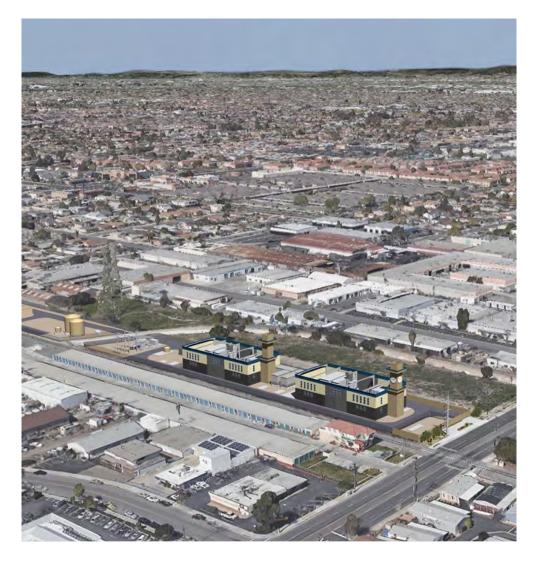
DOCKETED	
Docket Number:	16-AFC-01C
Project Title:	Stanton Energy Reliability Center - Compliance
TN #:	231297
Document Title:	Stanton Energy Reliability Center MCR No 10
Description:	Monthly Compliance Report
Filer:	John Heiser
Organization:	Wellhead
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# **Stanton Energy Reliability Center**

CEC Docket No. 16-AFC-01 Monthly Compliance Report No. 10 Reporting Period: November 2019



Prepared by Stanton Energy Reliability Center, LLC (SERC) Submitted December 15, 2019 Table of Contents

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## Key Events List

PROJECT:	Stanton Energy Reliability Center	
DOCKET #:	16-AFC-01	
COMPLIANCE PROJECT MANAGER:	John Heiser	
EVENT D	ESCRIPTION	DATE
CEC Decision Date		November 7, 2018
Obtain Site Control		February 12, 2019
Online Date		July 1, 2020
POWR PLANT	SITE ACTIVITIES	
Start Site Assessment/Pre-Constructio	n	January 31, 2019
Start Site Mobilization/Construction		February 12, 2019
Begin Pouring Major Foundation Conc	rete	March 29, 2019
Begin Installing Major Equipment		September 4, 2019
Completion of Installation of Major Eq	uipment	December 24, 2019
First Combustion of Gas Turbine		February, 2020
Obtain Building Occupation Permit		TBD
Start Commercial Operation		BESS July 1, 2020;
		LM6000 July 1, 2020
Complete All Construction		April 28, 2020
	N LINE ACTIVITIES	
Start Transmission Line Construction		August 2019
Complete Transmission Line Construct	ion	January 2020
Synchronization with Grid and Interco	nnection	March 2, 2020
FUEL SUPPLY	LINE ACTIVITIES	
Start Gas Pipeline Construction and Int	terconnection	August 2019
Complete Gas Pipeline Construction		January 2020
	Y LINE ACTIVITIES	
Start Water Supply Line Construction		TBD
Complete Water Supply Line Construct	tion	TBD

## 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: November 2019.

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).

November has been another productive month for setting equipment and erection on Parcel 1. Erection work has focused on installing Unit 1 Combustion Turbine (CT), Emission Reduction Unit (ERU) module erection and setting miscellaneous equipment around Unit 1. Switchyard erection by Newton's crew is complete and on schedule.

During October 2019, the general contractor awarded the Startup and Commissioning activity to Universal Energy (UEI). On November 21, 2019 a commissioning kick-off meeting was held.

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

As of 12/2/2019, 11,350 feet of the natural gas line pipe has been installed. In-service date is anticipated mid-February 2020. Gas in-service date expected by mid-February 2020.

Barre substation construction activities are in progress and scheduled to complete in January 2020. Gen-tie construction on SCE property and pulling of conductors is in progress and scheduled to complete in January 2020. In-service testing is scheduled for early February 2020. SCE anticipates beginning work in SERC's Skip Substation by January 6, 2020. Estimated back feed into Skip Substation is forecast to begin February 7, 2020.

Battery Energy Storage System (BESS) construction has not yet commenced. 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 November 2019.

Activity	Percent Complete
Engineering	
Power Island	99%
CBO Support	82%
BESS Design	70%

Procurement	
Owner Supplied Equipment	100%
Contractor Supplied Equipment	93%
Construction	
Power Island	65%
BESS	1%

#### 1.1 Engineering

Through the month of November 2019, Power Engineers evaluated the following: ARB change order for surfacing and grading; request for welding to EGT structural steel; stack sheeting plan. Jarod Miller submitted updated hydrology calculations in November. Power Engineers completed and issued the following: 15-kV switchgear relay settings; 480V MCC main breaker LSI settings and 480V electronic overload settings; relay settings report. Power Engineers updated and issued ER001-001 per SCE easement package and SERC comments for DCBO review package. For the supervisory control system, Power Engineers continued with the development of logic for the interface to the gas turbine (load control) and to the hybrid control system and received an example of the Prosoft card speed logic.

For the BESS system, in November, Power Engineers received direction from SERC to tie-in to plant supervisory control system at the water treatment network switch. Power Engineers submitted to platform supplier additional design information regarding parapet, gutters, lighting and lightning air terminal strategy, for incorporation into platform calculations. Jarod Miller provided an updated hydrology report on the west parcel and Power Engineers commenced modifications to all civil drawings impacted by the updates.

November site visits included a visit to prepare the DCBO required site report, a visit by the electrical engineer to resolve questions with the contractor, and a visit to discuss detailed electrical issues with GE documentation. A BESS coordination meeting was held with SERC at Power Engineers offices.

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

- Continued coordination with SERC staff to finalize terminations for: communications circuits; GE wiring schemes and interpretation of GE drawings for contractor; fire system.
- Submitted final wiring terminations Parts 5 and 6.
- Continued working on wiring terminations and final cable types for special systems Part 7.
- Received "gas tops" system location information for use in preparing a descope electrical list for west parcel.
- Coordinated with GE to add another panelboard for area lighting and convenience receptacles.
- Coordinated BESS foundation calculated settlement and bearing pressures with geotechnical engineer.
- Reviewed application for alternative materials requested by SREC.

- Coordinated with building supplier on structural design of overhead platform, exchanging load and foundation information specifics.
- Received new or updated drawings from GE to include: one-line drawing; control system architecture diagram; cable summary; UPS calculations for structural analysis; HPSU calculations package; lightning protection.
- Continued to receive contractor request for information and respond.
- Continued to receive equipment vendor shop drawings for review, comment and coordination with design.
- Continued to respond to DCBO comments.
- Continued to participate in weekly design coordination calls.

#### 1.2 Procurement

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

The procurement of Contractor Supplied Equipment (CSE) continues and is currently 93% complete. Major procurement activities completed by construction contractor in November did not change during this reporting period however the following items were received:

• Received Unit 1 and Unit 2 Power Block Enclosures

#### 1.3 Construction

During the month of November continued to erect equipment, work on minor foundations, receive Owner Supplied Equipment and setting the following major equipment:

- Continued to erect Parcel 1 equipment with the 999 Crane and demobilized crane
- Continued work on minor foundations at ERU1, ERU2, and CT1Completed erection of ERU#1 Modules and Stack
- •

## Safety:

The month of November was completed with no First Aid, no near misses, no lost time injuries or recordable injuries. Weekly all hands meetings continue to address issues and raise morale through training and information.

During this reporting period the project worked 16,542 man-hours without a lost time or recordable incident. To date, the project has worked 116,594 man-hours without a lost time, or recordable Incident, and only seven first aids.

Weekly coordination calls were held amongst project participants during the reporting period.

Civil:

- Excavation and backfill for miscellaneous foundations at Unit 2 and 1Parcel 1
- Continued installation of Storm Drain along South and North roads on Parcel 1
- Working on Site Paving

Piping:

• Continued installation of Aboveground (AG) pipe at Unit 1 and Unit 2 areas

• Completed pipe installation in the Water Treatment area Structural:

- Completed Unit 2 ERU Aux Foundations
- Erected miscellaneous platforms and grating
- Started erection of Power Block Enclosure for Unit 2

Electrical:

- Continued receipt of Cable on site
- Installed AG conduit on equipment as it is being set
- Grounding of AG Equipment and structures
- Completed Switchyard Structure Erection
- Continued to pull cable at Unit 2

1.4 Explanation of Significant Changes to the Schedule

Mechanical Completion has been forecasted from February 28, 2020 to March 1, 2020 as shown in the November MCR.

## 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 in 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 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 580. 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:** There was one proposed change to the drainage structures and the grading that was approved by the CBO on October 16. The written statement certifying that the documents have been approved by the CBO are provided in Attachment 5. There were no other proposed changes to the erosion and sedimentation control plan; the construction Storm Water Pollution Prevention Plan (SWPPP); related calculations and specifications that have been signed and stamped by the responsible civil engineer or the soils, geotechnical or foundation investigations

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

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

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

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

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

**COM-9**: The Annual Compliance Fee was paid by SERC, LLC on Jun 5<sup>th</sup>. Documentation of the payment, including a receipt from the CEC was forwarded to the CPM.

**COM-10:** On September 13, 2019 SERC filed a Petition for Post Certification Change (TN#: 229730) with the CEC requesting the site boundary be modified to eliminate a portion of Parcel 2 from the Commission Final Decision. The petition docketed on November 6, 2019.

**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 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 580 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:** The cultural resource discoveries made on October 16, 2019 were cleared by the CEC staff on November 25, 2019.

**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 three (3) approvals by the DCBO as indicated in Attachment 8.

Additionally, there were two (2) receipts of major electrical equipment, testing or energizing of major electrical equipment construction of power plant switchyard, outlet line, and termination during this reporting period:

• Unit 1 and Unit 2, 13.8 kV Switchgear

**GEN-2:** There were no schedule updates in the reporting period to the facility design schedule, the master drawings and master specifications list (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:** During this reporting period there were no Design Discrepancy Correction as described in GEN-7.

**GEN-8:** There were no final inspections during this reporting period as described in GEN-8 (Attachment 13).

**MECH-1:** There were eight (8) submittals from SERC to 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.

**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 57 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 580. 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 8,490 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 two (2) deliveries requiring permits during the reporting period for vehicle sizes, weights, driver licensing and truck routes as identified in Attachment 17. The contractor has been notified to deliver these permits.

Additionally, we received four permits for items delivered from the month September that are included in Attachment 17.

**TRANS-5:** The project did not contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes during this reporting period.

**TRANS-4:** During the reporting period project owner's general contractor applied for and received encroachment permits Pacific St and Dale Ave

**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:** There were two (2) receipts of major electrical equipment, testing or energizing of major electrical equipment construction of power plant switchyard, outlet line, and termination during this reporting period.

• Unit 1 and Unit 2, 13.8 kV Switchgear

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

**WASTE-4:** During this reporting period four (4) forty-yard bins of construction waste left the site, one (1) forty-yard waste metal bin and one (1) 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 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

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SERC Baseline Project	Master Schedule (w/ARB Nov Sched) CEC/SCE		% Comp	Ctort	Finish	WBS Su	mmary						202	20								202	1	10-E	Dec-19 15:
	Activity Name		% Comp	Start			Var. N	ov Dec Ja	an Feb	Mar	Apr	May			Aua	Sep	Oct	Nov De	c Jan	Feb	Mar	Apr May Ju		Aua	Sep Oct
SERC Baseline	Project Master Schedule (w/ARB Nov Sched) &	876	59.53%	26-Oct-16 A	30-Aug-21	0	22												-						
LM6000 RAPA		0	0%	01-Jul-20	01-Jul-20	235	0																		
2	Expected Initial Delivery Date	0	0%		01-Jul-20*	235	0						*												
Storage RAPA		0	0%	01-Jun-20	01-Jun-20	253	0						¥												
4	Expected Initial Delivery Date	0	0%		01-Jun-20*	253	0					*													
GIA Key Milest	ones	34	0%	03-Feb-20	01-Apr-20	287	0																		
6	In-Service Date (Initial Backfeed - Liquidated Damages Fr	0	0%		03-Feb-20*	459	0		*					1											
7	Initial Synchronization Date/Trial Operation (No Later Than	0	0%		02-Mar-20*	304	0			\$															
8	Commercial Operation Date (No Later Than)	0	0%		01-Apr-20*	160	0				8														
Pre-construction	on Activities	701	100%	26-Oct-16 A	16-Nov-19 A		-1							1									-		
CEC Permitting		434	100%	26-Oct-16 A	12-Feb-19 A		0		·																
12	Presiding Members Proposed Decision (PMPD) issued	1	100%	08-Oct-18 A	08-Oct-18 A		0														1				1
13	Full Commission Decision for Approval	0	100%	13-Nov-18 A			0																		
15	CEC Decision Final (non-appealable)	0	100%		13-Dec-18 A		0																		
14	Post-Approval 30-day appeal period	30	100%	13-Nov-18 A	13-Dec-18 A		0																		
11	Application for Certification	782	100%	26-Oct-16 A	17-Dec-18 A		0		·   · · · · · · · · · · ·													· · · · · · · · · · · · · · · · · · ·			
Pre-Construction C	ompliance (CEC)	47	100%	13-Nov-18 A	12-Feb-19 A		0							1											
18	Limited Notice to Proceed (LNTP)	0	100%		31-Jan-19 A		0																-		
17	Compliance submittals necessary to get a Limited Notice	69	100%	13-Nov-18 A	31-Jan-19 A		0							1											
20	Full Notice to Proceed (FNTP)	0	100%	12-Feb-19 A			0																		
19	Compliance submittals necessary to get a Full Notice to P	83	100%	13-Nov-18 A	12-Feb-19 A		0															· · · · · · · · · · · · · · · · · · ·			
SCAQMD Air Pern	it	0	0%	15-Nov-18 A	15-Nov-18 A		0																-		
22	SCAQMD Authority To Construct (ATC) issued	0	100%	15-Nov-18 A			0																		
Engineering		575	100%	29-Oct-18 A	29-Aug-19 A		0																		
24	"Issued For Bid" Engineering Package for Contractor Prici	174	100%	31-Oct-18 A	31-Oct-18 A		0																		
25	Further Develop Engineering to Signed and Stamped Plan	575	100%	31-Oct-18 A	17-Dec-18 A		0		     																
26	Receive Signed and Stamped Plan Set	1	100%	17-Dec-18 A	17-Dec-18 A		0																		
27	Vehicle Bridge Engineering	45	100%	29-Oct-18 A	18-Jan-19 A		0																		
28	BESS & EGT Integration Engineering	105	100%	02-Jan-19 A	22-Feb-19 A		0							1											
29	Assemble Engineering into CBO submittal packages	148	100%	11-Dec-18 A	29-Aug-19 A		0																		
Real Properties or	Land Control	394	100%	06-Aug-18 A	25-Feb-19 A		0				-														
31	Valov Lease Agreement Executed	0	100%		06-Aug-18 A		0																		
34	Sewer Service Connection Permit	16	100%	31-Dec-18 A	28-Jan-19 A		0																		
33	Water Service Connection Permit	16	100%	31-Dec-18 A	28-Jan-19 A		0																		
35	Orange County Public Works (OCPW) Encroachment Agre	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 E	quipment (OSE) Procurement Schedule	356	100%	08-Feb-18 A	16-Nov-19 A		-1																- - - -		
LM6000 Packages		190	100%	22-Feb-18 A	01-Aug-19 A		0																		     
Remaining Le	-	Vork				Page 1	of 10	· · ·					TA	ASK fi	ilter: N	lot Lev	vel Of Et	fort.				· · · · · · ·		© Oracle	e Corporati

ly ID	ct Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name		% Comp Start	Finish	WBS Sum	Fin							202	20									2	2021		10-De	ec-19 1
,		CD				Var. Nov	Dec	Jan	Feb	Mar	Apr	May		Jul A	ug S	Sep	Oct N	lov De	ec Ja	in Fel	b Mar	Apr	May		Jul	Aug Se	∋p O
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																					
43	Receipt of Notice of Ready to Ship (RTS)	0	100%	11-Apr-19 A		0																					
44	Delivery Per FCA (Goods Actually Ready For Shipment)	0	100%	21-May-19 A		0																					
42	Manufacturer Time (FNTP-Delivery)	169	100% 23-Aug-18 A	21-May-19 A		0																					
A1000	Transportation From FCA Delivery Point To Site	40	100% 21-May-19 A	01-Aug-19 A		0																					
Emissions Reduc	tion Unit (ERU)	356	100% 08-Feb-18A	16-Nov-19 A		-1																					
47	Effective Date of the ERU Supply Contract	0	100%	08-Feb-18 A		0																					
57	Selection of Nox & CO Catalyst	0	100%	01-Jun-18 A		0						1				-											
62	Engineering Received from Manufacturer	0	100%	05-Jul-18 A		0																					
56	Engineering Received from Manufacturer	0	100%	13-Jul-18 A		0		·	·																		
61	Approval of Engineering	0	100%	19-Jul-18 A		0										-											
55	Approval of Engineering	0	100%	27-Jul-18 A		0																					
54	Release for Fabrication of Nox & CO Catalyst	0	100%	13-Aug-18 A		0																					
53	Delivery of instalation proceedures	0	100%	24-Aug-18 A		0																					
60	Engineering Received from Manufacturer	0	100%	30-Aug-18 A		0																		4			
52	Delivery of maintenance proceedures	0	100%	07-Sep-18 A		0						1				-											
59	Approval of Engineering	0	100%	13-Sep-18 A		0																					
58	FNTP	0	100% 12-Oct-18 A			0																					
A1010	Fabrication Drawings	4	100% 12-Oct-18 A	01-Feb-19 A		0																					
A1020	SERC Review Fabrication Drawings	4	100% 01-Feb-19 A	15-Feb-19 A		0																					
51	Manufacturer Time (FNTP-Delivery)	123	100% 15-Feb-19A	18-Jun-19 A		0																					
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		0																-					
A1030	Transportation Of ERU Materials	4	100% 01-Jul-19 A	16-Nov-19 A		-1 🗧						-															
Generator Step-L	lp Transformer (GSU)	194	100% 29-Jun-18 A			0																					
64	LNTP/PO Date	0	100%	- 29-Jun-18 A		0																					
66	FNTP	0	100% 20-Sep-18A			0																					
65	Engineering Received from Manufacturer	56	100% 29-Jun-18 A	20-Sep-18 A		0										-											
67	Manufacturer Time (FNTP-Delivery)	162	100% 20-Sep-18 A	28-Feb-19 A		0																					
69	Delivery/Goods Received At Site	0	100%	31-May-19 A		0		·	·	 												 					
Vehicle Bridge		47	100% 01-Nov-18A	22-Mar-19 A		0																					
71	LNTP/PO Date	0	100% 01-Nov-18 A			0																					
73	FNTP	0	100%	07-Jan-19 A		0						-															
72	Engineering Received from Manufacturer	32	100% 02-Nov-18 A	07-Jan-19 A		0																					
74	Manufacturer Time (FNTP-Delivery)	24	100% 08-Jan-19A			0		   !																			
			II					1						1				1	1		1	<u> </u>					

