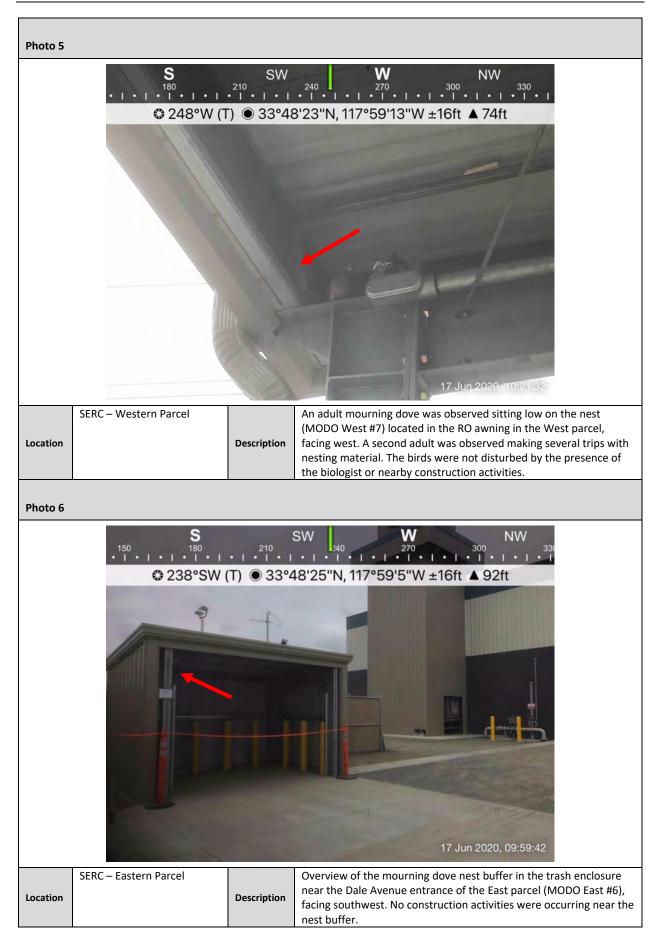
No Items requiring follow-up. Monitoring of work will continue during Project construction activities.

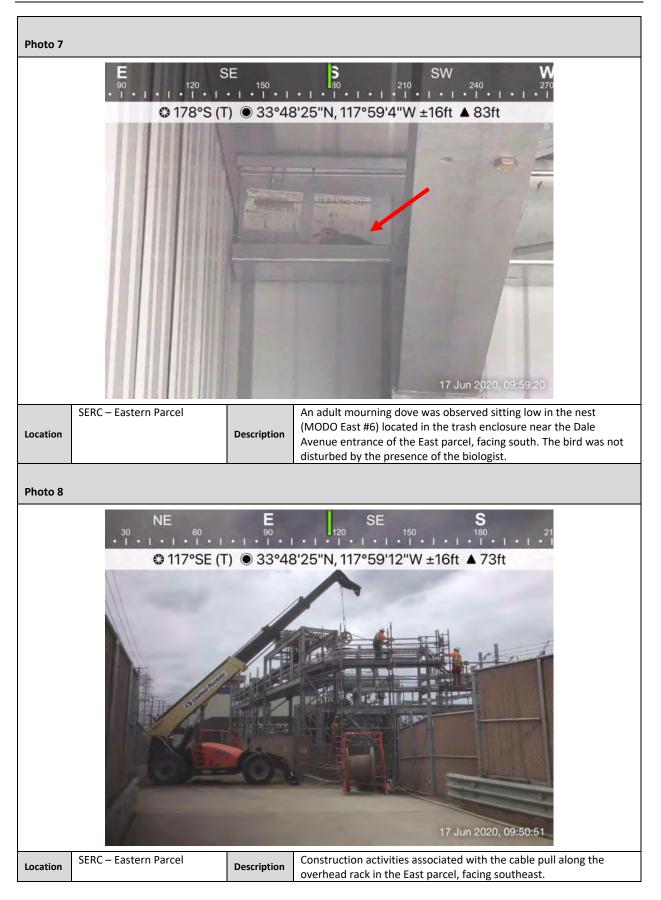
#### Wildlife Species Observed:

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











Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG								
June 18, 202	0	Cara Snellen				1000-1100		
Temperature (°F)	- Wind (mph)		Precipitation amount	Visibility	Weather Comment			
66		3-5	5 0.0 in. Good (10 mi.) Cloudy/overcast					
() (						,,		

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

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

#### SERC Site:

**Eastern Parcel** – Ongoing activities included foot traffic; overhead rack cable pull; work inside Unit 1 and 2; control room operations; parking.

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

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard - Ongoing activities included material storage. Gate is locked and parcel is currently inaccessible.

#### SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C – Ongoing activities included parking; foot traffic.

#### Summary of Biological Resources Monitoring Observations

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

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

• None

#### Nesting Bird Observations:

- **MODO nest #6 in Eastern Parcel (trash enclosure)** An adult mourning dove was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist. No construction activities were occurring near the nest.
- MODO nest #7 in Western Parcel (RO system awning) No nesting activity was observed and no mourning doves were present near the nest. The nest is inaccessible and the presence of eggs cannot be confirmed. The status of the nest is unknown at this time.

#### **Other Biological Resources Observations:**

None

#### **Other Observations/Comments:**

None

## Items Requiring Action/Follow-up

• 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*), European starling (*Sturnus vulgaris*), house sparrow (*Passer domesticus*)



Photo 3			
		SW • I • I • I T) <b>©</b> 33°48	W NW 270 300 330 B'24"N, 117°59'13"W ±16ft ▲ 75ft
			18 Jun 2020, 10:37:35
Location	SERC – Western Parcel	Description	Closeup of active mourning dove nest (MODO West #7) in the RO system awning in the West parcel, facing west. No nesting activity was observed and no mourning doves were present in the area.
Photo 4			
		• I • I • I	SE 50 180 210 SW 240 B'24"N, 117°59'13"W ±16ft ▲ 82ft
Location	SERC – Western Parcel	Description	Overview of the nest located in the RO system awning in the West parcel (MODO West #7), facing southeast. Construction activities near the nest included foot traffic and rack cable pull.

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

Date		Monitor				Time (Begin-End)
June 19, 2020			Cara Snellen			0900-1100
Temperature (°F)	Win	d (mph)	Precipitation amount	Visibility	We	eather Comment
69-71		2-3	0.0 in.	Good (10 mi.)	Cloudy/ov	ercast to partly cloudy

## Location(s) of Work Site Activities Monitored

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

#### SERC Site:

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

**Eastern Parcel** – Ongoing activities included overhead rack cable pull; control room operations; work in Unit 1 and 2; foot traffic; parking.

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

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

Gas Pipeline – No SERC-related activities.

Church Parking Lot – No SERC-related activities.

## SERC Amendment Area:

Parcel A – Activities included parking; foot traffic.

**Parcel B** – Activities included material inventory/movement at warehouses B and C; foot traffic. Non-SERC activities included movement of materials; foot traffic.

Parcel C – Activities included parking; foot traffic.

## Summary of Biological Resources Monitoring Observations

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

## Special-Status Species Observed:

• None

## **Nesting Bird Observations:**

- MODO nest #6 in Eastern Parcel (trash enclosure) An adult mourning dove (*Zenaida macroura*; MODO) was observed sitting low on the nest in incubation position. No adults mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist. No construction activities were occurring in the vicinity of the nest.
- MODO nest #7 in Western Parcel (RO system awning) –An adult mourning dove was observed sitting low on the nest in incubation position. No adults mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities.