RC Baseline Project	ct Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name		% Comp Start	Finish	WBS Sur	mmary Fin.						202	20									2021		10-D	Dec-19 1
y iD	Activity Name		% comp stan				Dec .	lan Fe	b Mar	Apr	May			Aua	Sep	Oct N	lov De	c Jan	Feb	Mar	Apr	May Jur	Jul	Aug S	Sep 0
75	Delivery/Goods Received	0	100%	22-Mar-19 A		0				1,101	inay	oun	- Cui	/ lug		001		o dan	1.00	indi	7.01	inay bai		/ lag   0	
Balance Of Plant	-		100% 01-Jul-18 A	01-Apr-19 A		0																			
78	Place BOP OSE Purchase Orders	180		28-Dec-18 A		0																			
79	Available for delivery to the Project Site		100% 01-Apr-19 A			0																			
Construction Co			-	24-Jan-19 A		0		 																	
81	Receive Initial Bids from Construction Contractors		100% 03-Sep-18 A			0																			
82	Review Initial Bids		100% 04-Sep-18 A	04-Oct-18 A		0																			
84	Achieve Commercial Lockdown		100%	26-Nov-18 A		0																			
83	Short list two construction contractors and negotiate draft		100% 04-Oct-18A			0																			
86	Final Bids Turned In		100%	14-Dec-18 A		0						 								 _					
85	Contractor Pricing Refresh		100% 26-Nov-18 A			0																			
87	Review Final Bids / Select Contractor		100% 14-Dec-18A			0																			
89	Make executed construction contract available in the SER		100% 14-Dec-10A	20-Dec-10 A 21-Dec-18 A		0																			
88	Execute Construction Contract		100%	21-Dec-18 A		0																			
90	Provide Notice To Proceed to Contractor		100%	21-Dec-18 A 24-Jan-19 A		0																			
			100% 16-Oct-18 A	24-Jan-19A		0																			
Project Finan	Provide Mandate to Helaba		100% 16-Oct-18A	24-Jail-19 A		0																			
92		0		14 Jan 40 A		-																			
93	Perform Dilligence	1	100% 16-Oct-18A			0																			
94	Develop Loan Documentation	4	100% 16-Oct-18A	17-Jan-19A		0																	·		
95 0	Financial Close		100% 24-Jan-19A	20 Aug 24	0	0																			
CEC Complia	hce		34.45% 19-Dec-18 A			22																			
CBO Activity	ODO Kink of Marting		70.48% 19-Dec-18 A		291	0																			
99	CBO Kick off Meeting		100%	19-Dec-18 A		0																			
98	CBO Contract Execution		100% 19-Dec-18 A			0																			
CBO performance			70.48% 26-Dec-18 A		291	0																			1
101	Review and approve Pre-construction submittal		100% 26-Dec-18A			0																			
103	Perform Plan Check of Submittals		100% 27-Dec-18A			0																			
102	Inspector On Site		70.51% 04-Feb-19 A		523	0																			
CEC Compliance	e R1		20.73% 20-Jul-19 A		0	31			!																
Air Quality			13.47% 31-Oct-19 A	20-May-21	82	-1																			
AQ-1010	AQ-D1b - Initial Source Test	0	100% 31-Oct-19 A			0																			
AQ-1015	AQ-D1b - Initial Source Test	0	0% 06-Feb-20		457	-1		8																	
AQ-1020	AQ-D2 - Operations Source Test	0	0% 04-May-20		387	-1					\$														
AQ-1170	AQ-K1 - Source Test Results	0	0% 10-Jun-20		357	-1			, , , ,			8	, , , ,												
AQ-1100	AQ-D5 - CEMS for NOx	0	0% 10-Jun-20		357	-1						8													
AQ-1080	AQ-D4 - CEMS for CO	0	0% 10-Jun-20		357	-1						8													
AQ-1160	AQ-H1 - NOx CEMS Performance Evaluation	0	0% 01-Oct-20		267	-1									\$			1							
AQ-1000	AQ-D1a - Initial Source Test	0	0% 01-Oct-20		267	-1									\$										
Remaining L	Level of Effort Actual Work Critical Remaining V	Vork			Page 3	of 10						Т	ASK fil	ter: No	ot Lev	el Of Ef	fort.						(0	) Oracle	e Corpo

D	t Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name		% Comp Start	Finish	WBS Su	Immary Fin.							2020									202	1	10-L	Dec-19
			70 Comp Start			1/2.1	Nov De	c Jan	Feb N	Mar Ar	pr M			Aua	Sep	Oct I	Nov	Dec	Jan Feb	Mar	Apr	May Ju		Aug	Sep C
AQ-1050	AQ-D3 - NH3 Source Test	0	0% 20-May-21		82	-1								1								8			
Biological		376	60.06% 31-Jul-19 A	12-Nov-20	233	0																			
BIO-1030	BIO-8a1 - Pre-Construction Nest Surveys and Impact Avoi	0	100% 31-Jul-19 A			0																			
BIO-1050	BIO-8b - Preconstruction Nest Survey Letter Report	0	100% 19-Aug-19 A			0																			
BIO-1040	BIO-8a2 - Pre-Construction Nest Surveys and Impact Avoi	0	100% 19-Aug-19 A			0																			
BIO-1060	BIO-8c - Implementation of Nest Surveys and Inclusion in	0	100% 19-Sep-19 A			0																			
BIO-1020	BIO-7b - General Impact Avoidance and Mitigation Measur	0	0% 08-May-20		383	0					8														
BIO-1010	BIO-6e - BRMIMP Construction Closure Report	0	0% 08-May-20		383	0					8														
BIO-1000	BIO-5c - WEAP Training Acknowledgement Forms on File	0	0% 12-Nov-20		233	0											8								
Civil		0	0% 23-Apr-20	23-Apr-20	395	4																			
CIV-1010	CIVIL-4a - Final Grading Plan Approval	0	0% 23-Apr-20		395	4					•														
Communication		0	0% 17-Jan-20	17-Jan-20	473	0		·																	
COM-1020	COM-12b - Emergency Response Site Contingency Plan	0	0% 17-Jan-20		473	0		\$																	
Cultural		90	0% 23-Apr-20	13-Aug-20	305	4																			
CUL-1000	CUL-1j - Discharge the CRS, after receiving approval from	0	0% 23-Apr-20		395	4					•														
CUL-1010	CUL-4b - Final Cultural Resources Report	0	0% 13-Aug-20		305	4								٠											
General		90	0% 01-Apr-20	22-Jul-20	323	19		·	-			     				       									
GEN-1030	GEN-8b - Plan and Specification Storage	0	0% 01-Apr-20		413	0		-		*															
GEN-1000	GEN-1a - Certificate of Occupancy	0	0% 28-Jun-20		342	38							•	<b></b>											
GEN-1010	GEN-1b - Certificate of Occupancy	0	0% 07-Jul-20		335	31							•	$\diamond$											
GEN-1040	GEN-8c - Plan and Specification Archive Copies	0	0% 22-Jul-20		323	0								\$											
Hazardous		141	100% 20-Jul-19A	12-Jan-20	477	-1		·								       									
HAZ-1080	HAZ-8a - Operations Site Security Plan	0	100% 20-Jul-19 A			0																			
HAZ-1000	HAZ-2a - Final HMBP and SPCC	0	100% 20-Jul-19 A			0																			
HAZ-1060	HAZ-6a - HazMat Transport Route Restrictions	0	100% 28-Jul-19 A			0																			
HAZ-1010	HAZ-2b - Final Risk Management Plan	0	100% 29-Jul-19 A			0																			
HAZ-1070	HAZ-6b - Route Restrictions, New Vendor	0	100% 23-Aug-19 A			0		·						!											
HAZ-1050	HAZ-5 - Transport Vehicle Specifications	0	100% 04-Nov-19 A			-1																			
HAZ-1040	HAZ-4 - Ammonia Storage Tank Design	0	100% 04-Nov-19 A			-1																			
HAZ-1030	HAZ-3 - Aqueous Ammonia Safety Management Plan	0	100% 04-Nov-19 A			-1																			
HAZ-1020	HAZ-2c - Final Risk Management Plan	0	100% 04-Nov-19 A			-1																			
HAZ-1090	HAZ-9 - Fuel Gas Pipe Cleaning	0	0% 12-Jan-20		477	-1		8																	
Mechanical		113	100% 24-Aug-19 A	12-Jan-20	477	-1																			
MECH-1000	MECH-2a - Pressure Vessel Installation	0	100% 24-Aug-19 A			0																			
MECH-1020	MECH-3b - HVAC Plans	0	0% 12-Jan-20		477	-1		8																	
MECH-1010	MECH-3a - HVAC Plans	0	0% 12-Jan-20		477	-1		8																	
Noise		15	0% 04-Apr-20	23-Apr-20	395	4		· · · · · · · · · · · · · · · · · · ·							1										
NOI-1030	NOISE-5 - Occupational Noise Survey	0	0%	04-Apr-20	410	4				٠				1											
																·									
Remaining Le	evel of Effort Actual Work Critical Remaining Vork Milestone	Work			Page 4	of 10							TASK	K filter:	Not Le	vel Of Ef	fort.								e Corpo

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NOI-1010	NOISE-4a - Operational Noise Survey	0	0%	04-Apr-20		395	4			•														-		
NOI-1020	NOISE-4b - Noise Survey Summary Report	0	0%	23-Apr-20		395	4			<b>A</b>	$\diamond$							1								
Paleo		60	0%	13-Aug-20	27-Oct-20	245	4																			
PAL-1000	PAL-7 - Paleontological Resources Report	0	0%	13-Aug-20		245	4							\$						;i						
PAL-1010	PAL-8 - Curation Entity/Curation Fees	0	0%	27-Oct-20		245	4									-		1	1							
Structural		0	0%	05-Nov-19A	05-Nov-19 A		-2																			
STR-1010	STRUC-4a - Tank and HazMat Vessel Design	0	100%	05-Nov-19 A			-2											1								
Transmission		0	0%	27-Dec-19	27-Dec-19	489	0											1								
TLSN-1010	TLSN-2 - Metallic Objects Grounded	0	0%	27-Dec-19		489	0	8										;								
Transportation		0	0%	12-Nov-20	12-Nov-20	233	0											1	(							
TNP-1000	TRANS-4b - Copies of Permits	0	0%	12-Nov-20		233	0										8	1								
Switchyard		458	0%	04-Feb-20	30-Aug-21	0	31										•									
TSE-1060	TSE-4b - Notice to CAISO	0		04-Feb-20		458	0		*										1							
TSE-1050	TSE-4a - Notice to CAISO	0	0%	11-Feb-20		452	0		*																	
TSE-1090	TSE-5d - As-Built Drawings	0	0%	5 18-Apr-20		399	0		Ť	*																
TSE-1080	TSE-5c - As-Built Drawings	0		5 18-Apr-20		399	0			1 X								1	1					1		
TSE-1070	TSE-5b - As-Built Drawings	0		18-Apr-20		399	0			×								1	1							
TSE-1020	TSE-2b - Final Switchyard Design	0		30-Aug-21		0	31			<b>`</b>															•	
Visual	· · · · · · · · · · · · · · · · ·	252		01-Jan-20	12-Nov-20	233	0																		·	
VIS-1010	VIS-2a - Screening Landscaping Plan	0		01-Jan-20		485	4											1								
VIS-1000	VIS-1c - Notification that Treatment Completed	0		01-Apr-20		413	0			*																
VIS-1020	VIS-2c - Landscape Installation Timing	0		23-Apr-20		395	4			Ĭ. •								1     								
VIS-1030	VIS-2d - Landscaping Ready for Inspection	0		01-May-20		388	4	-			<b>•</b>							1								
VIS-1100	VIS-4h - Pre-COD Inspection	0		12-Nov-20		233	0				· · · · · ·	····-					8									
VIS-1080	VIS-4d - Lighting Inspection Ready, Notification	0		5 12-Nov-20		233	0										× I	1	1							
Waste		137		5 24-May-20	12-Nov-20	233	0																			
WASTE-1020	WASTE-1b - SMP Summary	0		24-May-20		370	4											1						1		1 1 1
WASTE-1050	WASTE-8a - Operation Waste Management Plan	0		12-Nov-20		233	0	-									8	1	1							
Worker Safety		193		28-Jul-19A	25-Mar-20	419	0										·	,								
WRSF-1040	WORKER SAFETY-7c - Fire Protection System Specificati			28-Jul-19A			0											1     								
WRSF-1020	WORKER SAFETY-7a - Fire Protection System Specificati			28-Jul-19A			0	-										1								
WRSF-1060	WORKER SAFETY-8e.1 - Letter to OCFA	0		5 10-Jan-20		479	0	\$																		
WRSF-1050	WORKER SAFETY-8e - Letter to OCFA	0		10-Jan-20		479	0											1								
WRSF-1010	WORKER SAFETY-2b - Operations H&S Program	0		5 12-Jan-20		477	-1	*																	·	
WRSF-1000	WORKER SAFETY-2a - Operations H&S Program	0		5 12-Jan-20		477	-1	<b>*</b>										1	l							
WRSF-1000	WORKER SAFETY-8f.1 - Final UL Certification of ESS	0		5 25-Mar-20		419	۱- ۱			•								1								
WRSF-1000	WORKER SAFETY-8f - Final UL Certification of ESS	0		5 25-Mar-20		419	0 0	-										1								
		225			20 May 20		22			>								1	l							
INIGUUU CONST	ruction Schedule	325	00.72%	(09-Nov-18A		253	22			1					1				<u> </u>			1				
Remaining Le	vel of Effort Actual Work Critical Remaining V	Nork				Page	5 of 10	)				ТА	SK filt	ter: Nr	otleve	el Of Ef	fort									
Actual Level of	, and the second s					. ugo i		•																	<ul><li>•</li></ul>	le Corpo

y ID	t Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name		% Comp   Start	Finish	WBS Sum	imary Fin						2020										2021		10-D	Dec-19
y ID		OD				Var. Nov D	)ec .la	an Feb	Mar	Apr N	/av .I		ul Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr M			Aug S	Sep
Stanton Energy R	eliability Center - 12/01/2019	325	68.72% 09-Nov-18 A	30-May-20	253				ivida.	7.01	ilay o			, 000		1.00		ouri		iniai		uy our	- Oui	/ tug   0	
Milestones			67.6% 09-Nov-18A		0	22										-									
Contract Milesto	nes		83.67% 09-Nov-18 A		0	0			•		*														
Project Milestone	95		66.67% 14-Jan-19 A			22 ¦ 🗸		***			¥	<b></b>					-				1				
Payment Milesto			65.65% 24-Dec-18 A								٠	$\diamond$													
Inclement Weathe			100% 04-Mar-19A			150			~~			····													
Request for Inforn		8	60% 06-Jun-19A			-22											-				1				
Supplemental Info		4	20% 08-Oct-19A		351	_											-								
Engineering Cha		4	20% 08-Oct-19 A		351																				
PSC Daily Report		4	100% 19-Nov-19 A																		1 1 1				
Construction			80.05% 04-Feb-19 A		290	-9																			
Mobilization			100% 04-Feb-19A		200																				
Site Preparation		193				0											-								
Vehicle Bridge		193																							
UG Electrical			90.88% 22-Mar-19 A		331			1																	
UG Piping			76.32% 06-May-19 A		318																				
Foundations			87.5% 06-Mar-19 A																						
Structural Steel			84.65% 05-Feb-19A		8	-13																			
Equipment Instal	ation				306			╺																	
Electrical Installa			68.72% 20-May-19 A		290	2																			
			66.11% 11-Apr-19 A																						
AG Piping — Painting & Insulat	in		73.11% 25-Jul-19 A			-10											-				1				
Pre-Commissionir			4.76% 27-Dec-19	21-Feb-20	55	-2											-								
		68			33	-9																			
U2 Power Block I		29		12-Feb-20	4																1 1 1				
U1 Power Block I		27		17-Feb-20	2	-2		an an in' 💶 🖬																	
System Turn Ove	r Packages		0% 04-Oct-19 A			-9			•																
Commissioning			50.55% 29-Jul-19A		278	-9															1				
U2 Power Block			88.67% 29-Jul-19 A		303	2																			
U1 Power Block		120			303	2			i i																
	sioning Packages	72			25					<b></b>															
Demobilization		77			21	2		L									-								
Socal Gas Lin			64.15% 19-Aug-19 A		318	0																			
SCG-1000	Mobilization		100% 19-Aug-19 A	-		0											-				1				
SCG-1010	Install 600' Of 12"		100% 26-Aug-19 A	-		0		_								-									
SCG-1020	Install 1200' of 12"	60			318	0														·					
SCG-1030	Testing	4	0% 20-Jan-20	27-Jan-20	318	0																			
SCG-1040	Socal Gas Tie-In	4	0% 27-Jan-20	30-Jan-20	318	0		ц •																	
SCG-1050	De-Mobilize	4	0% 30-Jan-20	06-Feb-20	318	0														-					
Remaining L	evel of Effort Actual Work Critical	Remaining Work			Page 6 o	f 10						TAS	K filter:	Not Le	vel Of	f Effort								Oracle	

YD	Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name		% Comp Start	Finish	WBS Su	Fin						2020									2021		10-Dec	c-19 15
y ID	Activity Name		% Comp Statt			Var. Nov	Dec	Jan Fe	b Mar	Apr	May Ju		ul Aug	g Sep		t Nov [	Dec J	lan Fel	b Mar	Apr	May Jun	Jul	Aug Sep	p Oc
SCE Interconne	ection Schedule	470	68.71% 07-Apr-17 A	20-Aug-20	207	0								5 000						·				
	eliability Center Integrated Schedule (PIN# 8016) - Update	470	68.71% 07-Apr-17 A	20-Aug-20	207	0									-									
Project Manageme	nt	358	100% 07-Apr-17 A	01-Feb-20	320	0		 I I I	!	{ 					!								 1 1 1	
0110	PMWIF Issuance	0	100%	07-Apr-17 A		0									-								1	
0115	PMWIF Acceptance	0	100%	14-Apr-17 A		0									-									
0100	Issue ATP	0	100%	20-Mar-18 A		0									-									
0120	Customer Final Design	10	100% 02-Jul-18 A	14-Dec-18 A		0																		
0130	Substation Designs Complete	0	100%	05-Feb-19 A		0																		
0125	Issued Drawings to CDM	0	100%	10-Apr-19 A		0			1						-								1	
0105	Approved OD	0	0%	01-Feb-20*	0	0		8																
Customer Mileston	es	230	100% 14-Dec-18 A	01-Nov-19 A		0									-								1	-
01205	Design Drawings Final	0	100%	14-Dec-18 A		0									-									
01210	UG 66kV Duck Construction Complete	0	100%	01-May-19 A		0		· · · · · · · · · · · · · · · · · · ·																
01215	66kV Dead-End Rack Construction Complete	0	100%	01-Jul-19 A		0																		
01220	Diverse Fiber Duct Construction Complete	0	100%	15-Aug-19 A		0									1									
01225	Control House Ready for SCE Telecom Cabinets	0	100%	01-Oct-19A		0									-									
01230	Ready for In-Service Testing	0	100%	01-Nov-19 A		0																		
Environmental		150	100% 01-Aug-18A	31-May-19 A		0					// 											44-		
0355	Environmental Process	150	100% 01-Aug-18 A	31-May-19 A		0																		
Substation		403	90.07% 25-Jan-18 A	24-Jan-20	5	0									-								1	
Mirage Substation	1	227	100% 14-May-18 A	13-Jun-19 A		0																		
Engineering		130	100% 14-May-18 A	15-Apr-19 A		0									-									
01005	Preliminary Engineering	50	100% 14-May-18 A	30-May-18 A		0		·			/// /											44-		
01170	Final Engineering	80	100% 07-Aug-18 A	15-Apr-19 A		0																		
Construction	1	34	100% 16-Apr-19 A	31-May-19 A		0									-									
01015	UFLS Work Start	0	100% 16-Apr-19 A			0																		
01025	UFLS Work Finish	0	100%	31-May-19 A		0									-									
01020	UFLS Work	34	100% 16-Apr-19 A	31-May-19 A		0					//   													
Commissioning		10	100% 31-May-19 A	13-Jun-19 A		0																		
01000	Test & In-Service	10	100% 31-May-19 A	13-Jun-19 A		0									-								-	
Distribution Upgra	des at Barre Substation (SAP# 902360074)	365	89.04% 14-May-18 A	24-Jan-20	5	0																		
Engineering		145	100% 14-May-18 A	10-Apr-19 A		0									-								1	
Preliminary Engi	ineering	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	
Final Engineerin	g / Design	145	100% 04-Sep-18 A	10-Apr-19 A		0																		
01050	Final Engineering / Designs	34	100% 17-Dec-18A	05-Feb-19 A		0			1						-									
01045	Structural Engineering / Design	100	100% 04-Sep-18 A	05-Feb-19 A		0			-		· · · · · · · · · · · · · · · · · · ·													
01040	Civil Engineering / Design	47	100% 03-Dec-18A	05-Feb-19 A		0			1															
Remaining Le Actual Level of		ning Work			Page 7	of 10						TAS	K filter:	Not L	evel C	Of Effort.						©	Oracle C	

)	Vlaster Schedule (w/ARB Nov Sched) CEC/SCE		% Comp Start	Finish	WBS Sun	nmary Fin.							2020										2021		10-D	Dec-19	Э
,		00	Jo Comp Start			14	v Dec	Jan	Feb	Mar	Apr I	May Ju			ugs	Sep	Oct	lov D	ec Ja	an Fe	b Mar	Apr	 Jun	Jul	Aug S	Sep	-
01035	Electrical Engineering / Design	66	100% 18-Sep-18 A	05-Feb-19 A		0										- 1-					ai	1.161					
01060	Qualitiy Assurance Review		100% 06-Feb-19 A			0																					
01255	Issue Structural Steel Package to CDM (SAP# 902306533)	0	100%	28-Mar-19 A		0																					
01070	QACorrections	25	100% 11-Mar-19 A	10-Apr-19 A		0																					
01065	Issue Completed Package to CDM	0	100%	10-Apr-19 A		0																	 				-
Procurement/Mat			100% 21-Nov-18 A	-		0																					
01100	RE to Submit Major Material Order (CB)		100%	21-Nov-18 A		0																					
01085	Issue PO for Circuit Breaker		100%	03-Dec-18 A		0																					
01115	CB Delivered		100%	30-Aug-19 A		0						1															
01110	Procurement / Material Delivery	125		-		0																	 				
Construction			79.89% 03-Jun-19 A	-	5	0																					
01270	Summer Load and High Line Loading Period		100% 03-Jun-19 A			0																					
01275	Outage Request		100% 28-Oct-19A			0																					
01273	Construction Start		100% 19-Nov-19A	10 110121074		_1																					
01280	3ABank in Position 10 Offline	0		20-Nov-19 A		-2			   - 														 	; 			-
01260	Install Structural Steel for 66kV Switchrack Position# 10 (	20		13-Dec-19	30	•																					
01165	Construction Finish	0	0%	17-Jan-20	5	0		•																			
01075	Built and Test Position 11	45	22.22% 19-Nov-19 A		5	0																					
Commissioning			0% 20-Jan-20	24-Jan-20	5			-																			
01080	Test & In-Service	5	0% 20-Jan-20	24-Jan-20	5	0																	 				
	cilities at Barre Substation (SAP# 902360075)	388	B9.69% 25-Jan-18 A		5	0		•														1					
Engineering			100% 25-Jan-18 A			0																					
Preliminary Engin	neering (		100% 25-Jan-18A			0																					
01090	Preliminary Engineering		100% 25-Jan-18A			0																					
Final Engineering			100% 04-Sep-18 A			0																	 				-
			-			0																					
01105 01095	Structural Engineering / Design Electrical Engineering / Design		100% 04-Sep-18 A 100% 18-Sep-18 A			0																					
			100% 18-Sep-18 A			0																					
01125	Issue Completed Package to CDM			10-Apr-19 A		0																					
01120	Quality Assurance & QA Corrections		100% 06-Feb-19 A	-		0									·								 	44			-
01130 Procurement/Mat	Relay Settings (OD43)		100% 16-Sep-19 A			0																					
01135	Procurement / Materials Delivery		100% 15-Apr-19 A 100% 15-Apr-19 A			0																					
Construction	Procurement / Materials Delivery					0																					
_	Construction Start		41.67% 29-Oct-19 A	17-Jan-20	5	0																					
01140		0	100% 29-Oct-19 A	47 Jan 20				•															 				-
01150	Construction Finish	0	0%	17-Jan-20	5	0		\$																			
01145	Construction Duration	60	41.67% 29-Oct-19 A		5	0		-																			
Commissioning	Test 8 In Ospice	5	0% 20-Jan-20	24-Jan-20	5	0					1																
01155	Test & In-Service	5	0% 20-Jan-20	24-Jan-20	5	0					-																-
<ul> <li>Remaining Lev</li> <li>Actual Level of</li> </ul>	-	Vork			Page 8 c	of 10							TAS	SK filte	er: Not	Leve	l Of Ef	fort.							Oracle		

	ect Master Schedule (w/ARB Nov Sched) CEC/SCE Activity Name		% Comp	Start	Finish		Fin.	,				2020								2021		10-Dec	-191
			70 Comp	Juan			Var.	Nov Dec Jan	Feb Ma	r Apr			Aug	Sep	Oct No	v Dec	Jan F	eb Mar	Apr		Jul /	Aug Sep	0 0
Sub Transmissio	on / Gen-Tie	350	92.86%	02-Jul-18 A	03-Jan-20	15	0						1										
01175	Preliminary Engineering	80	100%	02-Jul-18 A	02-Jan-19 A		0				 										i- 		
01180	Final Engineering	72	100%	03-Jan-19 A	12-Apr-19 A		0												1				
01185	Procurement & Material Delivery	81	100%	10-May-19 A	30-Aug-19 A		0																
01200	Civil Bidding	35	100%	16-Aug-19 A	18-Oct-19 A		0																
01265	Civil Work	15	100%	21-Oct-19 A	08-Nov-19 A		0												-				
01285	Turnover Of Skip To SCE	0	100%		29-Nov-19 A		0	8			 												
01190	Cable Installation Work	15	6.67%	29-Nov-19 A	19-Dec-19	16	0												1				
01290	Perform Terminations At Skip	5	0%	20-Dec-19	26-Dec-19	16	0																
01195	Testing/Commissioning	5	0%	30-Dec-19	03-Jan-20	15	0																
TransTelecom		233	B7.12%	20-Feb-19 A	10-Jan-20	15	0																
Barre Substatio	n	233	<b>B7.12%</b>	20-Feb-19 A	10-Jan-20	15	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	50%	19-Nov-19 A	13-Dec-19	15	0												-				
01250	Installation Testing	10	0%	30-Dec-19	10-Jan-20	15	0																
Skip Substation		233	87.12%	20-Feb-19 A	10-Jan-20	15	0				       								 ! !				
9120	Designs / Engineering	72	100%	20-Feb-19 A	30-May-19 A		0																
9125	Procurement & Materials Delivery	48	100%	18-Jun-19 A	22-Aug-19 A		0																
9130	Trans Telecom Work at Skip Substation	20	5%	29-Nov-19 A	26-Dec-19	16	-1												-				
9135	Installation Testing	10	0%	30-Dec-19	10-Jan-20	15	0																
IT/Telecom		293	<b>B9.76%</b>	19-Nov-18 A	10-Jan-20	15	0				       												
Barre Substatio	ท	293	93.17%	19-Nov-18 A	10-Jan-20	15	0																
9020	Preliminary Engineering	60	100%	19-Nov-18 A	15-Feb-19 A		0												-				
9025	Final Engineering	65	100%	18-Feb-19 A	21-May-19 A		0																
9030	Procurement & Material Delivery	90	100%	22-May-19 A	15-Oct-19 A		0																
9035	IT/Telecom Installation at Barre Substation	10	0%	16-Dec-19	27-Dec-19	15	0				             												
9060	Installation Testing	10	0%	30-Dec-19	10-Jan-20	15	0																
Skip Substation		293	8 <b>9.76%</b>	19-Nov-18 A	10-Jan-20	15	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	0%	02-Dec-19*	13-Dec-19	11	-2																
9090	Installation Testing	10	0%	30-Dec-19	10-Jan-20	15	0												-				
PSC		237	85.65%	20-Feb-19 A	16-Jan-20	11	-1																
Barre Substatio	n	237	95.78%	20-Feb-19 A	16-Jan-20	11	-1												1				
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												1				1
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Remaining	Level of Effort Critical Re	maining Work				Page 9	9 of 10					TASK	filtor I	Not Leve	Of Effo	rt							

Object     U     Object     Ju     Object     Ju		Activity Name	OD	% Con	np Start	Finish		Fin.								20																202						
Skip Statistion       237       255.5%       20-Feb-19A       16-Jan-20       11       -1         9095       Preliminary Engineering       60       100%       20-Feb-19A       14-Jan-19A       0         9100       Final Engineering       60       100%       15-May-19A       13-Jaug-19A       0         9105       Procummerat & Material Delivery       60       100%       14-Jau-20       11       -1         9110       PSC Installation at Skip Substation       25       4%       29-Nov-19A       02-Jan-20       11       -1         9115       Test & In-Service       10       0%       32-Jan-20       11       -1         9015       Issue Authorization To Close (ATC)       0       0%       20-May-20*       0       0         9015       Issue Authorization To Close (ATC)       0       0%       20-May-20*       0       0       0         9155       Deschadula       15-01%       10-Nov-19A       16-Age-20       27       0       0         9255       Construction (Foundations)       4       75%       01-Nov-19A       02-Jan-20       224       0       0         BESS-2010       Construction (Foundations)       4       0%       19-Dec-									ov Dec	_	Feb	Mar	Apr	May	Jun	Jul	A	ug S	Sep	00	ct	Nov	De	ec	Jan	Fe	eb	Mar	A	pr	Мау	y Ji	un	Jul	A	gı	Sep	(
9095       Preliminary Engineering       60       100%       20-Feb-19A       14-May-19A       0         9100       Final Engineering       65       100%       15-May-19A       13-May-19A       0       0         9105       Procurement & Matorial Delivery       50       100%       14-May-19A       0       0       1       -         9110       PSC Installation at Skip Substation       25       4%       29-May-20       0       1       -												     		1																								
9100       Final Engineering       65       100%       15-May-19 A       13-Aug-19 A       1         9105       Procurment & Material Delivery       50       100%       14-Aug-19 A       0.20 an-20       1       1         9110       PSC Installation at Skip Substation       25       4%       29-Mov-19 A       0.20 an-20       1       1         9115       Test & In-Service       0       0       00,3 an-20       16-Jan-20       1       1         ProjectCloseout       6       0%       20-May-20       20-Aug-20       0       0         9015       Issue Authorization To Close (ATC)       0       0%       20-May-20*       0       0         9016       Work Order Close-Out Complete (FAOC)       0       0%       20-Aug-20*       0       0         9285S-2000       Construction (Foundations)       4       75%       01-Nov-19A       16-Jan-20*       224       0         9285S-2010       Construction (Foundations)       4       75%       01-Nov-19A       10-Jan-20*       224       0         9285S-2030       BESS Equipment Delivered To Stee       0       0%       24-Feb-20       224       0       0         9285S-2030       EGS Substantial Completion							11					1 1 1		1						1																		
9105       Procurement & Material Delivery       50       100%       14-Aug-19A       07-Nov-19A       1       1         9110       PSC Installation at Skip Substation       25       4%       29-Nov-19A       10       1       1         9115       Test & In-Service       10       0%       03-Jan-20       11       1         ProjectCossout       6       0%       20-May-20       0       0       0         9015       Issue Authorization To Close (ATC)       0       0%       20-Aug-20       0       0         9015       Issue Authorization To Close (ATC)       0       0%       20-Aug-20       0       0         9015       Store Authorization To Close (ATC)       0       0%       20-Aug-20       0       0         9016       Work Order Close-Out Complete (FAOC)       0       0%       20-Aug-20       78       0         9ESS 2000       Construction (Superstructure)       4       0%       08-Dec-19       124       0         9ESS 2020       Equipment Delivered To Site       0       0%       24-Feb-20       224       0         9ESS 2030       ESS Testing & Commissioning       4       0%       24-Feb-20       224       0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td>   </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>, ,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>						-						 								, ,																		
9110       PSC Installation at Skip Substation       25       44       29-Nov-19A       02-Jan-20       11       -1         9115       Test & In-Service       10       0%       03-Jan-20       11       -1         Project Clossout						-						1 1 1 1								, , ,																		
9115       Test & In-Service       10       0%       03-Jan-20       16-Jan-20       11       -1         Project Cosseaut       66       0%       20-May-20       0       0         9015       Issue Authorization To Close (ATC)       0       0%       20-May-20*       0       0         9010       Work Order Close-Out Complete (FAOC)       0       0%       20-May-20*       0       0         SSS Construction Schedule       91       1501%       01-Nov19A       18-Apr-20       78       0         ESS-2010       Construction (Superstructure)       4       0%       03-Dec-19       224       0         ESS-2030       BESS Testing & Commissioning       4       0%       03-Dec-19       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       03-Dec-19       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       04-Jan-20       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       24-Mar-20       224       0         ESS-2040       ESS Substantial Completion Target       0       0%       25-Mar-20       224       0         ESS-2040		-								-		1 1 1								1																		
Import Closeout       66       0%       20-May-20       0<		-										1 1 1		1						1																		
9015       Issue Authorization To Close (ATC)       0       0%       20-May-20*       0       0         9010       Work Order Close-Out Complete (FAOC)       0       0%       20-Aug-20*       0       0         SSS Construction Schedule       91       15.01%       01-Nov-19A       16-Apr-20       278       0         ESS-2000       Construction (Superstructure)       4       75%       01-Nov-19A       03-Dec-19       224       0         ESS-2010       Construction (Superstructure)       4       0%       03-Dec-19       224       0         ESS-2020       Equipment Installation       4       0%       19-Dec-19       224       0         ESS-2030       BESS Testing & Commissioning       4       0%       19-Dec-19       21-An-20       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       19-Dec-19       21-An-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       24-Feb-20       244       0       24-Feb-20       224       0         ESS-2060       ESS Substantial Completorin Target       0       0%       25-Mar-20       224       0       25-Mar-20       224       0 <t< td=""><td></td><td>Test &amp; In-Service</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>, , , ,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		Test & In-Service										, , , ,																										
9010       Work Order Close-Out Complete (FAOC)       0       0       0       0       0         ESS Construction Schedule       91       15.01%       01-Nov-19A       16-Apr-20       278       0         ESS-2000       Construction (Foundations)       4       75%       01-Nov-19A       03-Dec-19       224       0         ESS-2010       Construction (Superstructure)       4       0%       03-Dec-19       19-Dec-19       224       0         ESS-2020       Equipment Delivered To Site       0       0%       06-Jan-20'       239       0         ESS-2020       Equipment Installation       4       0%       19-Dec-19       31-Jan-20       224       0         ESS-2030       BESS Testing & Commissioning       4       0%       11-Jan-20       224       0         ESS-2040       BESS Costing & Commissioning       4       0%       24-Feb-20       224       0       0         ESS-2050       EGT Testing & Commissioning       4       0%       25-Mar-20       224       0       0       25-Mar-20       224       0       0       \$       5       5       0       \$       5       5       0       \$       5       5       0       \$ <td>-</td> <td></td> <td>66</td> <td></td> <td>-</td> <td>-</td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td>, ,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>, , ,</td> <td></td> <td>;</td> <td></td> <td>- - -</td>	-		66		-	-		0				, ,								, , ,																;		- - -
ESS Construction Schedule       91       15.01%       01-Nov-19A       16-Apr-20       278       0         ESS-2000       Construction (Foundations)       4       75%       01-Nov-19A       03-Dec-19       224       0         ESS-2010       Construction (Superstructure)       4       0%       03-Dec-19       19-Dec-19       224       0         ESS-2030       BESS Equipment Delivered To Site       0       0%       06-Jan-20*       239       0         ESS-2020       Equipment Installation       4       0%       19-Dec-19       31-Jan-20       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       31-Jan-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       21-Jan-20       224       0         ESS-2060       ESS Substantial Completion Target       0       0%       25-Mar-20       224       0         ESS-2070       SCS Software Delivered       0       0%       25-Mar-20       224       0         ESS-2080       EGT Substantial Completion Target (COD)       0       0%       21-Mar-20       224       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0			0			-	0	0				1 1 1 1		8						1																		
SS-2000       Construction (Foundations)       4       75%       01-Nov-19A       03-Dec-19       224       0         SS-2010       Construction (Superstructure)       4       0%       03-Dec-19       19-Dec-19       224       0         SS-2030       BESS Equipment Delivered To Site       0       0%       0-Gan-20*       238       0         SS-2030       Equipment Installation       4       0%       19-Dec-19       31-Jan-20       224       0         SS-2040       BESS Testing & Commissioning       4       0%       19-Dec-19       31-Jan-20       224       0         SS-2050       EGT Testing & Commissioning       4       0%       31-Jan-20       24-Feb-20       224       0         SS-2050       EGT Testing & Commissioning       4       0%       24-Feb-20       244       0       0         SS-2050       EGS Substantial Completion Target       0       %       25-Mar-20       224       0       0       0       25-Mar-20       24-Feb-20       2								0				1 1 1 1						8		, , ,																		
ESS-2010       Construction (Superstructure)       4       0%       03-Dec-19       19-Dec-19       224       0         ESS-2030       BESS Equipment Delivered To Site       0       0%       06-Jan-20°       223       0         ESS-2030       Equipment Installation       4       0%       19-Dec-19       31-Jan-20       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       19-Dec-19       31-Jan-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       31-Jan-20       24-Feb-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       24-Feb-20       24-Mar-20       224       0         ESS-2050       EGS Substantial Completion Target       0       0%       25-Mar-20       24-Mar-20       224       0         ESS-2070       SCS Software Delivered       0       0%       25-Mar-20       24-Mar-20       224       0         ESS-2080       EGT Comissioning and Trial Test Runs       4       0%       25-Mar-20       31-Mar-20       224       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0%       01-Apr-20       274       0 <td>SS Constru</td> <td></td> <td>91</td> <td>15.01</td> <td>% 01-Nov-19 A</td> <td>16-Apr-20</td> <td>278</td> <td>0</td> <td></td>	SS Constru		91	15.01	% 01-Nov-19 A	16-Apr-20	278	0																														
ESS-2030       BESS Equipment Delivered To Site       0       0%       06-Jan-20*       239       0         ESS-2020       Equipment Installation       4       0%       19-Dec-19       31-Jan-20       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       31-Jan-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       24-Feb-20       244       0         ESS-2060       ESS substantial Completion Target       0       0%       24-Feb-20       224       0         ESS-2070       SCS Software Delivered       0       0%       25-Mar-20       224       0         ESS-2080       EGT Comissioning and Trial Test Runs       4       0%       21-Mar-20       224       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0%       21-Mar-20       224       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0%       01-Apr-20       224       0         ESS-2100       O&M Staff Training By GE       4       0%       01-Apr-20       274       0         ESS-2110       As Builts       4       0%       01-Apr-20       278       0	ESS-2000	Construction (Foundations)	4	75	% 01-Nov-19 A	03-Dec-19	224	0	<b>-</b>			1 1 1								1																		
Equipment Installation       4       0%       19-Dec-19       31-Jan-20       224       0         ESS-2040       BESS Testing & Commissioning       4       0%       31-Jan-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       24-Feb-20       224       0         ESS-2050       EGT Testing & Commissioning       4       0%       24-Feb-20       24-4       0         ESS-2050       ESS Substantial Completion Target       0       0%       25-Mar-20       24-4       0         ESS-2070       SCS Software Delivered       0       0%       25-Mar-20       214-7       0         ESS-2080       EGT Comissioning and Trial Test Runs       4       0%       21-Apr-20       214-7       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0%       01-Apr-20       214-7       0         ESS-2010       O&M Staff Training By GE       4       0%       01-Apr-20       09-Apr-20       278-7       0         ESS-2110       As Builts       4       0%       01-Apr-20       16-Apr-20       278-7       0	ESS-2010	Construction (Superstructure)	4	0	% 03-Dec-19	19-Dec-19	224	0				     		   						, , , ,				;														
ESS 2040BESS Testing & Commissioning40%31-Jan-2024-Feb-202240ESS 2050EGT Testing & Commissioning40%24-Feb-2024-Mar-202240ESS 2050ESS Substantial Completion Target00%25-Mar-2024-0ESS 2070SCS Software Delivered00%25-Mar-202240ESS 2080EGT Comissioning and Trial Test Runs40%25-Mar-202140ESS 2090EGT Substantial Completion Target (COD)00%01-Apr-202140ESS 2100O&M Staff Training By GE40%01-Apr-2009-Apr-202780ESS 2110As Builts40%01-Apr-2016-Apr-202780	SS-2030	BESS Equipment Delivered To Site	0	0	%	06-Jan-20*	239	0	-	\$		,								, 1 1 1																		
ESS-2050EGT Testing & Commissioning40%24-Feb-2024-Mar-202240ESS-2060ESS Substantial Completion Target00%25-Mar-202240ESS-2070SCS Software Delivered00%25-Mar-202240ESS-2080EGT Comissioning and Trial Test Runs40%25-Mar-2031-Mar-202240ESS-2090EGT Substantial Completion Target (COD)00%01-Apr-202240ESS-2100O&M Staff Training By GE40%01-Apr-2009-Apr-202780ESS-2110As Builts40%01-Apr-2016-Apr-202780	-SS-2020	Equipment Installation	4	0	% 19-Dec-19	31-Jan-20	224	0		- - -		1 1 1											-										1					
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ESS-2070       SCS Software Delivered       0       0%       25-Mar-20       224       0         ESS-2080       EGT Comissioning and Trial Test Runs       4       0%       25-Mar-20       31-Mar-20       224       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0%       01-Apr-20       224       0         ESS-2100       O&M Staff Training By GE       4       0%       01-Apr-20       09-Apr-20       278       0         ESS-2110       As Builts       4       0%       01-Apr-20       278       0	ESS-2050	EGT Testing & Commissioning	4	0	% 24-Feb-20	24-Mar-20	224	0				<u></u>								, , ,																		
ESS-2080       EGT Comissioning and Trial Test Runs       4       0%       25-Mar-20       31-Mar-20       224       0         ESS-2090       EGT Substantial Completion Target (COD)       0       0%       01-Apr-20       224       0         ESS-2100       O&M Staff Training By GE       4       0%       01-Apr-20       09-Apr-20       278       0         ESS-2110       As Builts       4       0%       01-Apr-20       16-Apr-20       278       0	ESS-2060	ESS Substantial Completion Target	0	0	% 25-Mar-20		224	0				\$		1						1																		
ESS-2090       EGT Substantial Completion Target (COD)       0       0%       01-Apr-20       224       0         ESS-2100       O&M Staff Training By GE       4       0%       01-Apr-20       09-Apr-20       278       0         ESS-2110       As Builts       4       0%       01-Apr-20       16-Apr-20       278       0	ESS-2070	SCS Software Delivered	0	0	% 25-Mar-20		224	0				\$																										
ESS-2100         O&M Staff Training By GE         4         0%         01-Apr-20         09-Apr-20         278         0           ESS-2110         As Builts         4         0%         01-Apr-20         16-Apr-20         278         0	ESS-2080	EGT Comissioning and Trial Test Runs	4	0	% 25-Mar-20	31-Mar-20	224	0												, , ,																		
ESS-2110 As Builts 4 0% 01-Apr-20 16-Apr-20 278 0	ESS-2090	EGT Substantial Completion Target (COD)	0	0	% 01-Apr-20		224	0					8							1						1												
ESS-2110 As Builts 4 0% 01-Apr-20 16-Apr-20 278 0	ESS-2100	O&M Staff Training By GE	4	0	% 01-Apr-20	09-Apr-20	278	0																														
	ESS-2110	As Builts	4	0	% 01-Apr-20	16-Apr-20	278	0												     																		
	ESS-2120	Final Completion Target	0	0	% 16-Apr-20		278	0					1																 									1