# **Other Biological Resources Observations:**

None

#### **Other Observations/Comments:**

None

#### Items Requiring Action/Follow-up

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

## Wildlife Species Observed:

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





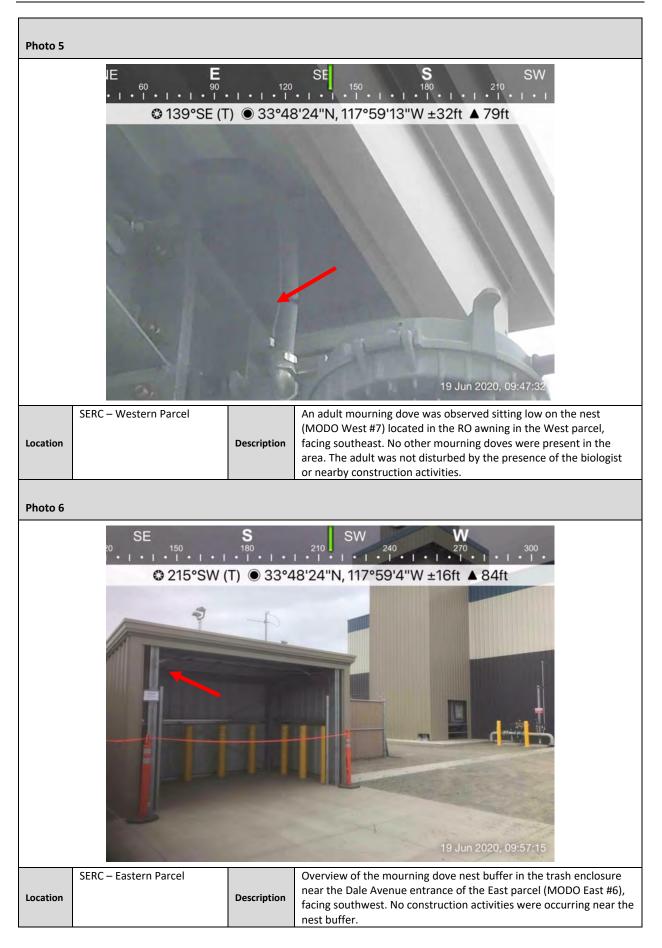


Photo 7			
	90 •   •   •   •   •		SW W 210 240 270 240 270 270 270 270 270 270 270 270
			19 Jun 2020, 09:56:55
Location	SERC – Eastern Parcel	Description	An adult mourning dove was observed sitting low in the nest (MODO East #6) located in the trash enclosure near the Dale Avenue entrance of the East parcel, facing south. The bird was not disturbed by the presence of the biologist.
Photo 8		1	
	NE 0 1 • 1 • 1 • 1 • 1 •	<b>E</b> 1 • 1 • 1 •	SE <b>S</b> 120 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 •
		I) © 33°4	8'24''N, 117°59'12''W ±16ft ▲ 72ft
Location	SERC – Eastern Parcel	Description	Construction activities associated with the cable pull along the overhead rack in the East parcel, facing southeast.



Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG							
Date				Monitor		Time (Begin-End)	
June 22, 202	0	Cara Snellen			0930-1030		
Temperature (°F) Wind (mph)		d (mph)	Precipitation amount	Visibility	Weather Comment		
69-70	69-70         2-3         0.0 in.         Good (10 mi.)         Cloudy/overcast						

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

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

#### SERC Site:

**Eastern Parcel** – Ongoing activities included foot traffic; overhead rack cable pull; work inside Unit 1 and 2; control room operations; parking.

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

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard - Ongoing activities included material storage. Gate is locked and parcel is currently inaccessible.

#### SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C – Ongoing activities included parking; foot traffic.

#### Summary of Biological Resources Monitoring Observations

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

## Special-Status Species Observed:

None

## Nesting Bird Observations:

- **MODO nest #6 in Eastern Parcel (trash enclosure)** An adult mourning dove was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist. Construction activities near the nest included minimal foot traffic and work inside Unit 1, located approximately 75 feet away.
- MODO nest #7 in Western Parcel (RO system awning) An adult mourning dove was observed sitting low on the
  nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the
  presence of the biologist. The adult was not disturbed by the presence of the biologist or the nearby construction
  activities.

#### **Other Biological Resources Observations:**

None

# Other Observations/Comments:

None

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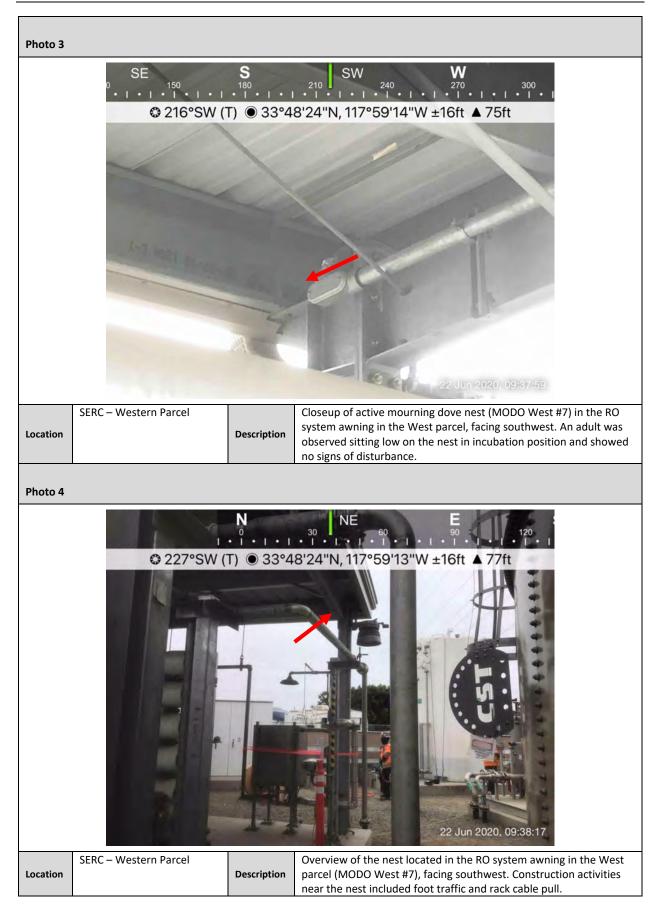
Items Requiring Action/Follow-up

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

## Wildlife Species Observed:

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





Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG								
Date				Monitor		Time (Begin-End)		
June 23, 202	20		Cara Snellen			0930-1030		
Temperature (°F)	ture Wind (mph)		Precipitation amount	Visibility	Weather Comment			
68-71		2-3	3 0.0 in. Good (10 mi.) Cloudy/overcast					
Location(s) of Wor	Leasting(s) of Work Site Activities Monitored							

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

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

## SERC Site:

**Eastern Parcel** – Ongoing activities included foot traffic; overhead rack cable pull/installation; work inside Unit 1 and 2; control room operations; parking.

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

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard - Ongoing activities included material storage. Gate is locked and parcel is currently inaccessible.

## SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C – Ongoing activities included parking; foot traffic.

#### Summary of Biological Resources Monitoring Observations

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

## Special-Status Species Observed:

None

## Nesting Bird Observations:

- **MODO nest #6 in Eastern Parcel (trash enclosure)** An adult mourning dove was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist. Construction activities near the nest included minimal foot traffic and work inside Unit 1, located approximately 75 feet away.
- MODO nest #7 in Western Parcel (RO system awning) An adult mourning dove was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist or the nearby construction activities.

## **Other Biological Resources Observations:**

• None

None

Items Requiring Action/Follow-up

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

## Wildlife Species Observed:

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

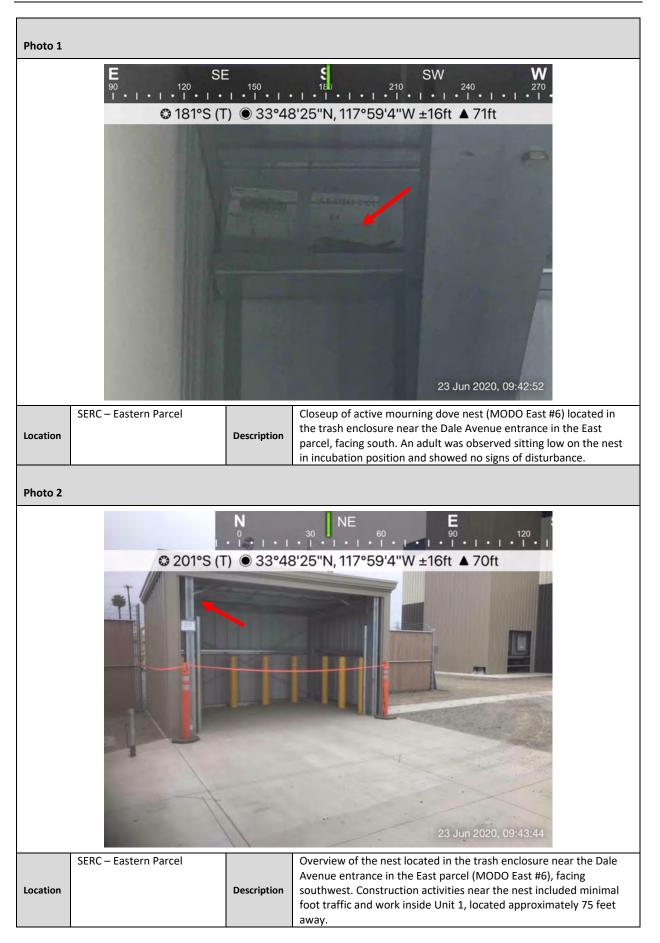


Photo 3									
0 •   •   •   12	SE <sup>20</sup> •••••	<b>S</b> SW <b>W</b> 210 240 270 270							
© 185°S (T)									
	2	23 Jun 2020, 09:84:05							
SERC – Western Par	Description	Closeup of active mourning dove nest (MODO West #7) in the RO system awning in the West parcel, facing south. An adult was observed sitting low on the nest in incubation position and showed no signs of disturbance.							
Photo 4									
Location	Description	Overview of the nest located in the RO system awning in the West parcel (MODO West #7), facing southeast. Construction activities near the nest included foot traffic and rack cable pull/installation.							