Attachment 2 – COM-5 Compliance Matrix

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1 Stant	on Ei	nergy	Reliab	ility Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
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4				Revised 4/30/2019		Based on Final S	Staff Assessment								Operations						
Technica Resource		nd. #	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	Condition Amended? I Yes or No	Condition Amendment Date	Amended Language	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	ŀ-A1.a	COM/OPS	Monthly Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOX). See Decision AQ-A1 also for rules regarding the for commencement of operation. See <b>Decision</b> 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.		When commissioning is complete	3/26/2020		Not Started							SCAQMD			SERC	DSR
7 AQ	AQ	ŀ-A1.b	COM/OPS	Monthly Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOX). See Decision AC-A1 also for rules regarding the for commencement of operation. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.	The project owner shall provide emissions summary data in compliance with his condition as part of the Quarterly Operation reports (AQ-SC7).	The project owner shall provide emissions summary data in compliance with his condition as part of the Quarterly Operation Reports (AC SC7).	Quarterly, no later than 30 days following the end of each calendar quarter	Quarterly		Not Started							SCAQMD			SERC	DSR
8 AQ	AQ	}-A1.c	OPS	Monthly Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOX). See Decision AC-A1 also for rules regarding the for commencement of operation. See <b>Decision</b> for rules on emissions calculations during the transition from Commissioning to Operation.	The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD. The records shall include, but not be limited to, natural gas usage in a calendar month and automated monthly and annual calculated emissions. [RULE 1303(a)(1)-BACT 5-10-1996; RULE 1303(a)(1)-BACT 12-6-2002] [Devices subject to this condition: D1, D7]	Maintain for a minimum of 5 years	N/A	N/A		Not Started										SERC	DSR
9 AQ	AC	Q-A2	OPS	Annual Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOX). See Decision AQ-A1 also for rules regarding the for commencement of operation. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.	The project owner shall maintain records to demonstrate compliance with this condition an shall make such records available to the SCAQMD Executive Officer upon request. The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD. The records shall include, but not be limited to, natural gas usage in a calendar month and automated monthly and annual calculated emissions. [RULE 1303(a)(1)-BACT, 5-10-1996 RULE 1303(b)(2)-Offset, 5-10- 1996; RULE 1303(b)(2)-Offset, 12- 6-2002] [Devices subject to this condition: D1, D7]	Reports (AQ-SC7)	Annually, no later than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Not Started										SERC	DSR
AQ 10	AQ	Ł-A2.a		Annual Emissions Limits - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOX). See Decision AQ-A1 also for rules regarding the for commencement of operation. See Decision for rules on emissions calculations during the transition from Commissioning to Operation.	The project owner shall maintain records to demonstrate compliance with this condition an shall make such records available to the SCAQMD Executive Officer upon request. The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD. The records shall include, but not be limited to, natural gas usage in a calendar month and automated monthly and annual calculated emissions. [RULE 1303(a)(1)-BACT, 5-10-1996 RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10- 1996; RULE 1303(b)(2)-Offset, 5-10- 1996; RULE 1303(b)(2)-Offset, 12- 6-2002] [Devices subject to this condition: D1, D7]	minimum of 5 years	N/A	N/A		Not Started										SERC	DSR

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Techn Resou		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 CPI	Condition Amended? M Yes or No	Condition Amendment Date	Amended Language	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	1	AQ-A3	COM/OPS	2.5 PPMV NOx Limit Averging - The 2.5 PPMV NOx emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] [Devices subject to this condition: D1, D7]	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
AQ	1	AQ-A4	COM/OPS	4.0 PPMV CO Limit Averaging - The 4.0 PPMV CO emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002] [Devices subject to this condition: D1, D7]	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
AQ	2	AQ-A5	COM/OPS	2.0 PPMV VOC Limit Averaging - The 2.0 PPMV VOC emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen.	The project owner shall submit records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ- SC7).		Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
AQ 14	1	AQ-A6	COM/OPS	25 PPMV Nox Limit Averaging - The 25 PPMV NOx emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, startup, and shutdown periods. [40 CFR 60 Subpart KKKK, 7-6-2006] [Devices subject to this condition: D1, D7]	The project owner shall submit CEMS records demonstrating compliance with this condition as part of the Quarterly Operation Reports (AQ-SC7).	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
AQ 15	1	AQ-A7	COM/OPS	Combustion Contaminant Emissions - For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time. [RULE 475, 10-8-1976; RULE 475, 8-7-1978] [Devices subject to this condition: D1, D7]			Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
AQ 16	1	AQ-A8	COM/OPS	NH <sub>3</sub> Limit Averaging - The 5.0 PPMV NH <sub>3</sub> emission limit is averaged over one hour, dry basis, at 15 percent oxygen. The project owner shall calculate and continuously record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH <sub>3</sub> calculation equation.	The project owner shall install, calibrate, maintain, and the monitoring system according to a District-approved monitoring plan	Monitoring Plan	Prior to the installation the project owner shall submit a monitoring plan to the CPM for review and approval.			Not Started										SERC	DSR
17	,	AQ-A8.a	COM/OPS	MH3 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	Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
17 AQ	2	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 calculate and continuously record the NH3 slip concentration (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH3 calculation equation.	maintain a NOx analyzer to measure the SCR inlet NOx ppmv accurate to within plus or minus 5 percent calibrated at least once every 12 months. The project owner shall use the method	analyzer	Once every 12 months	Annually		Not Started										SERC	DSR

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echnical Resource	Cond. #	Phas		Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		Date Approved by CPN	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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 Projec Manager
AQ	AQ-B1	COM/C	PS H <sub>2</sub> S Limit Averaging - Concentration limit is an annual average based on monthly samples of natural gas composition or gas supplier documentation. The project owner shall <b>not</b> use natural gas containin the following specified compounds: H <sub>2</sub> S > 0.25 Grains per 100 SCF	documentation demonstrating compliance as part of the Quarterly Operation Reports (AQ-	Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
AQ	AQ-C1	COM/C	PPS Start-up Limitations - Owner shall limit the number o start-ups to no more than 124 in any one calendar month.	Provide records including a table documenting the type of startup, duration and date of occurrence. Monthly Reports to be included in the Quarterly Operations Reports (AQ-SC7)	Quarterly Operation Reports (AQ-SC7)	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
AQ	AQ-C1.a	COM/C	PPS Start-up Limitations - Owner shall limit the number o start-ups to no more than 124 in any one calendar month.	The project owner shall maintain records to demonstrate compliance with this condition and shall make such records available to the Executive Officer upon request.			N/A	-	Not Started										SERC	DSR
AQ	AQ-C2	COM/C	PPS Shutdown Limitations - Owner shall limit the number shutdowns to no more than 124 in any one calendar month.		Quarterly Operation Reports (AQ-SC7).	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly	_	Not Started										SERC	DSR
AQ	AQ-C2.a	COM/C	Shutdown Limitations - Owner shall limit the number shutdowns to no more than 124 in any one calendar month.		The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD.	N/A	N/A		Not Started										SERC	DSR
AQ	AQ-C3	COM/C	PS 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
AQ	AQ-D1	COM/C	DPS Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. Dist must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	ict protocol, but no later than 180 days after initial start-up.	N/A	N/A	N/A	-											SERC	DSR
AQ	AQ-D1a	COM/C	DPS Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. Dist must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision fo further test specifications.	ict	Proposed source test protocol.	Submit protocol 90 days before test date to CPM.	9/30/2020		Not Started										SERC	DSR
AQ	AQ-D1b	COM/C	Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. Distr must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision for further test specifications.	ict	Proposed source test protocol.	Submit protocol 90 days before test date to Air District.	9/30/2020		Not Started							SCAQMD			SERC	DSR
AQ	AQ-D1c	COM/C	PPS Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decisio for methods, averaging times, and test location. Distr must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision fo further test specifications.	ict	Proposed source test protocol.	Notify CPM of proposed date and time 10 days prior to test date.	10/28/2019 2/5/2020		Not Started										SERC	DSR
AQ	AQ-D1d	COM/C	PS Initial Source Test - Owner must conduct initial commissioning air pollutant source tests. See Decision for methods, averaging times, and test location. Distri must approve test protocol in advance. Notify District prior to test of date and time of test. See Decision fo further test specifications.	ict	Proposed source test protocol.	Notify Air District of proposed date and time 10 days prior to test date.	10/28/2019 2/5/2021		Not Started							SCAQMD			SERC	DSR

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AQ		AQ-D2	COM/OP	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PMI0 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The test(s) shall be conducted at least once every three years. 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.		N/A	#VALUE!		Not Started				SCAQMD						SERC	DSR
30 AQ 31		AQ-D2a		Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of date and time of test. See <b>Decision</b> for further test specifications.	The project owner shall 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.	test result report	Submit protocol 45 days before test date to Notify CPM	3/19/2020		Not Started										SERC	DSR
AQ 32		AQ-D2b	COM/OP	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.	test result report	Submit protocol 45 days before test date to Notify District	2/18/2021		Not Started							SCAQMD			SERC	DSR
AQ 33		AQ-D2c		5 Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.		protocol (if proposed),	Submit results 60 days after the test. Notify CPM	7/2/2020		Not Started										SERC	DSR
AQ 34		AQ-D2d	COM/OP	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	Source test results to District and	protocol (if proposed), test result report	Submit results 60 days after the test. Notify District	6/3/2021		Not Started							SCAQMD				
AQ 35		AQ-D2e	COM/OP	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of date and time of test. See <b>Decision</b> for further test specifications.		shall notify the District and CPM no later than	date and time. Test every three years.	5/3/2020		Not Started										SERC	DSR
AQ		AQ-D2f	COM/OP	Operations Source Test - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.		shall notify the District and CPM no later than	date and time. Test every three years.	5/3/2020		Not Started							SCAQMD			SERC	DSR

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, Sta	nton	<sup>₿</sup> Energy	, Reliahi	lity Center Compliance Matrix (16-	L ⊧ AFC-01)	F	G	н	1	J	ĸ	L	CBO Color Code:	N	Pre- Construction	P	Q	к	2	I	U
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4				Revised 4/30/2019		Based on Final S	taff Assessment								Operations						
Techi Reso		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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
27	٩	AQ-D3a	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH <sub>3</sub> quarterly during first 12 months of operation and annually after that. See <b>Decision</b> for methods, averaging times, and test location. Notify District prior to test of date and time of test. See <b>Decision</b> for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days prior to the proposed source test date to both the District and CPM for approval.		Submit protocol 45 days before test date to CPM	4/4/2021		Not Started										SERC	DSR
38 38	٩	AQ-D3b	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall test according to the original protocol. If changes to the testing methods or testing conditions are proposed, then the project owner shall submit a revised protocol for the source tests no later than 45 days oncir to the pronosed source.		Submit protocol 45 days before test date to District	4/4/2021		Not Started							SCAQMD			SERC	DSR
A0 39	٩	AQ-D3c	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 date and time of test. See <b>Decision</b> for further test specifications.	The project owner shall submit the source test results no later than 60 days following the source test date to both the District and CPM.		Submit results 60 days after the test to CPM	7/18/2021		Not Started										SERC	DSR
40	Q	AQ-D3d	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.	The project owner shall submit the source test results no later than 60 days following the source test date to both the District and CPM.		Submit results 60 days after the test to District	7/18/2021		Not Started							SCAQMD			SERC	DSR
41	٩	AQ-D3e	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 date and time of test. See <b>Decision</b> for further test specifications.		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.	5/19/2021		Not Started										SERC	DSR
42	٩	AQ-D3f	COM/OPS	NH3 Source Test - Owner must conduct air pollutant source tests for NH3 quarterly during first 12 months of operation and annually after that. See Decision for methods, averaging times, and test location. Notify District prior to test of date and time of test. See Decision for further test specifications.		notified of the date and time of the test at	The project owner shall notify the District no later than 10 days prior to the proposed initial source test of the date and time of the scheduled test.	5/19/2021		Not Started							SCAQMD			SERC	DSR
43	٩	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 date and time of test. See <b>Decision</b> for further test specifications.		N/A	N/A	Quarterly/Annual		Not Started										SERC	DSR
44	Q	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 pmvd CO at 15% oxygen. See <b>Decision</b> for CO conversion rate formula.	The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine, and in accordance with an approved SCAQMD Rule 218 CEMS plan application. The project owner shall not install the CEMS prior to receiving initial approval from SCAQMD.		The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine, and in accordance with an approved SCAQMD Rule 218 CEMS plan application.	12/12/2019		Not Started										SERC	DSR

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71	on Fr	<u>⊳</u> nergy	Reliabi	ity Center Compliance Matrix (16-	AFC-01)	Г Г	9	п	1	j	ĸ	L .	CBO Color Code:		Pre- Construction	r	ų	ĸ	3	I	0
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Technica Resourc		ond. #	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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
45 AQ	AQ	Ω-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 <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	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	3/11/2020		Not Started										SERC	DSR
AQ 46	AQ	Q-D4b	COM/OPS	CEMS for CO - Install a CEMS to measure CO concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See <b>Decision</b> for CO conversion rate formula.		Certification	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/9/2020		Not Started										SERC	DSR
AQ 47	AC	Q-D5	COM/OPS	CEMS for NOx - Install a CEMS to measure NOX concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See <b>Decision</b> for CO conversion rate formula.	operating no later than 90 days		The CEMS shall be installed and operating no later than 90 days after initial start-up of the turbine			Not Started										SERC	DSR
47 AQ	AQ	Q-D5a	COM/OPS	CEMS for NOx - Install a CEMS to measure NOx concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See <b>Decision</b> for CO conversion rate formula.	make site available for inspection	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	3/11/2020		Not Started										SERC	DSR
AQ 49	AQ	}-D5b	COM/OPS	CEMS for NOx - Install a CEMS to measure NOx concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See <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.		Initial certification testing within 90 days of the conclusion of turbine commissioning period.	6/9/2020												SERC	DSR
AQ 50	AQ	Q-D6a	COM/OPS	Meter for NH <sub>3</sub> Flow - install a meter to measure the total hourly flow/throughput of injected ammonia (NH <sub>3</sub> ). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Calibrate NH3 Meter	N/A	Prior to first fire	2/5/2020		Not Started										SERC	DSR
AQ	AQ	Q-D6b	COM/OPS	Meter for NH <sub>2</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).	Maintain ammonia injection rate between 12 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
52 AQ	AQ	Q-D6c	COM/OPS	Meter for NH <sub>2</sub> Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH <sub>3</sub> ). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Calibrate NH3 Meter	N/A	Once every 12 months	Annually		Not Started										SERC	DSR

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Technica Resource		ond. #	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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
53 AQ	AC	Q-D6d	COM/OPS	Meter for NH <sub>3</sub> Flow - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH <sub>3</sub> ). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission. (See also AQ-D4)	N/A	N/A	Conditional		Not Started									0	SERC	DSR
AQ	AC	Q-D7a	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	Calibrate SCR Inlet temperature gauge	N/A	Prior to first fire	2/5/2020		Not Started										SERC	DSR
	AC	Q-D7b	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	temperature between 460 and 855 degrees F (except during startups	Quarterly Operation Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
56	AC	Q-D7c	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	Calibrate SCR Inlet temperature gauge	N/A	Once every 12 months	Annually		Not Started										SERC	DSR
AQ	AC	Q-D7d	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	temperature between 460 and 855	Quarterly Operations Report (AQ-SC7)	Once every 12 months	Annually		Not Started										SERC	DSR
AQ	AC	Q-D7e	COM/OPS	SCR Temperature Gauge - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain SCR/CO catalyst inlet temperature between 460 and 855 degrees F (except during startups and shutdowns).	District, ARB, and the Energy	N/A	N/A	Conditional		Not Started										SERC	DSR
59 AQ	AC	Q-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 rolumn	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	2/5/2020		Not Started										SERC	DSR
AQ	AC	Q-D8b	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.	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).	Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
61	AC	Q-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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Technical Resource	nd. #	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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
62	-D8d Co	DM/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.	The project owner shall make the site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	N/A	N/A	Conditional	Date sublimited to CPW	uate))	Date Approved by CPW	Tes of No	Amenument Date	Language		660	submittor	to other agencies	Agenties	SERC	DSR
63 AQ AQ	Q-E1	CONS The project owner shall upon completion of construction, operate and maintain this equipment according to the following requirements: In accordance with all air quality mitigation measures stipulated in the final California Energy Commission decision for the 16-AFC- 01 project. [CA PRC CEQA, 5-12-2017] [Devices subject to this condition: D1 G3, 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		Not Started										SERC	DSR
AQ AQ	Q-E2	CONS 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 prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate.			NA	Conditional		Not Started										SERC	TLB
65 AQ AQ-	t-E2a	CONS 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 prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate.	Request an extention of the Permit to Construct	Permit to Construct extension	Prior to expiration of Permit to Construct	Conditional		Not Started							SCAQMD			SERC	TLB
AQ AQ	Q-E3 C	DM/OPS Commissioning Hours - Total commissioning hours shal not exceed 100 hours of fired operation for each turbine from the date of initial turbine startup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	records including the total number of commissioning hours, number of commissioning hours without	r Reports (AQ-SC7). I	Quarterly, no later than 30 days after end of the quarter (See AQ-SC7)	Quarterly		Not Started										SERC	DSR
67 AQ AQ-	t-E3a CC	DM/OPS Commissioning Hours - Total commissioning hours shal not exceed 100 hours of fired operation for each turbine from the date of initial turbine startup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	the SCAQMD with written notification of the initial startup date of each turbine.	The SCAQMD shall be notified in writing of the initial startup date of each turbine.	After first fire of each unit.	N/A		Not Started							SCAQMD			SERC	DSR
AQ AQ-	I-E3b Co	DM/OPS Commissioning Hours - Total commissioning hours shal not exceed 100 hours of fired operation for each turbine from the date of initial turbine startup. Commissioning hours without control shall not exceed 38 of the 100 commissioning hours. Two turbines may be commissioned at the same time. Turbines shall be vented to the CO Oxidation catalyst and SCR control system during any turbine operation after commissioning is completed.	site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy	N/A	N/A	Conditional		Not Started										SERC	DSR
AQ AQ	Q-E4 C0	<ul> <li>DM/OPS Co<sub>2</sub> Emission Limit - 120 lbs/MMBtu CO<sub>2</sub> 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.</li> <li>This turbine shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart TTTT, including applicable requirements for recordkeeping and reporting. [40 CFR 60 Subpart TTTT, 10-23-2015] [Devices subject to this condition: D1, D7]</li> </ul>		Report (AQ-SC7).	Annually, no later than 30 days after end of the 4th quarter (See AQ-SC7)	Annually		Not Started										SERC	DSR
AQ AQ	Q-E5 C0	DM/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		Not Started										SERC	DSR

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	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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
71	AQ	AQ-F1	CONS/CON OPS	the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods	site available for inspection by representatives of the District, California Air Resources Board (ARB), the United States Environmental Protection Agency	NA	N/A	Conditional		Not Started										SERC	DSR
72	AQ	AQ-H1	COM/OPS	NOX CEMS Performance Evaluation -The performance evaluation of the NOX CEMS shall be conducted as part of the initial performance test of the turbine required no later than 180 days after initial start-up by §60.8, in accordance with the requirements of §60.4405. The initial performance test of the turbine shall be conducted to demonstrate compliance with the §60.4320 limit of 25.0 ppmv NOX at 15% O2, 1-hour averaging. [40 CFR 60 Subpart A, 6-3-2016; 40 CFR 60 Subpart KKK, 7-6-2006] [Devices subject to this condition: D1, D7]. See Decision for rules for additional requirements	site available for inspection by representatives of the District,	N/A	No later than 180 days after initial start- up	9/30/2020		Not Started										SERC	DSR
72	AQ	AQ-H2	COM/OPS	Nox CEMS requirements - The Nox CEMS shall comply with the requirements of conditions D82.2 (AQD5), H23.1 (AQ-H1), and H23.2 (AQ-H2). The project owner shall measure and record SO2 emissions by using the applicable procedures specified in appendix D to Part 75 for estimating hourly SO2 mass emissions, pursuant to §75.11(d)(2). The project owner shall measure and record CO2 emissions by following the procedures in appendix G to Part 75 for estimating daily CO2 mass emissions, pursuant to §75.10(a)(3)(ii) and §75.13(b). [40 CFR 75- Acid Rain CEM, 1-18-2012] [Devices subject to this condition: D1, D7] See <b>Decision</b> for rules for additional requirements		N/A	N/A	Ongoing		Not Started										SERC	DSR
74	AQ	AQ-H3	COM/OPS	Refrigerants Requirements - The equipment is subject to the applicable requirements of District Rule 1415. [Devices subject to this condition: E15]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing		Not Started										SERC	DSR
75	AQ	AQ-H4	COM/OPS	Refrigerants Requirements - This equipment is subject to Rule 40 CFR 82, Subpart F. [Devices subject to this condition: E15]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing		Not Started										SERC	DSR
76	AQ	AQ-K1	COM/OPS	Source Test Results - The owner must provide source test results to the District 90 days after testing. See the Decision for detailed requirements.	The project owner shall submit the	CPM	No later than 90 days following the source test date	6/9/2020		Not Started										SERC	DSR
77	AQ	AQ-K1a	COM/OPS	Source Test Results - The owner must provide source test results to the District 90 days after testing. See the Decision for detailed requirements.	The project owner shall submit the source test results no later than 90 days following the source test date to both the District and CPM.	District	No later than 90 days following the source test date	6/9/2020		Not Started							SCAQMD			SERC	DSR
	AQ	AQ-K2	CONS/CON OPS	<ul> <li>/ The project owner shall keep records, in a manner approved by the district, for the following parameter(s) or item(s):</li> <li>For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.</li> <li>For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coating. [RULE</li> <li>3004(a)(4) - Periodic Monitoring, 12-12-1997] [Devices subject to this condition: E14]</li> </ul>	representatives of the District, ARB, U.S. EPA and the Energy Commission.	N/A	N/A	Ongoing		Not Started										SERC	TLB

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3				Revised 4/30/2019		Based on Final S	taff Assessment								Commissioning Operations						
	hnical ource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not started, in progress, completed (with		Condition Amended?		Amended	Date Submitted	Date Approved by		Date Submitted	Date Approved by Other	Responsible	SERC Project
79	AQ	AQ-SC1	PC	Air Quality Construction/Demolition Mitigation Manager (AQCMM) - The project owner shall designate and retain an on-site AQCMM who shall be responsible for directing and documenting compliance with AQ-SC3 AQ-SC4, and AQ-SC5 for the entire project site and linear facility construction.	resume, qualifications, and	Resume of AQCMM & AQCMM Delegates	At least 60 days prior to ground disturbance	11/3/2018	Date Submitted to CPM 11/1/2018 03/27/2019	date)) Completed	Date Approved by CPM 11/6/2018 04/03/2019	I Yes or No	Amendment Date	Language	to CBO	СВО	submit to?	to Other agencies	Agencies	Party SERC	Manager GAL
80	AQ	AQ-SC2	PC	Air Quality Construction Mitigation Plan - The project owner shall provide an AQCMP, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with AQSC3, AQ-SC4, and AQ-SC5.	Submit the AQCMP to the CPM for approval and the South Coast Air Quality Management District (District). The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.	5	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
81	AQ	AQ-SC2a	PC	Air Quality Construction Mitigation Plan - The project owner shall provide an AQCMP, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with AQSC3, AQ-SC4, and AQ-SC5.	Submit the AQCMP to the CPM for approval and the South Coast Air Quality Management District (District). The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.		At least 60 days prior to ground disturbance, the project owner shall submit the AQCMP to the South Coast Air Quality Management District (District).	11/3/2018		Completed							SCAQMD	11/1/2018		SERC	GAL
82	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)	condition, including complaints filed with the District and other documentation necessary. n	MCR	Monthly, no later than 10 business days	Monthly		In Progress										SERC	GAL
83	AQ	AQ-SC4	CONS	AQ Dust Plume Monitoring - The AQCMM or delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes that have the potential to be transported: (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner, indicate that existing mitigation measures are not resulting 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 AQCMP detailing how the additional mitigation measures will be accomplished within the time limits specified: (See <b>Decision</b> AQ-SC4 for Steps 1 through 3 for dust plume response)	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
84	AQ	AQ-SC5	CONS	AQ Construction Mitigation Report - The AQCMM shall submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with the following mitigation measures for purposes of controlling diesel construction related emissions. Any deviation from the following mitigation measures shall require prior CPM notification and approval. (See Decision AQ-SC5 for items A through F).	summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during	f	Monthly, no later than 10 business days	Monthly		In Progress										SERC	GAL
85	AQ	AQ-SC6a		Air Permit Modifications - The project owner shall provide the CPM copies of any District-issued project ai permit for the facility. The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any modification to any permit proposed by the District or U.S. EPA, and any revised permit issued 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.	The project owner shall submit any project air permit and any proposed air permit modification to the CPM within five working days of its submittal either by 1) the project owner to an agency	Within 5 working days of proposing permit modification.	Conditional		Not Started										SERC	GAL

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Tec	hnical source	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended	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
86	AQ	AQ-SC6b	CONS/COM, OPS	Submit Modified Air Permit - See AQ-SC6a	Submit modified permit to CPM	The project owner shall submit any project air permit and any proposed air permit modification to the CPM within five working days of its submittal either by 2) receipt of proposed modifications from an agency.	Within 5 working days of proposing permit modification.	Conditional	Date submitted to CPM	Not Started	Date Approved by CPM	res un nu	Amenument Date	Language		660	submit tor	to other agencies	Agenties	SERC	GAL
87	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
88	AQ	AQ-SC7	COM/OPS	CPM Quarterly Operation Reports - Project owner shall submit to the CPM Quarterly Operation Reports, following the end of each calendar quarter. Operational and emissions information as necessary to demonstrate compliance with the Conditions of Certification herein to be included.	the CPM Quarterly Operation Reports, following the end of each	Quarterly Operation Reports	Quarterly, no later than 30 days following the end of each calendar quarter	Quarterly		Not Started							SCAQMD			SERC	DSR
89	BIO	BIO-1a	PC	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.	The specified information shall be submitted at least 75 days prior to the start of pre-construction site mobilization activities. No pre- construction site mobilization or construction-related activities shall commence until an approved Designated Biologist is available to be on site.		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
90	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
91	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)	document construction activities that have the potential to affect biological resources.	Reports and summaries in the MCR and Annual Compliance Report.	Monthly/Annually	Monthly		In Progress										SERC	GAL
92	BIO	BIO-2b	OPS	mobilization, ground disturbance, grading, construction, operation, closure, or restoration activities. The	report to the CPM copies of all written reports and summaries that document construction activities that have the potential to affect biological resources.	MCR's and ACR's	Monthly/Annually	Monthly		In Progress										SERC	GAL
93	BIO	BIO-3a	PC	Biological Monitor Selection - The project owner's Designated Biologist shall submit the resumes, at least 3 references and contact information, of the proposed Biological Monitors to the CPM for approval.	Submit the specified information to the CPM for approval no less than 30 days prior to the start of any pre-construction site mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	BM's Quals	At least 30 days prior to the start of pre- construction site mobilization.	1/5/2019	11/1/2018	Completed	11/14/2018									JACOBS	GAL

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94	BIO	BIO-3b	CONS/COM, OPS	Biological Monitor Selection - The project owner's Designated Biologist shall submit the resumes, at least 3 references and contact information, of the proposed Biological Monitors to the CPM for approval.	Submit the specified information to the CPM for approval no less than 30 days prior to the start of any pre-construction site mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	If Additional BMs are needed during construction	Approval from CPM at least 10 days prior to their first day of monitoring activities.	Conditional	4/9/2019	In Progress	4/18/2019									JACOBS	GAL
95	BIO	BIO-4a	CONS/COM, OPS	Designated Biologist and Biological Monitor Authority The project owner's construction/operation manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources conditions of certification. If required by the Designated Biologist and/or Biological Monitor(s) the project owner's construction/operation manager shall halt all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall (paraphrase)have the authority to stop construction and notify the CPM of the work stoppage.	Ensure that the DB or BM notify the CPM of any non-compliance or halt of construction.	BM Notify CPM	Morning following the incident (or Monday morning in case of a weekend)	Conditional		Not Started										JACOBS	GAL
96	BIO	BIO-4b	CONS/COM, OPS	Designated Biologist and Biological Monitor Authority The project owner's construction/operation manager shall act on the advice of the Designated Biologist and Biological Monitor(5) to ensure conformance with the biological resources conditions of certification. If required by the Designated Biologist and/or Biological Monitor(5) the project owner's construction/operation manager shall hall all site mobilization, ground disturbance, grading, construction, and operation activities in areas specified by the Designated Biologist. The Designated Biologist shall (paraphrase)have the authority to stop construction and notify the CPM of the work stoppage.	the CPM of any non-compliance or halt of construction.	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
97	BIO	BIO-5a	PC		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
98	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
99	BIO	BIO-5c	CONS/OPS	WEAP Training Acknowledgement Forms on File - See BIO-5a	acknowledgement forms and receive a hardhat sticker indicating	Training acknowledgement forms and issue hard hat stickers	Kept on file for six months after commercial operation begins	11/12/2020		In Progress										ARB	GAL
100	BIO	BIO-5d	CONS/OPS	WEAP Training Acknowledgement Forms on File - See BIO-5a	Workers sign training acknowledgement forms and receive a hardhat sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	who have completed	Monthly	Monthly		In Progress										ARB	GAL