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

Date		Monitor				Time (Begin-End)
June 24, 2020			Cara Snellen			0900-1100
Temperature (°F)	Wind	(mph)	Precipitation amount	Visibility	We	eather Comment
69-71	1	-2	0.0 in.	Good (10 mi.)	Cl	oudy/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; material fabrication/modification/inventory; movement of materials/equipment; foot/vehicle traffic.

**Eastern Parcel** – Ongoing activities included overhead rack cable pull/installation; control room operations; work in Unit 1 and 2; foot/vehicle traffic; parking.

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

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

Gas Pipeline – 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 position. A second adult was observed perched nearby. The adults
  were not disturbed by the presence of the biologist. Construction activities in the vicinity of the nest included
  minimal foot/vehicle traffic and work inside Unit 1, approximately 75 feet away.
- MODO nest #7 in Western Parcel (RO system awning) –An adult mourning dove was observed sitting low on the nest in incubation position. No adults mourning doves were observed nearby. The adult was not disturbed by the presence of the biologist or nearby construction activities.

# **Other Biological Resources Observations:**

None

#### **Other Observations/Comments:**

None

Items Requiring Action/Follow-up

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

## Wildlife Species Observed:

**Birds:** mourning dove, house sparrow (*Passer domesticus*), Northern mockingbird (*Mimus polyglottos*), house finch (*Haemorhous mexicanus*), Eurasian collared dove (*Streptopelia decaocto*), rock pigeon (*Columba livia*), red-tailed hawk (*Buteo jamaicensis*), lesser goldfinch (*Spinus psaltria*), European starling (*Sturnus vulgaris*), Allen's hummingbird (*Selasphorus sasin*), barn swallow (*Hirundo rustica*)





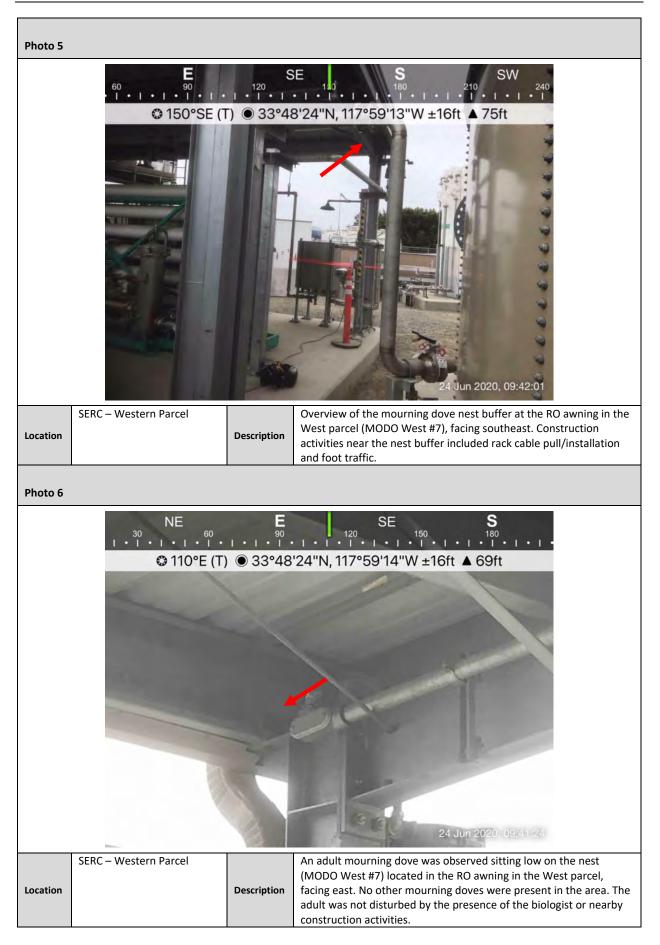
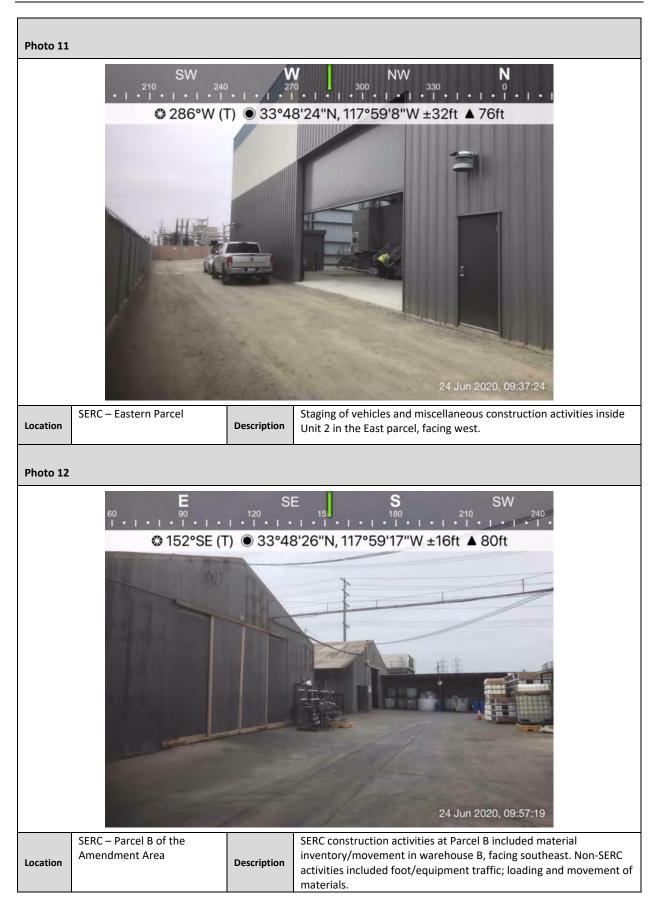


Photo 7		
SE • 1 <sup>20</sup> • 1 • 1 • 1 <sup>50</sup> •	S 180 / (T) © 33°4	10       240       270       300         48'25"N, 117°59'5"W ±16ft ▲ 92ft       92ft
SERC – Western Parcel		24 Jun 2020, 09:33:12 Overview of the mourning dove nest buffer in the trash enclosure
Location	Description	near the 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 and work inside Unit 1, approximately 75 feet away.
Photo 8		
© 185°S	150   •   •   •	SW       W         100       210       240       270         8'24"N, 117°59'5"W ±16ft ▲ 86ft       86ft         Image: SW ±16ft ▲ 86ft      <
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.





Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG							
Date				Monitor		Time (Begin-End)	
June 25, 202	0		Cara Snellen			0915-1015	
Temperature (°F)	Wind (mph)		Precipitation amount	Visibility	Weather Comment		
68-70		1-2	2 0.0 in. Good (10 mi.) Cloudy/overcast				
Location(c) of Work Site Activities Manitered							

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

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

#### SERC Site:

**Eastern Parcel** – Ongoing activities included foot traffic; overhead rack cable pull/installation; work inside Unit 1 and 2; control room operations; parking.

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

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard - Ongoing activities included material storage. Gate is locked and parcel is currently inaccessible.

#### SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C – Ongoing activities included parking; foot traffic.

#### Summary of Biological Resources Monitoring Observations

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

#### Special-Status Species Observed:

None

## Nesting Bird Observations:

- **MODO nest #6 in Eastern Parcel (trash enclosure)** An adult mourning dove was observed sitting low on the nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist. Construction activities near the nest included minimal foot traffic and work inside Unit 1, located approximately 75 feet away.
- MODO nest #7 in Western Parcel (RO system awning) An adult mourning dove was observed sitting low on the
  nest in incubation position. A second adult was perched nearby. The adults were not disturbed by the presence of
  the biologist or the nearby construction activities. Construction activities near the nest included foot traffic and
  cable rack pull/installation.