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BI	BIO	BIO-5e	CONS/CC OPS		Workers sign training acknowledgement forms and receive a hardhat sticker indicating they have received training. Training acknowledgement forms to be kept on file for six months after commercial operation and made available to the CPM on request.	training for new	Annually for permanent employees, training within 1 week for new employees	Conditional												SERC	DSR
102	NO	BIO-6a	PC	Biological Resources Mitigation Implementation and Management Plan (BRMIMP) - The project owner shall develop a BRMIMP and submit two copies of the proposed BRMIMP to the CPM (for review and approval) and to CDFW and USFWS (for review and comment), if applicable, and shall implement the measures identified in the approved BRMIMP. The BRMIMP shall be prepared in consultation with the Designated Biologist and shall identify items (1) through (14) (See Decision for the listed items).	CPM at least 45 days prior to start of any pre-construction mobilization.	Draft BRMIMP	At least 45 days prior to the start of pre- construction mobilization	12/21/2018	10/19/2018	Completed	12/13/2018									JACOBS	GAL
BI	NO	BIO-6b	PC/CONS PS	(O 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													JACOBS	GAL
105 BI	BIO	BIO-6c	PC/CON	5 Modifying the BRMIMP - The project owner shall notify the CPM no less than 5 working days before implementing any modifications to the approved BRMIMP to obtain CPM approval.	Notify the CPM in 5 working days. Any changes to the approved BRMIMP must also be approved by the CPM in consultation with appropriate agencies to ensure no conflicts exist.	approved BRMMP	Notify CPM no less than 5 working days before implementing the modificaitons	Conditional		Not Started										SERC	GAL
BI 105	BIO	BIO-6d	CONS	BRMIMP Monthly Compliance Report - See BIO-6a. Implementation of BRMIMP measures shall be reported in the monthly compliance reports by the Designated Biologist (i.e., survey results, construction activities that were monitored, species observed).		MCR	Monthly	Monthly		In Progress										SERC	GAL
BI	BIO	BIO-6e	CONS	BRMIMP Construction Closure Report - See BIO-6a. Provide a written Construction Closure Report identifying which items of the BRMIMP have been completed, a summary of all modifications to the mitigation measure made during the project's site mobilization, and ground disturbance, grading, and construction phases, and which mitigation and monitoring items are still outstanding.	Submit Construction Closure Report to CPM	Construction Closure Report	Within 30 days of construction completion	5/8/2020		Not Started										JACOBS	GAL
107	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).			Monthly	Monthly		In Progress										SERC	GAL
BI 108	BIO	BIO-7b	CONS		All mitigation measures and their implementation methods shall be included in the BRMIMP.		Within 30 days of the completion of construction (CCR), implementation of measures ongoing during construction.	5/8/2020		Not Started										JACOBS	GAL
BI	8IO	BIO-8a1	PC/CON	S Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds - Field Notes - Pre-construction nest surveys shall be conducted if construction work will occur from Februar 15 through August 31 The term "work" shall be defined as all site assessment, pre-construction activities, site mobilization, and ground disturbing construction activities. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following guidelines: (See Decision for 8 specific guideline items - the following is a brief summary). These include survey within 500 feet of the project boundary. Two pre- construction surveys, separated by a 10-day interval. Conduct surveys no more than 14 days before construction start. One survey within 3 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.	USFWS at least 2 weeks prior to initiating surveys; notification shall include the name and resume of the biologist(s) conducting the surveys and the timing of the surveys.	Provide field notes to CPM and CDFW within 24 hours of survey.		2/1/2019 or 2/4/2019 5/8/2019 5/22/2019 For Gas Line: 7/31/19	1/22/2019 2/4/2019 7/3/2019 7/9/2019 8/7/2019 8/7/2019 8/21/2019	In Progress	7/3/2019 7/11/2019 8/23/2019						CDFW, USFWS	1/22/2019		JACOBS	GAL

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BIO	BIC	O-8a2	CONS	Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds - Field Notes - Pre-construction nest surveys shall be conducted if construction work will occur from February 15 through August 31 The term "work" shall be defined as all site assessment, pre-construction activities, site mobilization, and ground disturbing construction activities. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following guidelines: (See <b>Decision</b> for 8 specific guideline items - the following is a brief summary). These include survey within 500 feet of the project boundary. Two pre- construction surveys, separated by a 10-day interval. Conduct surveys no more than 14 days before construction start. Once survey within 3 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.		Provide field notes to CPM and CDFW within 24 hours of survey.	Provide field notes within 24 hours of survey	1/21/2019 2/1/2019 2/1/2019 2/11/2019 For Gas Line: 8/19/19	1/22/2019 2/1/2019 5/7/19	Completed							CDFW, USFWS			JACOBS	GAL
110 BIO 111		IO-8b	CONS	Preconstruction Nest Survey Letter Report - (See Decision BIO-8a for specific guideline items)	the preconstruction nest surveys	preconstruction survey findings	Prior to the start of pre-construction mobilization	1/22/2019, 2/2/2019, 2/5/2019 (optional) 2/12/2019 For Gas Line: 8/19/2019	1/28/2019 2/8/2019 2/27/2019 8/16/19	In Progress							CDFW, USFWS	Gas Line: 5/7/19		JACOBS	GAL
BIO 112	BIO	IO-8c	CONS	Implementation of Nest Surveys and Inclusion in BRMIMP - (See Decision BIO-8a for specific guideline items)	All impact avoidance and minimization measures related to nesting birds shall be included in the BRMIMP and implemented.	Revised BRMIMP (BIO- 6)	After pre- construction nesting surveys	Ongoing For Gas Line 9/5/19	N/A	Not Started	N/A									JACOBS	GAL
BIO 113	BIC	IO-8d	CONS	Monthly Reporting for Preconstruction Nest Surveys - (See Decision BIO-8 for 8 specific guideline items)	Implementation of the measures shall be reported in the MCRs by the Designated Biologist.	MCR	Monthly	Monthly		In Progress										JACOBS	GAL
BIO 114		IO-9a		Jack and Bore Drilling Best Management Practices - During construction using jack and bore drilling techniques the Designated Biologist or Biological Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to monitor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including but not limited to: (See Decision for 6 items)	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		Not Started										SERC	GAL
BIO 115	BIC	IO-9b	CONS	Jack and Bore Drilling Best Management Practices - During construction using jack and bore drilling techniques the Designated Biologist or Biological Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to monitor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including but not limited to: (See Decision for 6 items)	Notify the CPM and CDFW in the event of a frac-out, non- compliance, or halt of jack-and- bore operations.	Notification of any non-compliance or a halt of any jack and bore drilling operations to CPM and CDFW and actions being taken to resolve the problem	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional		Not Started										SERC	GAL
CIVIL	CIV	VIL-1a	PC/CONS	Drainage Structure Design and Grading Plan - Submit to the CBO for review and approval the design of the proposed drainage structures and the grading plan; an erosion and sedimentation control plan; a construction storm water pollution prevention plan; related calculations and specifications, signed and stamped by the responsible civil engineer; and soils, geotechnical, or foundation investigations reports required by the 2016 CBC.	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								1-1.2 5/24/19 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 1-3.2/8/19 PC2 1-1.3 6/14/19 PC3 1.4 2/8/19 PC2				SERC	TAT
116 CIVIL 117	CIV	VIL-1b	PC	Erosion and Sedimentation Control Plan - See CIVIL-1a	and CBO-approved alternative	Erosion and Sedimentation Control Plan	At least 15 days prior to the start of site grading	12/18/2018		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
CIVIL 118	CIV	VIL-1c	PC	Construction Stormwater Pollution Prevention Plan - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative	Construction Stormwater Pollution Prevention Plan	At least 15 days prior to the start of site grading	12/18/2018		Completed					1/7/2019	2/6/2019				SERC	TAT

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CIVI 19	IL	CIVIL-1d	PC	Related Calculations and Specs Stamped by Civil Engineer - See CIVIL-1a	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Related Calculations and Specs Signed and Stamped by Responsible Civil Engineer	At least 15 days prior to the start of site grading; and notify CPM in MCR following the CBO's approval	12/18/2018		Completed					1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19			-	SERC	TAT
CIVI 20		CIVIL-1e	PC	Soils, Geotechnical, or Foundation Reports - See CIVIL- 1a	and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Foundation Investigation Reports required by the 2016 CBC	At least 15 days prior to the start of site grading	12/18/2018		Completed					Ongoing					SERC	TAT
21		CIVIL-1f	PC	Approval of all CIVIL 1a Submittals Noted in MCR - See CIVIL-1a	Statement in the MCR certifying that the documents (CIVIL-1a) have been approved by the CBO.	MCR	Next MCR after approval by CBO	3/13/2019		Completed					3/13/19 4/11/19					SERC	GAL
CIVI 22		CIVIL-2a	CONS	Adverse Soil/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	these new conditions.	and calculations to CBO	when unforseen adverse soil or geologic conditions are identified by RE	Conditional							Conditional					SERC	GAL
CIVI	IL	CIVIL-2b	CONS	Adverse Soil/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	stopped as a result of unforeseen adverse geologic/soil conditions.	Notify CPM of a work stoppage	Notify within 24 hours	Conditional		Not Started					Conditional					SERC	GAL
23 Civi 24	IL	CIVIL-2c	CONS	Adverse Soil/Geologic Conditions - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer rexperienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	the project owner shall provide to the CPM a copy of the CBO's approval		Within 24 hours of the CBO's approval to resume work	Conditional		Not Started										SERC	GAL
CIVI	IL	CIVIL-3a	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspectior 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.	<ul> <li>any discrepancies, the resident engineer shall transmit to the CBO a non-conformance report (NCR), and the proposed corrective action for review and approval.</li> </ul>	conformance report to CBO and proposed	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional							conditional					SERC	TLB/TAT

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Techn Resou		ond. #	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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
CIVI	L CI	IVIL-3b	CONS	owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection	engineer shall transmit to the CPM	conformance report to CPM and proposed	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional		Not Started										SERC	TLB/TAT
CIVI	L CI	IVIL-3c	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	the NCR, the project owner shall submit the details of the corrective	Project owner shal submit details of corrective action to CBO	within 5 days of resolution of non- compliance report	Conditional							conditional					SERC	TLB/TAT
CIVI 128	L CI	IVIL-3d	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	submit the details of the corrective	Project owner shal submit details of corrective action to CBO	within 5 days of resolution of non- compliance report	Conditional		Not Started					conditional					SERC	TLB/TAT
CiVI	L CI	IVIL-3e	CONS	Inspections and Discrepancy Reporting - The project owner shall perform inspections in accordance with the 2016 CBC. All plant site-grading operations, for which a grading permit is required, shall be subject to inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	month shall also be included in the following monthly compliance	MCR	Monthly	Monthly		In Progress										SERC	TLB
CIVI	L CI	IVIL-4a	CONS	Final Grading Plan Approval - After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	drainage work.	Final grading and 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)	5/1/2020		In Progress										POWER	TAT
CIVI	L CI	IVIL-4b		Final Grading Plan Approval - After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	drainage work.	Project owner shall submit copy of CBO's approval to CPM in next monthly compliance report	Upon CBO approval in next monthly compliance report	Monthly	9/14/2018	Completed	10/19/2018									SERC	GAL

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132	СОМ	COM-1		Unrestricted Access -The project owner shall take all steps necessary to ensure that the CPM, responsible Energy Commission staff, and delegate agencies or consultants, have unrestricted access to the facility site related facilities, project-related staff, and the records maintained on-site for the purpose of conducting audits, surveys, inspections, or general or closure- related site visits.			Life of the project	Conditional		In Progress										SERC	TLB
133	СОМ	COM-10		Amendments, Staff-Approved Project Modifications, Ownership Changes, and Verification Changes - The project owner shall petition the Energy Commission, pursuant to Title 20, California Code of Regulations, section 1769, to modify the design, operation, or performance requirements of the project or linear facilities, or to transfer ownership or operational control of the facility. The CPM will determine whether staff approval will be sufficient, or whether Commission approval will be necessary. It is the project owner's responsibility to contact the CPM to determine if a proposed project change triggers the required contents for a Petition to Amend an Energy Commission Decision. The only change that can be requested by means of a letter to the CPM is a request to change the verification method of a condition of certification.	Petition to Amend reimbursement fees owed by a project owner will not exceed \$830,336, adjusted annually. Current amendment fee information is available on the Energy Commission's website at http://www.energy.ca.gov/siting/fi		Life of the project	Conditional	PTA#1 - Additional Laydown Area - 5/22/2019 PTA#2 SoCalGas Additional Laydown Area - 8/19/2019	In Progress	6/21/2019	No								SERC	PZC
133	СОМ	COM-11		Reporting of Complaints, Notices, and Citations - Prior to the start of construction or closure, the project owner shall send a letter to property owners within one mile of the project, notifying them of a telephone number to contact project representatives with questions, complaints or concerns. If the telephone is not staffed 24 hours per day, it must include automatic answering with date and time stamp recording. (See Decision COM-11 for specifications).	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	Reports of complaints	Within 5 business days of complaint receipt, and MCR, ACR, or PCR.	Conditional	12/17/2018	Completed	1/17/2019									SERC	GAL
135	СОМ	COM-12a	PC/CONS	Emergency Response Site Contingency Plan - No less than 60 days prior to the start of construction (or other CPM-approved) date, the project owner shall submit, for CPM review and approval, an Emergency Response Site Contingency Plan. The Contingency Plan shall evidence a facility's coordinated emergency response and recovery preparedness for a series of reasonably foreseeable emergency events.		Emergency Response Site Contingency Plan	60 days before start of construction	1/21/2019	1/25/2019	Completed	1/29/2019									SERC	TLB
126	СОМ	COM-12b	COM/OPS	Emergency Response Site Contingency Plan - Subsequently, no less than 60 days prior to the start of commercial operation, the project owner shall update (as necessary) and resubmit the Contingency Plan for CPM review and approval. The Contingency Plan shall evidence a facility's coordinated emergency response and recovery preparedness for a series of reasonably foreseeable emergency events.		Updated Emergency Response Site Contingency Plan	60 prior to COD	1/17/2020		Not Started										SERC	DSR
136	СОМ	COM-13a		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 <b>Decision</b> 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										SERC	GAL

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138	СОМ	COM-13b	CONS/COM, OPS	Incident-Reporting Requirements - The project owner shall notify the CPM within one hour after it is safe and feasible, of any incident at the facility that results in (See <b>Decision</b> COM-13 for incident types that apply).	project owner shall start submitting monthly status reports;		monthly after incident	Conditional		Not Started										SERC	GAL
139	СОМ	COM-14	OPS	Non-Operation and Repair/Restoration Plan -No later than two weeks prior to a facility's planned non- operation, or no later than one week after the start of unplanned non-operation, the project owner shall notify the CPM, interested agencies, and nearby property owners of this status. During non-operation, the project owner shall provide written updates to the CPM.	will determine when renorting is		No later than two weeks prior to facility's planned non- operation.	6/16/2040		Not Started										SERC	DSR
140	СОМ	COM-15	OPS	Facility Closure Planning -No less than one year prior to closing, or upon an order compelling permanent closure, the owner shall submit a Final Closure Plan and Cost Estimate.			No less than one year prior to closing, or upon an order compelling permanent closure.	7/1/2039												SERC	DSR
141	СОМ	COM-2		Compliance Record - The project owner shall maintain electronic copies of all project files and submittals on- site, or at an alternative site approved by the CPM, for the operational life and closure of the project.	Energy Commission staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition. Files include Final Decision; Petitions, Amendments	NA	Life of the project	Ongoing		In Progress										SERC	TLB
142	СОМ	COM-3			A cover letter from the project owner or an authorized agent is required for all compliance	Verification submittals	Life of the project	Ongoing		In Progress										SERC	GAL
142	СОМ	COM-4a	PC	Pre-Construction Matrix and Tasks Prior to Start of Construction. Prior to construction, the project owner shall submit to the CPM a compliance matrix including only those conditions that must be fulfilled before the start of construction. The matrix shall be included with the project owner's first compliance submittal or prior to the first pre-construction meeting, whichever comes first, and shall be submitted in a format similar to the description below (See <b>Decision</b> COM-4 for specifications).	activities shall not start until the following have occurred: 1. the project owner has submitted the pre-construction matrix and all compliance verifications pertaining to pre-	Pre-construction matrix and pre- construction verifications	Before site mobilization	10/19/2018	9/14/2018	Completed	10/19/2018				(Ref Only)					SERC	GAL

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5 COM 144	C	COM-4b	PC	Pre-Construction Matrix and Tasks Prior to Start of Construction. Prior to construction, the project owner shall submit to the CPM a compliance matrix including only those conditions that must be fulfilled before the start of construction. The matrix shall be included with the project owner's first compliance submittal or prior to the first pre-construction meeting, whichever comes first, and shall be submitted in a format similar to the description	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	Tes or No	Amenament Date	Language	(Ref Only)	CBU	submit to?	to Other agencies	Agencies	SERC	Manager GAL
COM	C	COM-5a	PC/CONS/C 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.		Monthly with MCR and annually with ACR	Monthly		In Progress					(Ref Only)					SERC	GAL
COM 146	C	COM-5b	PC/CONS/C 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.		Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	GAL
СОМ	c	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 <b>Decision</b> COM-6 for specifications).			Monthly, within 10 business days after the end of each reporting month.	Monthly	3/13/19 4/12/19 5/14/19 6/14/19 7/16/19 8/20/19 9/14/19 10/12/19 11/13/19	In Progress					5/15/19 5/15/19 5/15/19 6/17/19 7/17/19 8/14/19 9/14/19 10/14/19 11/13/19					SERC	GAL
COM	c	COM-7	CONS/COM OPS	Annual Compliance Report - After construction is complete, the project must submit searchable electronic ACRs to the CPM, as well as other periodic compliance reports (PCRs) required by the various technical disciplines. ACRs shall be completed for each year of commercial operation and are due each year on a date agreed to by the CPM. Other PCRs (e.g. quarterly reports or	After construction is complete, submit annual compliance reports (ACR) and periodic compliance repotts (PCR)	Submit searchable electronic ACR to CPM, submit PCRs required by the various technical diciplines	Annual Compliance Report	Annually		Not started										SERC	DSR
COM	C	COM-8	PC/CONS/C OM/OPS	Confidential Information - Any information that the project owner designates as confidential shall be submitted to the Energy Commission's Executive Director with an application for confidentiality, pursuant to Title 20, California Code of Regulations, section 2505(a).	Any information deemed confidential pursuant to the regulations will remain undisclosed, as provided in Title 20, California Code of Regulations, section 2501 et seq.	Request for confidentiality	Life of the project	Ongoing		In Progress										SERC	SAG
COM	c	COM-9		Annual Energy Facility Compliance Fee - Pursuant to the provisions of section 25806(b) of the Public Resources Code, the project owner is required to pay ar annually adjusted compliance fee.	date the Energy Commission n dockets its Final Decision. All	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
CUL 151	c	CUL-1a	PC	Cultural Resources Specialist, Monitors, and Technical Specialist - The project owner shall assign a Cultural Resources Specialist (CRS) and at least one Alternate CRS to the project. The project owner shall submit the resumes of the proposed CRS and Alternative CRS(s), with at least three references and contact information, to the Energy Commission Compliance Project Manager (CPM) for review and approval. (See Decision for CRS	of ground disturbance, site preparation, or post-certification cultural resources activities.	Resume	At least 75 days prior to the start of ground disturbance, site preparation, or post- certification cultural resources activities.	10/19/2018	9/27/2018 3/6/2019 8/12/19	Completed	10/18/2018 3/11/2019 8/12/19									JACOBS	GAL
CUL 152	C	CUL-1a	PC	Cultural Resources Specialist, Monitors, and Technical Specialist - The project owner shall assign a Cultural Resources Specialist (CRS) and at least one Alternate CRS to the project. The project owner shall submit the resumes of the proposed CRS and Alternative CRS(s), with at least three references and contact information, to the Energy Commission Compliance Project Manager (CPM) for review and approval. (See Decision for CRS	of ground disturbance, site preparation, or post-certification cultural resources activities.	Resume	At least 75 days prior to the start of ground disturbance, site preparation, or post- certification cultural resources activities.	10/19/2018	9/27/2018 3/6/2019 6/14/19 7/12/19 8/12/19	Completed	10/18/2018 3/11/2019 8/12/19 10/25									JACOBS	GAL