## **Other Biological Resources Observations:**

None

# Other Observations/Comments:

None

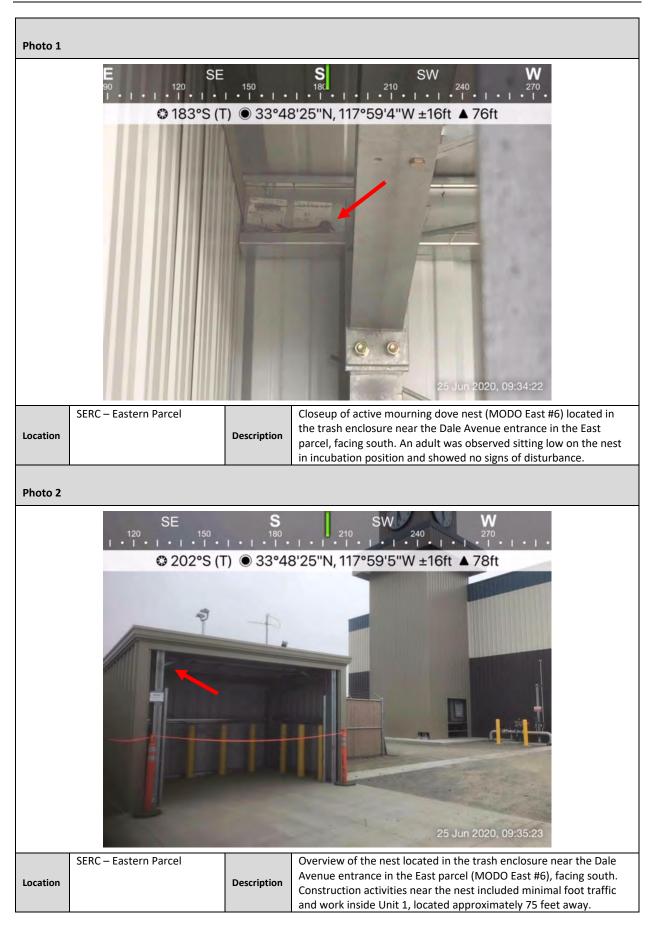
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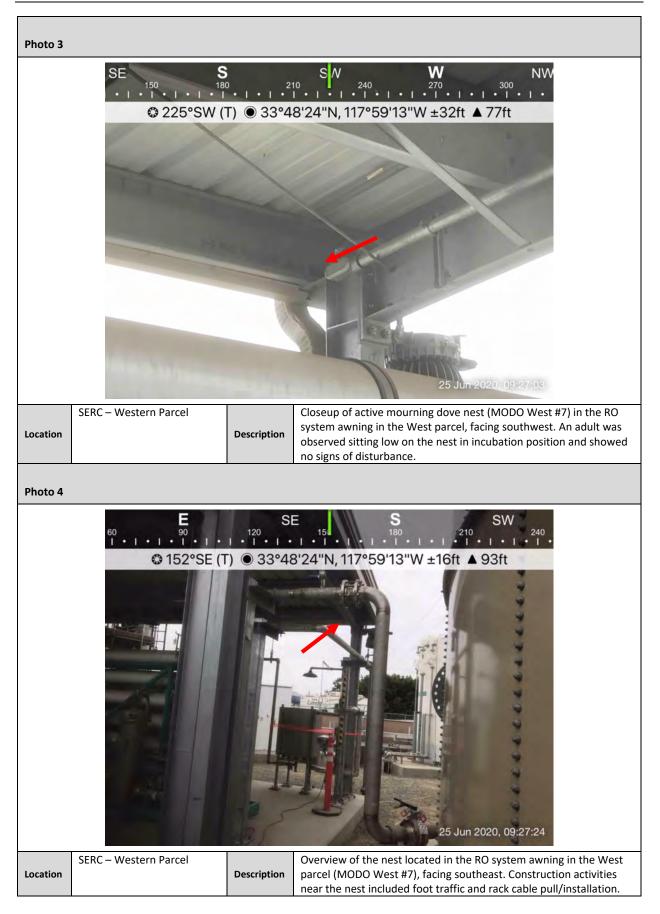
Items Requiring Action/Follow-up

• 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*), Cassin's kingbird (*Tyrannus vociferans*), killdeer (*Charadrius vociferus*)





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

Date			Monitor			Time (Begin-End)
June 26, 202	2		Cara Snellen			0900-1100
Temperature (°F)	Wind	l (mph)	Precipitation amount	Visibility	We	eather Comment
69-71		1-5	0.0 in.	Good (10 mi.)	Mostly clo	oudy/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; cable rack pull/installation; trenching; movement of materials/equipment; foot/vehicle traffic.

**Eastern Parcel** – Ongoing activities included overhead rack cable pull/installation; control room operations; work in Unit 1 and 2; foot/vehicle traffic; parking.

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

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

Gas Pipeline – 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. 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 position. A second adult was observed perched nearby. The adults
  were not disturbed by the presence of the biologist. Construction activities in the vicinity of the nest included
  minimal foot/vehicle traffic and work inside Unit 1, approximately 75 feet away.
- MODO nest #7 in Western Parcel (RO system awning) –An adult mourning dove was observed sitting low on the nest in incubation position. A second adult was observed perched nearby. The adults were not disturbed by the presence of the biologist or nearby construction activities. Construction activities in the vicinity of the nest included cable rack pull/installation and foot traffic.

#### **Other Biological Resources Observations:**

• None

#### **Other Observations/Comments:**

None

Items Requiring Action/Follow-up

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

#### Wildlife Species Observed:

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





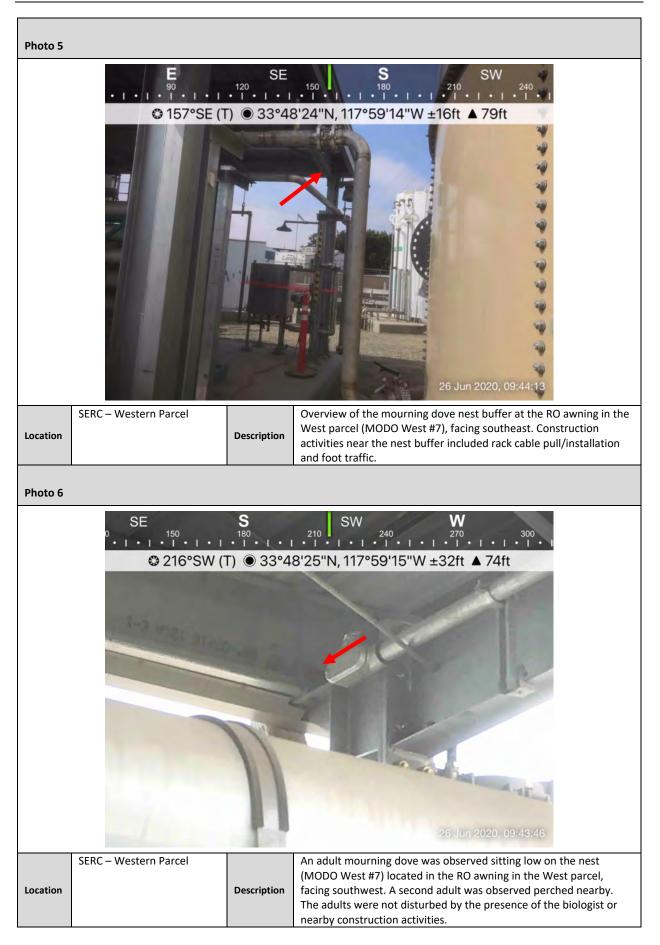


Photo 7		
SE <sup>20</sup> · · · · · <sup>150</sup> · · · · 213°SW	S ↓ ↓ 180 ↓ ↓ ↓ ↓ ↓ ↓ (T) ● 33°4	SW 240 W 270 300 48'25"N, 117°59'5"W ±16ft ▲ 81ft
-		26 Jun 2020, 09:49:57
Location SERC – Western Parcel	Description	Overview of the mourning dove nest buffer in the trash enclosure near the Dale Avenue entrance of the East parcel (MODO East #6), facing southwest. Construction activities in the vicinity of the nest included minimal foot/vehicle traffic and work inside Unit 1, approximately 75 feet away.
Photo 8		
SE • I • I • I • I • I • I • 187°S (1	• <sup>150</sup> • I • I • I T)	S SW W 180 210 240 270 240 270 18'25"N, 117°59'5"W ±16ft ▲ 75ft
		26 Jun 2020, 09:49:44
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.