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CUI 153	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.	and contact	At least 10 days working days before termination or release of the CRS	Conditional		Not Started										JACOBS	GAL
CUI	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.	and contact	At least 10 days working days before termination or release of the CRS	Conditional		Not Started										JACOBS	GAL
CUI	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	In Progress	12/3/2018 7/18/2019									JACOBS	GAL
155 CUI	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 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
156 CUI	IL	CUL-1d	PC	Native American Monitors - See Cul-1a (CUL-1 Section D.4)		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
CUI	IL	CUL-1d	PC	Native American Monitors - See Cul-1a (CUL-1 Section D.4)		CPM documenting	At least 30 days prior to the beginning of post-certification cultural resources field work or construction-related ground disturbance	12/3/2018	11/16/2018	Completed	12/3/2018									JACOBS	GAL
150 CUI	IL	CUL-1e	PC/CONS	Additional Cultural Resources and Native American monitors - See Cul-1a (CUL-1 Section D.5)	The owner may submit qualifications for additional CRMS or NAMs as needed.	Submit qualifications to the CPM for review and approval	At least 5 days prior to the CRMs or NAMS beginning on-site duties	Conditional		In Progress										JACOBS	GAL
160	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
CUL	IL	CUL-1g	PC	New technical specialist - See Cul-1a - (CUL-1 Section D.6)	Owner must submit resume(s) of any technical specialist to CPM for review and approval		At least 10 days prior to technical specialist beginning task	Conditional		Not Started										JACOBS	GAL
161 CUI	IL	CUL-1h	PC	Availability of CRS - See Cul-1a - (CUL-1 Section D.7)	Owner must confirm in writing that the approved CRS will be available for onsite work and will implement the cultural resources conditions.	Submit letter confirming the availability of the CRS.	At least 10 days before the start of construction related ground disturbance	12/23/2018	1/8/2019	Completed	1/8/2019									JACOBS	GAL

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	CUL	CUL-1i	PC	CPM Approval of CRS and Alternatives - See Cul-1a -	No ground disturbance shall occur		No ground	Conditional		Completed										JACOBS	GAL
				(CUL-1 Section D.8)	prior to CPM approval of CRS and alternatives unless such activites are approved by the CPM	from CPM	disturbance shall occur without approval														
163	CUL	CUL-1j	CONS	Discharge the CRS, after receiving approval from the CPM See Cul-1a - (CUL-1 Section A.1.2)	completed and the CRS has fulfilled all responsibilities specified in these cultural resources conditions, the project owner may discharge the CRS,	Submit to request to the CPM to discharge the CRS	After all ground disturbances are completed and the CRS has fulfilled all responsibilities specified in these	5/1/2020		Not Started										JACOBS	GAL
164					after receiving approval from the		cultural resources conditions														
165	CUL	CUL-2a	PC	Construction Maps and Drawings - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (See Decision 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.	of construction-related ground disturbance, provide the AFC, data	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
165	CUL	CUL-2b	PC/CONS	Revised Maps and Drawings - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (CUL-2). No construction-related ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 15 days prior to the start of construction-related ground disturbance, if there are changes to any construction-related footprint, provide revised maps and drawings for the changes to the CRS and CPM.	Updated maps and drawings	At least 15 days prior to start of construction-related ground disturbance	Conditional		In Progress										JACOBS	GAL
167	CUL	CUL-2c	CONS	Construction Phasing - Prior to the start of construction related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (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.	of each phase of a phased project, the project owner shall submit the appropriate maps and drawings, if not previously provided, to the	Maps and drawings	At least 15 days prior to the start of a construction phase	Conditional		In Progress										JACOBS	GAL
168	CUL	CUL-2d	CONS	Construction Schedule - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (See Decision 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.	and CPM	Schedule of next week's activities by e- mail, letter, or fax	Weekly during ground disturbance	Weekly		In Progress										ARB	GAL
160	CUL	CUL-2e	CONS	Revised Construction Schedule - Prior to the start of construction-related ground disturbance, the start of each phase, and weekly, provide the CRS 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 5 days of changing the schedule of phases of a phased project, provide written notice of project changes to the CRS and CPM.	Description of changes in phased project	Within 5 days of changing the scheduling of phases	Conditional												ARB	GAL
170	CUL	CUL-2f	CONS	Replacement CRS - Prior to the start of construction- related ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition (See Decision 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.	If a new CRS is appointed, provide maps and drawings (see CUL-2) to the new CRS.		Within 10 days of the approval of the new CRS	Conditional												JACOBS	GAL

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   | Date Approved<br>by Other<br>Agencies          | Responsible<br>Party   | SERC Project<br>Manager   |
| CUL                 | CUL-3a                          | PC  | (CRMMP) - Submit the Cultural Resources Monitoring<br>and Mitigation Plan (CRMMP), as prepared by or under<br>the direction of the CRS and as described in this<br>condition (See <b>Decision</b> CUL-3), to the CPM for review<br>and approval. Implementation of the CRMMP shall be<br>the responsibility of the CRS and the project owner. No<br>ground disturbance shall occur prior to CPM approval of   | owner an electronic copy of the<br>draft model CRMMP for the CRS.<br>At least 30 days prior to the start<br>of ground disturbance, submit the   | Draft CRMMP   | At least 30 days prior<br>to the start of ground<br>disturbance  | 12/3/2018   
   
   | 11/1/2018  | Completed  
   | 12/3/2018   
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   |  | JACOBS   | GAL   |
| CUL                 | CUL-3b                          | PC  | Agreement to Pay Curation Fees - See CUL-3a   | of ground disturbance, in a letter  | agreement to pay  | At least 30 days prior<br>to the start of ground<br>disturbance  | 12/3/2018   
   
   | 11/26/2018   | Completed  
   | 12/18/2018  
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   |  | JACOBS   | GAL   |
| CUL                 | CUL-3c                          | CONS/COM/<br>OPS  | materials requiring curation were generated or<br>collected, the project owner shall provide to the CPM a<br>copy of an agreement with, or other written<br>commitment from, a curation facility that meets the<br>standards stated in the State Historic Resources<br>Commission's (SHRC) Guidelines for the Curation of<br>Archaeological Collections (1993, or future updated<br>guidelines from SHRC), to accept the cultural materials<br>from this project. Any agreements concerning curation  |   | Written agreement<br>with curation facility   | 90 days after<br>completion of ground<br>disturbance (including<br>landscaping)  | 4/1/2020  
   
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| CUL                 | CUL-4a                          |   | shall submit the final CRR to the CPM for approval. The<br>final CRR shall be written by, or under the direction of,<br>the CRS and shall be provided in the Archaeological<br>Resource Management Report (ARMR) format. The final<br>CRR shall report on all field activities including dates,<br>times and locations, results, samplings, and analyses. All<br>survey reports, DPR 523 forms, data recovery reports,  | Submit the CRR to the CPM for review and approval.  | Cultural Resource<br>Report   | Within 30 days of<br>suspension of<br>construction activities<br>(suspended project)   | Conditional   
   
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| CUL                 | CUL-4b                          | CONS/COM/<br>OPS  | shall submit the final CRR to the CPM for approval. The<br>final CRR shall be written by, or under the direction of,<br>the CRS and shall be provided in the Archaeological<br>Resource Management Report (ARMR) format. The final<br>CRR shall report on all field activities including dates,   | review and approval.  | Cultural Resource<br>Report   | Within 90 days of the<br>completion of ground<br>disturbance<br>(completed project)  | 8/21/2020   
   
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| CUL                 | CUL-4c                          | CONS/COM/<br>OPS  | Documentation sent to CHRIS - See Cul-4a  | Provide final CRR to the California<br>Historical Resources Information<br>System and curation institution (if<br>artifacts curated) and tribes<br>requesting copies.   | Cultural Resource<br>Report   | Within 10 days after<br>approval of CRR  | Conditional   
   
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| CUL                 | CUL-5a                          | PC  | Resources - Prior to and for the duration of<br>construction-related ground disturbance, provide<br>Worker Environmental Awareness Program (WEAP)<br>training, as described in the condition (See Decision CUL  | program draft text and/or training<br>video, including graphics, and the<br>informational brochure to the   | Draft WEAP  | At least 30 days prior<br>to the beginning of<br>ground disturbance  | 12/3/2018   
   
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No<br>ground disturbance shall occur prior to CPM approval of<br>the CRMMP, unless such activities are specifically<br>approved by the CPM.           CUL         CUL-3b         PC         Agreement to Pay Curation Fees - See CUL-3a           CUL         CUL-3b         PC         Agreement with curation Facility - If cultural<br>materials requiring curation were generated or<br>collected, the project owner. Not<br>relevance with or other written<br>commitment from, a curation facility that meets the<br>standards statel in the State Historic Nuture updated<br>grudelines from SHCL) to accept the cultural materials<br>from this project. Nuture updated<br>grudelines from SHCL) to accept the cultural materials<br>from this project. Nuture updated<br>grudelines from SHCL to accept the cultural materials<br>from this project. Nuture updated<br>grudelines from SHCL to accept the cultural materials<br>from this project. Nuture updated<br>grudelines from SHCL to accept the cultural materials<br>from this project. Nuture updated<br>grudelines from SHCL to accept the direction of<br>the ECR and shall be provided in the Acchaeological<br>CUL           CUL         CUL-4a         CONS/COM/ Final Cultural Resources Report - The project owner<br>shall submit the final CRR to the CPM for approval. The<br>final CRR shall be provided in the Acchaeological<br>Resource Management Report (ARMR) format. The final<br>CRR shall report | CUL         CUL-36         Price         Description         Verification/Action/Submittal           CUL         CUL-37         Price         Description         Verification/Action/Submittal           CUL         CUL-38         Price         Cultural Resources Monitoring and Mitigation Plan<br>(CBMMP) - Summit the Cultural Resources Monitoring<br>and Mitigation Plan (CBMMP) - Summit the Cultural Resources Monitoring<br>and Mitigation Plan (CBMMP) - Summit the Cultural Resources Monitoring<br>and Mitigation Plan (CBMMP) - Summit the Cultural Resources Monitoring<br>and Mitigation Plan (CBMMP) - Summit the Cultural Resources Monitoring<br>and Mitigation Plan (CBMMP) - Summit the Cultural Resources Monitoring<br>and Mitigation Plan (CBMMP) - Summit the<br>ground disturbances shall courprice to (PM approved to the project<br>organd disturbances, Julice CPM for evidence<br>and poroul. Indeventional Plan (CBMMP) For the CSM.<br>At least 30 drap prior to the CSM<br>approval.           CUL         CUL-38         PC         Apreement to Prey Curation Fees - See CUL-38         At least 30 drap prior to the start<br>of ground disturbances, Julice CPM.<br>The CPM approved by the CPM.           CUL         CUL-40         CONS/COM/<br>CONS         Written Agreement with Curation Facility - If cultural<br>arranabological collections (CINS) or for the visition<br>commitment Toron, a curation facility that mests the<br>from the project. Any agreement with Curation Facility - If cultural<br>arranabological collections (CINS) or for the visition<br>commitment Toron, a curation facility that mests the<br>from the project. Any agreement with Curation of<br>the CCM and approval.         Submit the CRN to the CPM for<br>property.<br>Project. Any agreement withor Curation of<br>the CCM and anable providis the franc | Cont.         Cont.         Proce         Revised 4/30/2019         Proce         Based on Find 5           checkal         Cont. #         Proce         Description         Verification/AclonyDubmits         Submits1           COL         COL-38         Proce         Description         Verification/AclonyDubmits1         Submits1           COL         COL-38         Proc         Advancement to Provide Control Processore Monitoring and Mitigation Processore Monitoring Mition P | Control         Control         Procession         Procession <td>Clip. 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179	CUL	CUL-5b	PC	WEAP training/Training Acknowledgement Form -See Condition CUL-5a	This is provided by the CPM to the owner	Training Acknowledgement Form	At least 15 days before the beginning of ground disturbance	12/18/2018		Completed										ARB	GAL
179	CUL	CUL-5c	CONS/COM, OPS	WEAP Training Records in MCR - See Condition CUL-5a	Provide in the MCR the WEAP Training Acknowledgement forms of the workers who have comleted training in the prior month.	Training Acknowledgement forms for prior month in MCR and running total of all persons who have completed the training.	Monthly until ground disturbance is completed	Monthly	3/13/19 4/12/19 5/14/19 6/14/19 7/16/19 8/20/19	In Progress										SERC	GAL
180	CUL	CUL-6a	PC	Cultural Resources Monitoring, Letter to Native Americans - The project owner shall ensure that a CRS, alternate CRS, or CRMs shall be on site for all ground disturbance in areas slated for excavation into non-fill (native) sediments. See Decision for specifications on monitors and daily monitoring logs.	Commission's contact list of the date on which the project ground	Letter of notification	At least 30 days before the start of ground disturbance	12/3/2018		Completed										JACOBS	GAL
181	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		Completed										JACOBS	GAL
182	CUL	CUL-6c	CONS/COM	Cultural Resources Monitoring, Daily Monitoring Log Submittal - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit each day's monitoring logs and cover sheet merged into one PDF document by email within 24 hours.	Daily monitoring logs	Within 24 hours of previous day's monitoring	Daily		In Progress										JACOBS	GAL
183	CUL	CUL-6d	CONS/COM	Cultural Resources Monitoring, Notification of Non- compliance Incidents - See Decision CUL-6a for specifications on monitors and daily monitoring logs.	The CRS and/or project owner shall notify the CPM of any incidents of non-compliance with the conditions and/or applicable LORS by telephone or email within 24 hours.	Notification of non- compliance incident	Within 24 hours of previous day's monitoring	Conditional	9/24/2019	In Progress	9/27/2019									JACOBS	GAL
194	CUL	CUL-6e	CONS/COM	Cultural Resources Monitoring, Daily Maps of Artifacts found - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The CRS shall provide daily maps of artifacts along with the daily monitoring logs if more than 10 artifacts are found per day, or as requested by the CPM.	Map of artifact finds (if more than 10 artifacts found)	Daily or as requested by the CPM	Conditional		Not Started										JACOBS	GAL
195	CUL	CUL-6f	CONS/COM	Cultural Resources Monitoring, Weekly Maps of Artifacts Found: See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The CRS shall provide weekly maps of artifacts along with the daily monitoring logs if more than 50 artifacts are found per week or as requested by the CPM.	(if more than 50 artifacts found or as	Within two business days after the end of the week	Conditional		Not Started										JACOBS	GAL
186	CUL	CUL-6g	CONS/COM	Cultural Resources Monitoring Native American Monitor Employment - See Decision for specifications on monitors and daily monitoring logs.	The project owner shall submit a copy of a request from a Native American group that a Native American Monitor (NAM) be employed.	Copy of a request by a Native American Group's request that a Native American be employed and copy of the response letter identifying the Native American monitor to the group.	Within 15 days of receiving a request from a Native American group that a NAM be employed	Conditional		Not Started										JACOBS	GAL
187	CUL	CUL-6h	CONS/COM	Cultural Resources Monitoring, Monthly Reports - See Decision CUL-6 for specifications on monitors and daily monitoring logs.		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
188	CUL	CUL-6i	CONS/COM	Cultural Resources Monitoring, Monthly Reports - See Decision CUL-6 for specifications on monitors and daily monitoring logs.		CRIMIP. Monthly Status Reports of Monitoring, including any new DPR 523A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRIMMP.	Weekly, while monitoring occurs	Weekly		In Progress										SERC	GAL

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CUL 89	(	CUL-6j	CONS/CON	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
CUL	C	CUL-6k	CONS/CON	Cultural Resources Monitoring, Change in Monitoring Level - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for a change in the monitoring level.	justification for changing the monitoring level	At least 24 hours prior to implementing a proposed change in monitoring level	Conditional		Not Started										JACOBS	GAL
CUL	(	CUL-6I	CONS/CON	Cultural Resources Monitoring, Change in Daily Reporting - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for reducing or ending daily reporting.	justification for changing or ending daily reporting	At least 24 hours prior to reducing or ending daily reporting	Conditional		Not Started										JACOBS	GAL
CUL 92	С	CUL-6m	CONS/CON	Cultural Resources Monitoring, Comments of Native Americans - See Decision CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	or information	Within 15 days of receiving comments from Native Americans	Conditional	2/5/2019 2/15/2019	Completed	N/A									JACOBS	GAL
93		CUL-7a	PC	Powers of the CRS - The CRS shall have the authority to halt ground disturbance in the event of a discovery. Redirection of ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRS. In the event that a cultural resource over 50 years of age is found (ou if, determined exceptionally significant by the CRS), or impacts to such a resource can be anticipated, ground disturbance shall be halted or redirected in the immediate vicinity of the discovery sufficient to ensure that the resource is protected from further impacts. If the discovery includes human remains, the project owner shall comply with the requirements of Health and Human Safety Code § 7050.5(b) and shall additionally notify the CPM and the NAHC of the discovery of human remains. No action with respect to the disposition of human remains. No Mitre American origin shall be initiated without direction from the CPM. Monitoring, including Native American monitoring, and dially reporting, as provided in other conditions, shall continue during the project's ground-disturbing activities elsewhere, while the halting or redirection of ground disturbance in the vicinity of the discovery shall remain in effect until the CRS has visited the discovery, and all of the following have occurred: (See <b>Decision</b> 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 r have the authority to halt ground disturbance in the vicinity of a cultural resources discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 3:00 AM on Friday and 8:00 AM on Sunday morning.	that the CRS, Alternate CRS, and CRMs have authority to halt		12/3/2018	11/1/2018	Completed	12/3/2018									JACOBS	GAL
94	C	CUL-7b	CONS/CON	DPR-523 Forms (See Decision CUL-7 for specifications).	Unless the discovery can be treated prescriptively, as specified in the CRMMP, completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval.		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
CUL	0	CUL-7c	CONS/CON	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	Within 48 hours of the discovery of a resource of interest to Native Americans	Conditional		Not Started										JACOBS	GAL