			BIO	rgy Reliability LOGICAL RESO ANCE MONITO		
Date				Monitor		Time (Begin-End)
June 29, 202	June 29, 2020		Cara Snellen			0900-1000
Temperature (°F)	· Wind (mph)		Precipitation amount	Visibility	We	eather Comment
65-67	65-67 1-2 0.0 in. Good (10 mi.) Cloudy/overcast to partly cloudy					
Location(s) of Wor	k Site Ac	tivities Mo	nitored			

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

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

SERC Site:

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

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

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard - Ongoing activities included material storage. Gate is locked and parcel is currently inaccessible.

#### SERC Amendment Area:

Parcel A – Ongoing activities included parking; foot traffic.

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

Parcel C – Ongoing activities included parking; foot traffic.

Summary of Biological Resources Monitoring Observations

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

#### Special-Status Species Observed:

None

#### Nesting Bird Observations:

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

#### **Other Biological Resources Observations:**

None

#### **Other Observations/Comments:**

None

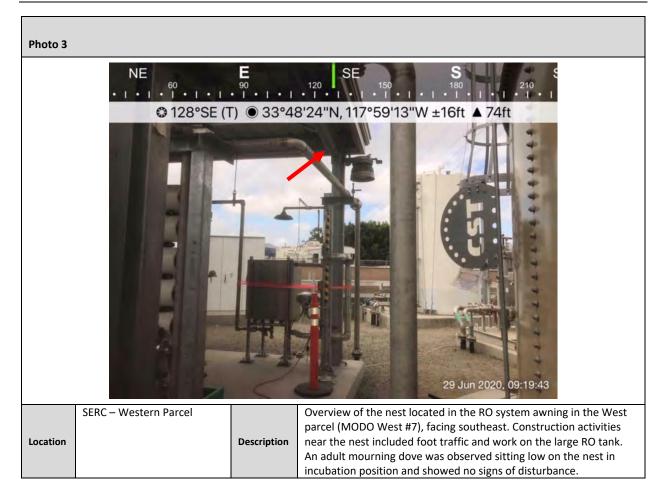
#### Items Requiring Action/Follow-up

• 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*)





			BIO	rgy Reliability LOGICAL RESC ANCE MONIT(		
Date	Date Monitor Time (Begin-End)				Time (Begin-End)	
June 30, 202	June 30, 2020		Cara Snellen		1115-1215	
Temperature (°F)	Win	d (mph)	Precipitation amount	Visibility	We	eather Comment
72-74		3-5	0.0 in.	Good (10 mi.)	Clear/sunny	
Location(s) of Wor	k Site Ad	tivities Mo	nitored			

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 and cable rack connection; material fabrication/inventory; minor earthwork; movement of materials and equipment; foot/vehicle traffic.

West Laydown Yard – Ongoing activities included foot traffic.

East Laydown Yard – 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 position. No other mourning doves were present in the area. The adult was not disturbed by the presence of the biologist. Construction activities near the nest included minimal foot traffic.
- MODO nest #7 in Western Parcel (RO system awning) An adult mourning dove was observed sitting low on the
  nest in incubation position. No other mourning doves were present in the area. The adult was not disturbed by the
  presence of the biologist or the nearby construction activities. Construction activities near the nest included foot
  traffic, material inventory/movement, and work on the large RO tank.

#### **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*), lesser goldfinch (*Spinus psaltria*), turkey vulture (*Cathartes aura*), barn swallow (*Hirundo rustica*)

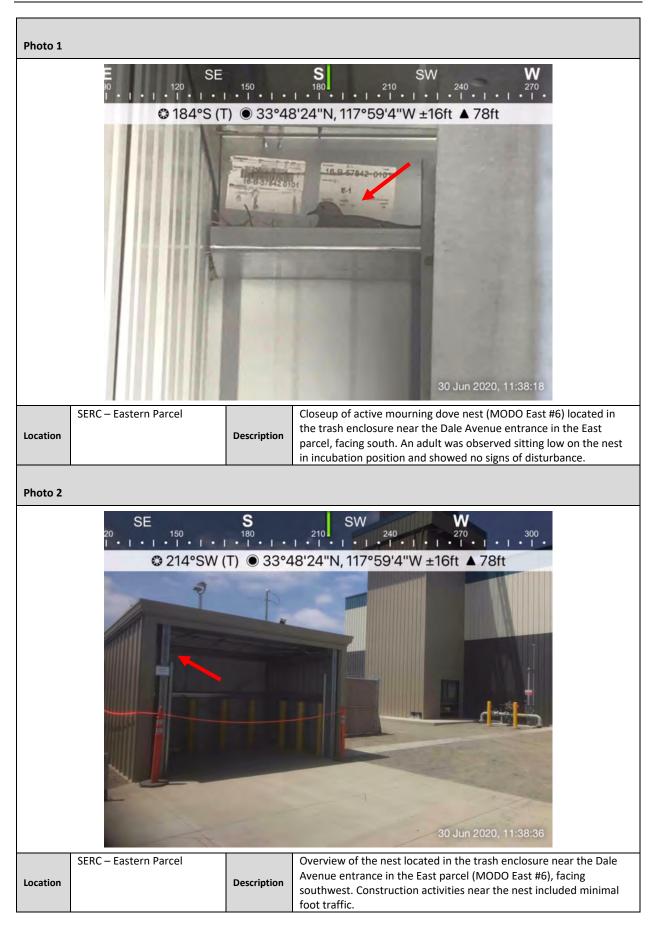


Photo 3			
			E SE 90 1 120 150 24"N, 117°59'13"W ±16ft ▲ 79ft
	CEDC Wasters Percel		30 Jun 2020, 11:31:07
Location	SERC – Western Parcel	Description	Closeup of active mourning dove nest (MODO East #7) located in the RO system awning in the West parcel, facing southwest. An adult was observed sitting low on the nest in incubation position and showed no signs of disturbance.
Photo 4			
			E S SW 15 14"W ±16ft ▲ 83ft
			30 Jun 2020, 11:31:31
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, material inventory/movement, and work on the large RO tank.

Appendix C Wildlife Species List

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

Common Name	Scientific Name	Status Federal/State/Other
Birds	· · ·	
Allen's hummingbird	Selasphorus sasin	//
American crow	Corvus brachyrhynchos	//
Barn swallow	Hirundo rustica	//
Black phoebe	Sayornis nigricans	//
Bushtit	Psaltriparus minimus	//
Cassin's kingbird	Tyrannus vociferans	//
Common Raven	Corvus corax	//
Cooper's hawk	Accipiter cooperii	/WL/
Eurasian collared dove	Streptopelia decaocto	//NP
European starling	Sturnus vulgaris	//NP
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

#### **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 <u>(Environmental Awareness)</u> Program for Employees on site at the SERC Project. By signing below, the participants indicate that they understand and shall abide by the guidelines set forth in the Program materials.

No.	Employee Name	Company	Signature	Date
1.	LIAM SHINE	RRUSH	6hr	06/01/20
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No.	Employee Name	Company	Signature	Date
1.	Employee Name Cara Snellen	Jacobs	Signature	6/1/2020
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

No.	Employee Name	Company	Signature	Date ,
1.	FRANCISCO ESPINIOSA	HAYDEN INDUSTR		Date 06/02/20
2.	Joseph Newby	Southern	tough 1/2	6/2/2020
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

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

No.	Employee Name	Company	Signature	Date
1.	Danicsa Perez	Genesis cleaning :	5197	6-5-20
2.	Alvaro Morales	Martinez Steel	- Aller - 1	6-5-20
3.	Tyler Moore	Southern Contracting	de Tyle st	6-5-20
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No.	Employee Name	Company	Signature	Date
1.	Jose S. Vellisco	Couco	Jose Stelascu	06/06/20
2.	Jesus Castro	Conco	Sac	616/20
3.	Ricardo colocho I	Conco	Chilles	6/6/20
4.	Marco A Landeros	conco	Marco A Londerg	616120
5.	REPARANDO GELiens	SOLEDAD	Gennado Gusiolle	2010/20
6.	Alberto Ariar	COACO	Alberto Ariar	6/6/20
7.	Carlos Ambria	Concu	Coly a Ambin	6-6-20
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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

No.	Employee Name	Company	Signature	Date
1.	Joison Spring	mAQS	424	6.8.20
2.	Brian Bates	SAEWAY	m	6-8-20
3.	Larcan Waarter	satway	Vallet	6.8:20
4.	Fidel Cyperous	Sufia,	from	10 0.70
5.	Timothy Dellore	Granilex	Jun Delou	618/20
6.	Robert Dore	Southern	MAJant	6/8/20
7.	Alberto MUZA	Bently Neucon	And	6/8/20
8.	Martin Canton	Southern	Alter	1-970
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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

No.	Employee Name	Company	Signature	Date
1.	De Ortegn	Southern	ma	6/4/20
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

No.	Employee Name	Company	Signature	Date
1.	Marcos Reves	Safway	man	6-10-20
2.	MICHAEL GILLILAND	SouthERN	1. cpt	6/10/20
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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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1.	Anthony Estrada	Brand /Satury	dt the	6/11/20
2.	Alberto Horrara	Brand-saturay	allato Atim	6-11-20
3.	KILE BAKER	MR-CRANE	de	6/11/20
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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

No.	Employee Name	Company	Signature	Date
1.	Ruben Aquilar Solis	Hayden Ind. Prod.		06/12/2020
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

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1.	Bernordo Arionio	LAEC	12 fr	6-15-20
2.	Brian Cliver	AEC	Bundar	6-15-20
3.	Senn Morrissing	AEC	Any	6/15/20
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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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1.	JOE ZIELINIE	CONTOR	for m	10-16-2
2.	MARIL SIMPSON	Murray Co	m.L	6-16-24
3.	CARL HILL	MUREAV CO	1 hill	6-16-20
4.	Tustia Bysserman	INST	Tunna ( M	6/11/2
5.	Alonso Goozgles	Safway	Vo A	1-16-2
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7.	Dillon Jones	Southern	1. Dille Var Dr	6-16-20
8.	FRANK BAZZO	SOUTHERN	1 Con 18	6.16.20
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No.	Employee Name	Company	Signature	Date
1.	MAPhuri LAtchman	AEC	Milit	17 June
2.	MARCOA-QUIZ	GRANITEX	minto- a Aler	6/12/20
3.	JOHN HAYS	SOUTHERN	Xaa	17-JUNE
4.	Van Schmidle	Southern	Demos Mark	-6-17-72
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No.	Employee Name	Company	Signature	Date
1.	HEATOR PRECIMOS	SAFWA-1	ADA	618.20
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No.	Employee Name	Company	Signature	Date
1.	Jose lighteros	SAFWAY	1 mg	6-19-20
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No.	Employee Name	Company	Signature /	Date
1.	KENIN BROWN	ANP SOUTHERN	Kam Brown A	6/21/2020
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

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.	CHRIS ENRIQUEZ	ANIO Souther	Chris Emytas	6-22-20
2.		Herzog	Ry Man	6-22-20
3.	Roy Hanson DARRYL MOSLEY	HEREOG	Darry Mosley	6-22-20
4.	Kudy Sievra.	pmi	per 1	4/22/2
5.	laime Guerrero	POMOT	Sand que	06-22-20
6.	ANGEL MARIN	HERZOO	Centrara	6.72.20
7.	Boon Lawrence	GasTOPS	Bont	- 10=22-2
8.	Joshim Bueni	Bailse electric	2a	6-22-20
9.	Minis flates	Baze Electric	Munil Ina	6-22-20
10.	Paul Boize	Brize Flee	A A	6-27-20
11.	Breas Putrice PC	BAIZEEU	Bur Elely	6-22-2
12.	Sergio Taboada	Strata Power	Alexant	6-22-20
13.	Jacob Romeno	AEC	1 good have	6-22-20
14.	THOR LUNDE	STRATA POULD	The free	6-12-20
15.	SCOTT HATHOUST	WELCHEAP	Scott he	6-22-20
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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

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

No.	Employee Name	Company	Signature	Date
1.	Alexander M. Jackson	AEC	Alle al	6-23-2020
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Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

This is to certify the below-mentioned individuals have completed a mandatory California Energy Commission-approved Cultural, Paleontological, and Biological Resources Education <u>(Environmental Awareness)</u> 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	Signaluje	Date
1.	Aleidado Gomey	Proberred Ins.	And	6/24/20
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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.	MIRE MELLINGER		AN UNAS	6/25/20
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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

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.	Morgan Hocking	Prefaired	10 gor lee s	6262
2.	Joannin Curvillo,	Brandsafrag	The company	6/26/20
3.	Rigardo Preciado	Brandsafura	1 her	612612
4.	MARIO GARUM	BHANDSOFF	y MM	6/26/2
5.	Joshua Giles	Brentstray	102/	N2612C
6.	Raul Guevara	Brand-Serfwan		6/26/2
7.	Juan Mayoria,	Brand-Satural	OFF	C17611C
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Trainerjore Rushin Garmo Signature: Jour Olla Date: 06 / 26 / 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 <u>(Environmental Awareness)</u> 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.	Tose Villarreal	OP STEEL	Aller	6/27/20
2.	Albert Villameal	OPSTEEL	Austant	14/22/20
3.	Juan Chavez	OP STEEL	Misth	6127120
4.	Eric Barboza	OP STEEL	Elis Bouloge	6/27/20
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Attachment 5 – CIVIL

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

Attachment 6 – Cultural Resources



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

Prepared For:	John Heiser/California Energy Commission Tim Bofman/SERC, LLC
Copies:	Carmen Gratais, SERC, LLC Doug Davy/Jacobs Karen Parker/Jacobs Phil Reid, CRS/Jacobs
Prepared By: Reporting For Period:	Natalie Lawson, Alternate CRS / PaleoWest June 2020

This June 2020 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from June 1 through June 30, 2020 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. Excavations in June were limited to excavations for conduit on Parcel 2 for the BESS and augering for light posts. The MCR is prepared in accordance with the current (November 2018) Cultural Resources Mitigation and Monitoring Plan (CRMMP) and as required by California Energy Commission license Condition of Certification CUL-6.

## Personnel Active in Monitoring This Period

PaleoWest Cultural Resources Monitor (CRM) Jennifer (McElhoes) Moritz monitored during this reporting period.

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

Date	CRMs	NAMs
06/25/2020	1	1
06/26/2020	1	1
06/27/2020	1	1
06/29/2020	1	1
Total CRM/NAM-Days	4	4

### TABLE 1

### Number of CRMs and NAMs Present, by Date



## **Overview of Monitoring Work and Any Issues**

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

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

## **Cultural Resources Discoveries This Period**

No cultural resources were discovered during the month of June.

## Fulfillment Requirements of Each Cultural Resource Mitigation Measure

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

Measure	Requirements	State of Compliance
CUL-1: Appointment and Qualifications of Cultural Resources Personnel	<ul> <li>Owner must appoint a designated Cultural Resources Specialist (CRS) and Alternate CRSs. CRS will manage monitoring and reporting and make recommendations regarding eligibility of finds for California Register of Historical Resources</li> <li>CRS may obtain services of Cultural Resources Monitors (CRMs) and Native American Monitors (NAMs)</li> <li>CRS may obtain services of additional technical specialists as needed.</li> </ul>	<ul> <li>In compliance</li> <li>Owner has appointed CRS and Alternate CRS. CRS is directing monitoring.</li> <li>CRS has obtained services of CRMs and NAMs</li> <li>No additional technical specialists have been required</li> </ul>
CUL-2: Information to be Provided to CRS	<ul> <li>Owner must provide CRS with project information including the Application for Certification, cultural resources reports, data request responses, Final Staff Assessment, and Commission Decision, and project designs and maps.</li> <li>Owner must provide CRS with a weekly construction schedule</li> <li>Owner must notify CRS of any changes to construction phases.</li> </ul>	<ul> <li>In compliance</li> <li>Owner has provided CRS with project information and maps</li> <li>Owner provides three-week lookahead schedule weekly</li> <li>There have been no changes to the construction phases.</li> </ul>
CUL-3: Cultural Resources Mitigation and Monitoring Plan (CRMMP)	<ul> <li>The CRS must prepare a CRMMP, including a research design, implementation schedule, identification of cultural resources personnel, plan for Native American participation, description of impact avoidance measures, plan for curation, and LORS compliance plan for human remains.</li> </ul>	<ul> <li>In compliance</li> <li>The CRMMP has been prepared and approved by the CPM</li> </ul>

## TABLE 2



TABLE 2
Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
CUL-4: Final Cultural Resources Report	The CRS must prepare a final Cultural Resources Report after construction is complete summarizing all field activities and including copies of all DPR forms and cultural resources reports associated with project construction.	Not applicable – construction is not completed.
CUL-5: Cultural Resources Worker Environmental Awareness Program (WEAP)	<ul> <li>The CRS must prepare a WEAP training module and brochure describing the potential for cultural resources discovery, procedures to follow in case of emergency discovery, and penalties for non- compliance.</li> <li>All workers must receive the training during their first week on on-site employment and must sign a sheet documenting that they have received the training</li> </ul>	<ul> <li>In compliance</li> <li>All workers on site have viewed the video/PowerPoint training and signed the documentation sheet (found in the Biological Resources Compliance report).</li> </ul>
CUL-6: Cultural Resources Monitoring	<ul> <li>The CRS, Alt CRS, or CRMs must be onsite to monitor ground disturbance in native (non-fill) soils.</li> <li>The CRS must obtain the services of a NAM to monitor ground disturbance in non-fill sediments.</li> <li>CRMs and NAMs must prepare a daily field report, to be submitted daily by the CRS.</li> <li>The CRS must prepare a Monthly Compliance Report summarizing activities of CRS, CRMs, and NAMs.</li> <li>The CRS must report incidents of non-compliance with LORS</li> </ul>	<ul> <li>In compliance</li> <li>The CRS or CRM has monitored ground disturbance.</li> <li>A NAM monitored ground disturbance</li> <li>The CRS has submitted the daily field reports</li> <li>The CRS has prepared this Monthly Compliance Report</li> <li>There have been no incidents of non-compliance with LORS</li> </ul>
CUL-7: Powers of CRS/Cultural Resources Discovery Protocol	<ul> <li>The CRS has authority to halt construction in the event of a cultural resource find</li> <li>The CRS or CRM must record the find on Form DPR-523 and notify the CPM</li> <li>If human remains are found, the CRS must notify the Native American Heritage Commission.</li> <li>If the find would be of interest to Native Americans, the CRS must notify Native American groups that have expressed an interest in notification.</li> </ul>	<ul> <li>In compliance</li> <li>No cultural resources were found this month</li> <li>No human remains have been found</li> <li>No finds of interest to Native Americans have been made</li> </ul>
CUL-8: Fill Soils	If the project will use fill from a non-commercial borrow site or deposit sediments in a non-commercial fill site, the CRS must conduct a pre-construction cultural resources survey of the site.	<ul> <li>In compliance</li> <li>No new sources of non-commercial fill or disposal were identified for use this month.</li> </ul>

## WEAP Training This Period

All on-site staff received cultural resources Worker Environmental Awareness Program (WEAP) training prior to starting work on site this month. From June 1 to 30, 2020, a total of 110 persons completed the SERC WEAP training. The hard copy training logs for the June 2020 reporting period are included in the Biological Resources Monthly



Compliance Report.

## Anticipated Changes in the Next Period

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

Comments, Issues or Concerns

None.

Attachment 7 - Paleontology

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

Prepared For: Doug Davy/Jacobs Karen Parker/Jacobs

Prepared By: Niranjala Kottachchi/PaleoWest

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

Personnel Active in Paleontological Monitoring This Period

None – Please see below.

Monitoring and Associated Activities This Period

PaleoWest's Principal Investigator, Niranjala Kottachchi conducted the paleontological monitoring program for the Project. Excavations during the month of June focused on excavations/trenching for conduits and augering for light posts in Parcel 2. No excavation this month exceeded 10 feet below the surface. As per the Paleontological Resources Monitoring and Mitigation Plan (PRMMP), the stratigraphy of the upper 10 feet consists of disturbed/artificial fill and/or younger Quaternary alluvium (found below the disturbed/artificial fill), both of which have low paleontological sensitivity. Due to the nature of the soils, no paleontological monitoring was required.

Paleontological Resources Discoveries This Period

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

Anticipated Work and/or Changes in the Next Period

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

Comments, Issues or Concerns

None to report.

Attachment 8 – ELEC-1



DATE: June 16, 2020

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

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

CC: Eric Rodriguez, Lead Engineer NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_ELEC-1-25.0\_X1\_BESS AREA LGT & SECURITY PLNS\_200601\_PCF

### MEMORANDUM:

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

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

#### SERC\_16-AFC-01

#### --- REVIEWED ----

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

Digitally signed by Alan Vallow, PE Reason: Reviewed for Code Compliance Date: 2020.06.16 07:41:08 -07'00'



DATE: June 11, 2020

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

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

CC: Eric Rodriguez, Lead Engineer NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_ELEC-1-32.0\_BESS AREA GA\_REV0\_200602\_PCF

### MEMORANDUM:

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

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

#### SERC 16-AFC-01

--- REVIEWED ----

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

Digitally signed by Alan Vallow, PE Reason: Reviewed for Code Compliance Date: 2020.06.11 10:27:36 -07'00'



**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. <u>Alan.Ho@nv5.com</u> 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'



**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. <u>Alan.Ho@nv5.com</u> 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

Transfers



Home Accounts Payments

Check Services Tools

View US Wire

Use this page to view a US Wire

#### View Payment History

**Payment Information** 

Status	Confirmed
Confirmation Number	IMAD:0612L4B74B1C000028
Payment Number	52337342
Debit Account	SERC OP - ******6538
Debit Amount	179,005.70 USD
Value Date	06/12/2020
Send Date	06/12/2020
Frequency	One-Time Only
<b>Reference for Recipient</b>	163283
Details of Payment	Stanton Energy Reliability Center Project 550818-0000020,00 Invoice 163283
Ordering Customer	-

#### **Recipient Information**

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

#### Options

**Intermediary Bank** 

**Receiving Bank** 

**Bank to Bank Information** 

<u>Cancel</u>

<u>Help</u>

Timeout: 0:14:57

Attachment 11 – GEN-6 Special Inspectors

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

Attachment 12 – Gen-7 Discrepancy

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

Attachment 13 – GEN-8 Final Inspections

# **INSPECTION REQUEST**

**REQUESTED INSPECTION DATE / TIME: 200518** 

INSPECTION NUMBER (File Name): SERC\_16-AFC-01\_BESS AREA\_Sleeper Foundation\_200518

**CONTRACTOR:** TTS CONSTRUCTION CORPORATION

**CONTACT PERSON:** RUDGE WYNN

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.): Sleeper type No. 1 Foundation

TYPE OF INSPECTION: XNew □Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

PLEASE SEE DWG SF01-108

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

DATE:

OFFICES NATIONWIDE

2525 NATOMAS PARK DRIVE, STE 300 | SACRAMENTO, CA 95833 | WWW.NV5.COM | OFFICE 916.641.9100 | FAX 916.641.9222

NVt

# **INSPECTION RESULT**

INSPECTION MADE: SERC\_16-AFC-01\_BESS AREA\_Sleeper Foundation\_200518

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

## APPROVED □ REINSPECTION REQUIRED

**AT RISK PHASE PASS** 

SIGNATURE:



DATE: 6/03/20

### **COMMENTS:**

Approved with no exceptions taken

OFFICES NATIONWIDE

N V 5

# **INSPECTION REQUEST**

REQUESTED INSPECTION DATE / TIME: 200521

INSPECTION NUMBER (File Name): SERC\_16-AFC-01\_BESS AREA\_Sleeper Foundation (2) SWGR & HPSUL Flatwork 200521

**CONTRACTOR:** TTS CONSTRUCTION CORPORATION

CONTACT PERSON: RUDGE WYNN

AREAS TO BE INSPECTED (<u>ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.)</u>: Sleeper type No. 1 Foundation (2), SWGR No. 1 and HPSU Flatwork

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

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

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

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

DATE: \_\_\_\_\_

NV

OFFICES NATIONWIDE

2525 NATOMAS PARK DRIVE, STE 300 SACRAMENTO, CA 95833 WWW.NV5.com OFFICE 916.641.9100 FAX 916.641.9222

CONSTRUCTION QUALITY ASSURANCE - INFRASTRUCTURE - ENERGY - PROGRAM MANAGEMENT - ENVIRONMENTAL

## **INSPECTION RESULT**

INSPECTION MADE: SERC\_16-AFC-01\_BESS AREA\_Sleeper Foundation (2) SWGR & HPSU Flatwork\_200521

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

### APPROVED □ REINSPECTION REQUIRED

**AT RISK PHASE PASS** 

SIGNATURE:



DATE: 6/03/20

#### **COMMENTS:**

Approved with no exceptions taken

OFFICES NATIONWIDE

NV5

## **INSPECTION REQUEST**

REQUESTED INSPECTION DATE / TIME: 200626 / 1000

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

**CONTRACTOR:** TTS CONSTRUCTION CORPORATION

CONTACT PERSON: RUDGE WYNN

AREAS TO BE INSPECTED (<u>ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.)</u>: BESS Above Ground Raceway Unit 1 and Unit 2.

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

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Dwg ER07-101 through ER07-105

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

DATE: 200627

OFFICES NATIONWIDE

2525 NATOMAS PARK DRIVE, STE 300 SACRAMENTO, CA 95833 WWW.NV5.com OFFICE 916.641.9100 FAX 916.641.9222

## **INSPECTION RESULT**

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

DATE / TIME: 200627 INSPECTOR: V.Gruber	date / time: 200627	INSPECTOR: V.Gruber
---	---------------------	---------------------

□ REINSPECTION REQUIRED **AT RISK PHASE PASS** 

SIGNATURE:



DATE: 200627

#### **COMMENTS:**

Reviewed tray support and laterals. NEMA VE2

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

OFFICES NATIONWIDE

NVJ

## **INSPECTION REQUEST**

REQUESTED INSPECTION DATE / TIME: 200605 / 1300

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

**CONTRACTOR:** TTS CONSTRUCTION CORPORATION

**CONTACT PERSON:** RUDGE WYNN

AREAS TO BE INSPECTED (ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.): Mezzanine Floor 'B' deck and reinforcing

TYPE OF INSPECTION: XNew □Re-Inspection Previous IR #:

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

Dwg SF07-200 rev 3 and SI 105

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

DATE: \_\_\_\_\_

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NV

## **INSPECTION RESULT**

INSPECTION M	ADE: Deck reint	forcement (Concrete	e pour)		
date / time: 200606			INSPECTOR: V.Gruber		
⊠ APPROVED □ DISAPPROV □ REINSPECT	'ED	RED	□AT RISK □PHASE PASS		
SIGNATURE:	ENCLARATEM - EVENTRED- The outer annulation by well welling at the PRA provide a standard with your all welling at the PRA provide a standard welling at a sparses at These the provide at the PRA method of the PRA standard at the PRA	Digitally signed by Vlctor Gruber Date: 2020.06.06 10:44:27 -07'00'	DATE:		

#### **COMMENTS:**

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

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NV

## **INSPECTION REQUEST**

REQUESTED INSPECTION DATE / TIME: 200626 / 1300

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

**CONTRACTOR:** TTS CONSTRUCTION CORPORATION

CONTACT PERSON: RUDGE WYNN

AREAS TO BE INSPECTED (<u>ATTACHED ALL RELEVANT PLANS, PHOTOS, ETC.)</u>: BESS POWELL SWITCHGEAR Unit 1 and Unit 2.

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

COMMENTS (ATTACH ADDITIOANL PAGES IF NEEDED):

CLEAN AND CLOSE INSPECTION

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

DATE: \_\_\_\_\_

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CONSTRUCTION QUALITY ASSURANCE - INFRASTRUCTURE - ENERGY - PROGRAM MANAGEMENT - ENVIRONMENTAL

## **INSPECTION RESULT**

INSPECTION MADE: <sup>15kv switchgear</sup>					
DATE / TIME: 200627 INSPECTOR: V.Gruber					
<ul><li>☑ APPROVED</li><li>□ DISAPPROVED</li><li>□ REINSPECTION REQUIRED</li></ul>			□AT RISK □PHASE PASS		
SIGNATURE:	SINC_MARCM - REVENED - The standard as by odd for addition to be (20). The standard as a distance of the standard as a dis	Digitally signed by VIctor Gruber Date: 2020.06.27 08:47:21 -07'00'	DATE:		

#### **COMMENTS:**

Reviewed switchgear with owners and contractors. Minor items have been adjusted. There are several as-built items that will be submitted at a later date. This inspection is part of energizing of the 15Kv switchgear. Once we final the generator tie in then ok to proceed. No concerns at this time.

OFFICES NATIONWIDE

N V 5

Attachment 14 – SOIL&WATER-4 Water Use

# MONTHLY WATER USAGE LOG

## JUNE 2020

	Meter # 193	33855	Hydrant Met	er on Pacific	Pacific Street (	СВО)
	8320 Pacific	St.	8320 Pacific	St.	8230 Pacific Str	eet
l	Stanton, CA	90680	Stanton, CA9	0680	Stanton, CA 90	580
Date	Meter Read	Cuft	Meter Read	CuFt		
5/31/2020	3832.1		N/A			
6/1/2020	3832.1	0	N/A		106689	15
6/2/2020	3832.1	0	N/A		106704	30
6/3/2020	3832.1	0	N/A		106734	51
6/4/2020	3832.1	0	N/A		106785	34
6/5/2020	3832.1	0	N/A		106819	60
6/6/2020	3832.1	0	N/A			
6/7/2020	3832.1	0	N/A			
6/8/2020	3832.1		N/A		106879	61
6/9/2020			N/A		106940	115
6/10/2020			N/A		107055	53
6/11/2020	3832.1		N/A		107108	31
6/12/2020			N/A		107139	65
6/13/2020			N/A			
6/14/2020			, N/A			
6/15/2020			N/A		107204	72
6/16/2020			, N/A		107276	36
6/17/2020			, N/A		107312	60
6/18/2020			, N/A		107372	9
6/19/2020			N/A		107381	40
6/20/2020			N/A			
6/21/2020			, N/A			
6/22/2020			, N/A		107421	42
6/23/2020			N/A		107463	42
6/24/2020			N/A		107505	42
6/25/2020			N/A		107547	42
6/26/2020			N/A		107589	42
6/27/2020			N/A		107631	42
6/28/2020			N/A		107673	42
6/29/2020			N/A		107715	42
6/30/2020			N/A		107757	3
7/1/2020			N/A		107760	
., ±, 2020	5052.1					
CuFt Sub Total		0		0		1071
CuFt Total		1071				

Attachment 15 – SOIL&WATER-8 Encroachment Permit

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

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



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

TTSC continued working with SERC/NV5/Jacobs to commence site safety protocols including the implementation of the site-specific training program as well as the WEAP orientation. Additional training regarding COVID-19 has been added to be a part of the site-specific training requirement. This includes daily reminders of hand washing and social distancing. Temperatures of each team member are taken during the morning safety meeting as the employees enter the jobsite. Hand sanitizer has been placed around the jobsite in multiple locations. Additionally each employee entering the site is required to answer a questionnaire confirming their current health and if they have had any close contact with COVID-19.

Major site activities for the month of June included:

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

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

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

For the month of June we note the following:

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

Jorge Garcia jgarcia@SMARTSafetyGroup.com 432-661-3684 Attachment 19 – CIVIL-3 Non-Compliance Reports

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

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

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

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

SERC	
COMPLAINT REPORT AND RESOLUTION LOG	

Incident #	Incidents Occurred this Period	Resolution Actions Taken	Status of Unresolved Actions form Previous MCR's
01	Complaint about Track-out on Dale Ave.	All construction equipment vehicle tires shall be inspected and washed as necessary to be cleaned free of dirt prior to entering Dale Ave.	N/A
		<ol> <li>Additional gravel was added to the existing ramps at the tire washing/cleaning station</li> </ol>	
		<ol> <li>Additional laborers were assigned to the Dale Ave entrance when there is a risk of any track-out to scrape and sweep immediately. A Sweeping machine is being kept on location and be used as necessary to clean up all track-out.</li> </ol>	
		3. The assigned laborers will also be sweeping the rumble plates when build-up occurs to maintain the efficiency of the plates.	
		4. Above and beyond, the contractor added another set of rumble plates and gravel at the Dale Ave. entrance.	
02	Noise Complaint	SERC received a noise complaint at 9:33am on Friday, April 5, 2019. The complaint came from a Mr. Hill who lives at the Katella Mobile Home Estates located at 10800 Dale Ave, Stanton, CA. Mr. Hill complained about the use of a chainsaw at 3:10 am on Saturday morning (3/30/19) and hearing an air compressor and the hammering of nails at 3:25 am on Monday morning (4/1/19). Representatives from SERC spoke with Mr. Hill at 2:19pm on Friday April 5 <sup>th</sup> to better understand his complaint.	
		SERC investigated the incident with ARB and confirmed that there was no activity on the SERC site during these hours. The Noise Complaint Resolution Form (COC NOISE 2) was submitted to the CPM documenting the complaint.	

Attachment 22 – MECH-1 CBO Inspection Approvals

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

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

End Report