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Tech Reso		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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
CI 196	UL	CUL-7d	CONS/CON	Provide Reports and Records to Native American Groups (See Decision CUL-7 for specifications ).	The project owner shall submit to the CPM copies of the information transmittal letters sent to the chairpersons of the Native American tribes or groups who requested the information. Additionally, the project owner shall submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.		No later than 30 days following the discovery of any Native American cultural materials	Conditional		Not started										JACOBS	GAL
CI 197	UL	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
CI 198	UL	CUL-8a	CONS	Fill Soils, Borrow or Fill Site Documentation - If fill soils must be acquired from a non-commercial borrow site or disposed of to a non-commercial disposal site, unless less-than-five-year-old surveys of these sites for archaeological resources are provided to and approved by the CPM, the CRS shall survey the borrow or disposal site(s) for cultural resources and record on DPR 523 forms any that are identified. When the survey is completed, the CRS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow ise, the project owner must either select another borrow or disposal site or implement CUL-7 prior to any use of the site. The CRS shall report on the methods and results of these surveys in the final CRR.	CPM and provide documentation of previous archaeological survey, if any, dating within the past five years, for CPM approval.	Notification to the CPM of the use of a non-commercial borrow site and documentation of previous archaeological survey.	As soon as the project owner knows that a non-commercial borrow site will be used	3/28/2019	3/28/2019	Completed	3/29/2018									JACOBS	GAL
CI 199	UL	CUL-8b	CONS	Fill Soils, Cultural Resources Survey - In the absence of documentation of recent archaeological survey, at least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites, the CRS shall survey the site(s) for archaeological resources	owner and the CPM of the results of the cultural resources survey, with	Results of the cultural resources survey and CRS recommendations for further action, if needed.	At least 30 days before any soil borrow or disposal activities take place on the non- commercial borrow/ disposal site	3/29/2019	3/29/2019	Completed	3/29/2019									JACOBS	GAL
200	LEC	ELEC-1a	CONS	Electrical Systems Design Plans and Specifications - Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORs. (See <b>Decision</b> 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 copy of the transmittal letter in	Design plans, specifications, and calculations and compliance statement to CBO with copy to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction	Ongoing		In Progress					1-1.0: 1/23/19 1-2.0: 2/4/2019 1-3.0: 1/23/19 1-4.0: 1/29/19 1-5.0: 3/4/19 1-5.0: 3/22/19 1-7.0: 3/6/19 1-9.0: 1-10.0: 3/29/19 1-11.0: 1-12.0: 5/20/19 1-3.0 7/24/19 SI- 013 PC1 1-13.0 7/24/19 SI- 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 1-6.0: 4/5/19 1-7.0: 3/20/19 1-8.0: 6/3/19 1-9.0: 1-10.0: 4/16/19 1-11.0 1-12.0: 6/3/19 PF				SERC	ТАТ
201	LEC	ELEC-1b	CONS/COM	Electrical Systems Design Plans and Specifications - Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirement 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 copy of the transmittal letter in	Monthly Compliance Report, Include: receipt or delay of major equipment, testing or energizing of major electrical equipment, and signed statement by registered electrical engineer certifying that the proposed final desing plans and specifications conform to requirements set forth by CEC decision	Monthly	Monthly		In Progress					3/13/19 4/11/19 5/14/19 6/14/19 7/17/19					SERC	GAL

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Technica Resource		ond. #	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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
GEN	GI	EN-1a	CONS/COM	Certificate of Occupancy - The project owner shall design, construct, and inspect the project in accordance with the 2016 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the (see <b>Decision</b> for list of codes) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving (onsite), demolition, repair, or maintenance of the completed facility. In the event that the initial engineering designs are submitted to the CBO when the successor to the 2016 CBSC is in effect, the 2016 CBSC provisions shall be replaced with the applicable successor to the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall mover formed and materials supplied comply with the codes listed above.	verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design.	Statement of verification signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design to CPM	Within 30 days following receipt of the certificate of occupancy from CBO	8/20/2020		Not started										POWER	ΤΑΤ
202 GEN	GI	EN-1b	CONS/COM	Certificate of Occupancy - The project owner shall design, construct, and inspect the project in accordance with the 2016 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the (see Decision for list of codes) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving (onsite), demolition, repair, or maintenance of the completed facility. In the event that the initial engineering designs are submitted to the 20B othen the successor to the 2016 CBSC is in effect, the 2016 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design.	A copy of the Certificate of Occupancy to CPM	Within 30 days following receipt of the certificate of occupancy from CBO	8/20/2020		Not Started										SERC	GAL
GEN	G	EN-1c	OPS	Certificate of Occupancy - The project owner shall design, construct, and inspect the project in accordance with the 2016 California Building Standards Code (CBSC), also known as Title 24, California Code of Regulations, which encompasses the (see Decision for list of codes) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval. The project owner shall ensure that all the provisions of the above applicable codes are enforced during the construction, addition, alteration, moving (onsite), demolition, repair, or maintenance of the completed facility. In the event that the initial engineering designs are submitted to the CBO when the successor to the 2016 CBSC is in effect, the 2016 CBSC provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	shall inform the CPM at least 30 dyas prior to any construction, addition, alteration, moving, demolition, repair, or maintenance to be performed on any portion(5) of the completed facility that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to approve the work.	addition, alteration, moving, demolition, repair, or maintenance of completed facility	Inform the CPM within 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Conditional		Not Started										SERC	DSR

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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
GEN	GEN-2a	PC	drawings and master specifications list, as specified in this condition (See <b>Decision</b> GEN-2). The schedule shall contain the date of each submittal to the CBO. To facilitate audits by Energy Commission staff, provide	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 defined in this condition. Major structures and equipment shall be added to or deleted from the list only with CPM approval.	Schedule, Master Drawings & Specifications Lists	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	ТАТ
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
GEN	GEN-3a	PC/CONS/C OM	Payment of CBO - Make payments to the CBO (made to the Energy Commission) for design review, plan checks, and construction inspections and other applicable CBO activities, based on a reasonable fee schedule to be negotiated between the project owner and the CBO. If the Energy Commission delegates the CBO function to a third party or local agency, the project owner, at the Energy Commission's direction, shall make payments directly to the 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 hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of	CBO monthly payments	Monthly	Monthly		In Progress					Monthly					SERC	RRF/JLJ
GEN	GEN-3b	PC/CONS/C OM	Payment of CBO - Make payments to the CBO (made to the Energy Commission) for design review, plan checks, and construction inspections and other applicable CBO activities, based on a reasonable fee schedule to be negotiated between the project owner and the CBO. If the Energy Commission delegates the CBO function to a third party or local agency, the project owner, at the Energy Commission's direction, shall make payments directly to the 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 hourly rates; or may be otherwise agreed upon by the project owner and the CBO.	required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of	Copy of CBO's Receipt of Payment with the MCR	Monthly	Monthly		In Progress					Monthly					SERC	GAL
GEN	GEN-4a	PC	responsible for the elements listed in this condition (see <b>Decision</b> 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	N/A				Power: 12/24/2018 Jacobs: 12/24/2018 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NV5: 3/4/2019				SERC	TAT
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					Power: 12/24/2018 Jacobs: 12/24/2018 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NV5: 3/4/2019				SERC	TAT
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		Completed					2/6/2019	2/12/2019				SERC	TAT
GEN	GEN-4d	PC/CONS	Notification of Newly Assigned RE - See GEN-4a	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	Conditional	2/6/2019	In Progress					2/6/2019	2/12/2019				SERC	GAL

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Technical Resource	nd. #	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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
GEN GEN 213	N-5a	PC	Registered Engineers - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See Decision GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, solis (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO	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		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
GEN GEN 214	N-5b	PC	Approval of Responsible Engineers - See GEN-5a	Notify the CPM of the CBO's approvals of the Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist within five days of the approval.	Notification to CPM	Within 5 days of the approval	12/8/2018	1/18/2019 4/11/2019	Completed					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
GEN GEN	N-5c	PC	Registered Engineers - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See Decision GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO	registration number for responsible design engineer, mechanical engineer, and electrical engineer	At least 30 days prior to the start of construction	1/5/2019		Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 3/4/2019				SERC	TLB
GEN GEN	N-5d	PC	Approval of Responsible Engineers - See GEN-Sa	Notify the CPM of the CBO's approvals of theresponsible design engineer, mechanical engineer, and electrical engineer within five days of the approval.		Within 5 days of the approval	1/18/2019		Completed					Power: 12/26/2018 Jacobs: 1/16/2019 NV5: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NV5: 3/4/2019				SERC	TLB
GEN GEN	N-5e	CONS	Reassignment of Designated Engineer - See GEN-5a	Notify the CPM and CBO if a designated responsible engineer is reassigned or replaced.	Engineer Resumes and registration number	Within 5 days of re- assignment	Conditional		Not Started										SERC	GAL/TAT
GEN GEN	N-5f	CONS	Approval of Replacement Engineers - See GEN-5a	Notify the CPM of the CBO's approvals of the reassigned engineers within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional	4/11/2019	Completed	4/11/2019									SERC	GAL
GEN GEN	N-6a	CONS	Special Inspector Assignment - Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspector, certified by the 2016 CBC. A certified weld inspectr, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). (See Decision GEN-6 for additional specifications)	Assign certified and qualified special inspectors for special inspections required by the 2016 CBC.	Submit names and qualifications of certified special inspectors to the CBO	At least 15 days before start of an activity requiring special inspectors	Ongoing		In Progress					PC1: 1/16/19 PC2: 1/28/19 6-1.1.0 8/15/19 6-2.1.6 8/16/19 6-3 10/14/19	PC1: 1/17/19 PC2: 1/29/19 6-3 10/16/19 6-1.1.0 8/16/19				ARB	TLB
219 GEN GEN-	N-6aa	CONS	Special Inspector Assignment - Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspector, certified by the 2016 CBC. A certified weld inspector, certified by the American Welding Society (AWS), and/or American Society of Mechanical Engineers (ASME) as applicable, shall inspect welding performed on-site requiring special inspection (including structural, piping, tanks and pressure vessels). (See <b>Decision</b> GEN-6 for additional specifications)	special inspectors for special	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													TLB
GEN GEN	N-6b	CONS	Approval of Inspectors - See GEN-6a	Submit a copy of the CBO's	Submit copies of CBO	Monthly	Monthly		In Progress					PC1: 1/16/19	PC1: 1/17/19				ARB	TLB
221 GEN GEN 222	N-6c	CONS	Reassignment of Inspectors - See GEN-6a	approval of inspectors Notify the CPM and CBO if a designated special inspector is reassigned or replaced.	approvals in the MCR Names and qualifications of certified special inspectors to the CBO for approval	Within 5 days of re- assignment	Conditional		Not Started					PC2: 1/28/19	PC2: 1/29/19					TLB
GEN GEN 223	N-6d	CONS	Approval of Replacement Inspectors -See GEN-6a	Notify the CPM of the CBO's approvals of the new special inspectors within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional		Not Started										ARB	TLB

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3				Revised 4/30/2019		Based on Final S	taff Assessment								Commissioning Operations						
Technica Resource	al Co	ond. #	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	Condition Amended? 1 Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
GEN 224	GE	EN-7a	CONS/COM	Design Discrepancy Correction - If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition of certification and, if appropriate, applicable sections of the CBC and/or other LORS.	Transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the monthly compliance report.	Copy of CBO's approval in the MCR	Monthly	Monthly		Not Started										SERC	GAL
GEN 225	GE	EN-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 disapprova and the revised corrective action to obtain CBO's approval.	Notify CPM and provide revised corrective action I	Within 5 days of CBO disapproval of corrective action	Conditional		Not Started										SERC	GAL
GEN 226	GE	EN-8a	CONS	CBO Inspection and Approval - The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site, or at another accessible location, during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-built shall be provided to the CBO for retention by the CPM.	letter stating both that the above documents have been stored and the storage location of those documents.	written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved plans.	Within 15 days of the completion of any work	Conditional		In Progress										SERC	GAL
GEN	GEI	N-8aa	CONS	CBO Inspection and Approval - The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approved. 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.	approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	the submittal to the CBO a written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved	Monthly as completed	Monthly		In Progress											
227 GEN 228	GE	EN-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.		After storage is in place	Conditional		Not started										SERC	GAL
GEN 229	GE	EN-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	8/21/2020		Not Started										SERC	TAT
GEO 230	GĒ	EO-1a	PC	Solis Engineering Report - A Soils Engineering Report, as required by Section 1803 of the California Building Code (CBC, 2016), or its successor in effect at the time construction of the project commences, shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity; liquefaction; dynamic compaction; compressible soils; corrosive soils; and ground rupture due to faulting. In accordance with the CBC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potentia geologic hazards, if present). In accordance with the California Business and Professions Code, the appropriate qualified California licensed individual(s) is required to sign and seal the Soils Engineering Report.	the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils: and ground rupture due to faulting, and a summary of how the results of the analyses were incorporated into the project's foundation and grading plan design for review and	Soils Engineering Report, application for grading permit to CBO for comments	90 days before grading	11/3/2018		Completed					1-1.0: 1/7/19 1-4.0:1/7/19	1-1.0: 2/1/19 1-4.0: 2/1/19				NV5	тат

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Technica Resource	Con	nd. #	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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
GEO	GEC	0-1b	PC	Soils Engineering Report - A Soils Engineering Report, as required by Section 1803 of the California Building Code (CBC, 2016), or its successor in effect at the time construction of the project commences, shall specifically include laboratory test data, associated geotechnical engineering analyses, and a thorough discussion of seismicity; liquefaction; dynamic compaction; compressible soils; corrosive soils; and ground rupture due to faulting. In accordance with the CBC, the report must also include recommendations for ground improvement and foundation systems necessary to mitigate these (potential geologic hazards, if present). In accordance with the California Business and Professions Code, the appropriate qualified California licensed individual(s) is required to sign and seal the Soils Engineering Report.	the application for a grading permit a copy of the Soils Engineering Report which addresses the potential for strong seismic shaking; liquefaction; dynamic compaction; settlement due to compressible soils; corrosive soils: and ground rupture due to faulting, and a summary of how the results of the analyses were incorporated into the project's foundation and grading plan design for review and	Soils Engineering Report, application for grading permit, and CBO comments to CPM	60 days before grading	12/3/2018	11/2/2018	Completed	11/26/2018				1-1.0: 1/7/19 1-4.0:1/7/19	1.1.0: 2/1/19 1.4.0: 2/1/19			- <b>G</b>	SERC	GAL
HAZ	НА	AZ-1	OPS	Hazardous Materials Management - The project owner shall not use any hazardous materials not listed in Appendix B, below, or in greater quantities or strenghts than those identified by chemical name in Appendix B, below, unless approved in advance by the compliance project manager (CPM).	permit and any comments by the CBO at least 60 days prior to grading. The project owner shall provide to the COM, in the Annual Compliance Report, the Hazardous	Materials Business Plan in the Annual Compliance Report.	Annual Compliance Report	12/31/2020		Not Started										SERC	DSR
HAZ	HA	ıZ-2a	CONS	HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	material on the site for commissioning or operations, the project owner shall provide a copy of the HMBP and SPCC to the CPM		Approximatly 60 days before receiving hazardous materials on site	7/20/2019	8/2/2019	Completed	9/12/2019 10/14/19				1-1.08/6/19 PC1 2-3.08/6/19 PC1					SERC	DSR
HAZ	HAZ	Z-2aa	CONS	HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	material on the site for commissioning or operations, the project owner shall provide a copy of the HMBP and SPCC to the CPM for review.		Approximatly 60 days before receiving hazardous materials on site	7/29/2019		Completed							OCEHD	8/2/2019			
14 HAZ	HAZ	Z-2ab	CONS	Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health		OCEHD for review	At least 30 days before receiving hazardous materials on site	7/29/2019	9/27/2019	Completed	10/14/2019				2-1.1 8/6/19 2-3 PC1 8/6/19 2-3 9/26/19	2-1.1 9/4/19 2-3 PC1 9/4/19 2-3 10/15/19					
HAZ	HAZ	Z-2ac	CONS	Final HMBP and SPCC - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.		OCEHD for review	At least 30 days before receiving hazardous materials on site	7/29/2019		Completed							OCEHD	9/24/2019	7-Nov		

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	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPN	Condition Amended? 1 Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
	HAZ	HAZ-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	At least 30 days before delivery of aqueous ammonia on site	7/29/2019	10/25/2019	Completed	11/12/2019									SERC	DSR
237	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.		At least 30 days before delivery of aqueous ammonia on site	10/20/2019		Completed					10/24/2019	11/12/2019				SERC	DSR
238	HAZ	HAZ-2c	CONS	Final Risk Management Plan - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.		At least 30 days before delivery of aqueous ammonia on site	10/20/2019		Completed							OCEHD	10/24/2019	7-Nov		
239	HAZ	HAZ-3	CONS/COM	Aqueous Ammonia Safety Management Plan - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain lockout control by a power plant employee not involved in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.		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	10/8/2019									SERC	DSR
240	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 tanker truck. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain lockout control by a power plant employee not involvee in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.	approval.	Safety Management Plan to CBO	At least 30 days before delivery of any liquid hazardous material to the facility			Completed					9/30/2019	10/15/2019				SERC	DSR
242	HAZ	HAZ-4	CONS	Ammonia Storage Tank Design - The aqueous ammonia storage facility shall be designed to the ASME Code for Unfired Pressure Vessels, Section VIII, Division 1. The storage tank shall be protected by a secondary containment that drains to an underground vault via (3 1.25 square foot openings capable of holding precipitation from a 24-hour, 25-year storm event plus 100 percent of the capacity of the largest tank within its boundary. The storage tank shall have ammonia detectors positioned to detect an ammonia leak or loss of containment. The final design drawings and specifications for the ammonia storage tank, secondary containment basin, and underground vault shall be submitted to the CPM.	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)		At least 30 days before construction of the ammonia storage and transfer facility	10/20/2019	3/15/2019 4/29/2019 (CBO approval transmitted to CPM)	Completed	4/30/2019				3/14/2019 (reference only)	4/29/2019				POWER	GAL

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Technica Resource		Cond. #	Phase	Revised 4/30/2019 Description	Verification/Action/Submittal	Submittal	taff Assessment Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
HAZ		HAZ-5	CONS	Transport Vehicle Specifications - The project owner shall direct all vendors delivering aqueous ammonia to the site to use only tanker truck transport vehicles that meet or exceed the specifications of MC-307/DOT-407.	supply vendors indicating the	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
HAZ	ŀ	HAZ-6a	CONS	HazMat Transport Route Restrictions - Prior to initial delivery, the project owner shall direct vendors delivering bulk quantities (>800 gallons per delivery) of hazardous material (e.g., aqueous amonia, lubricating and insulating oils) to the site to use only the route approved by the CPM (from State Route 91, exiting on Beach Boulevard and traveling south to Katella Avenue, then east on Katella Avenue and turn left and head north on Dale Avenue to the Stanton entrance). The project owner shall obtain approval of the CPM if an alternate route is desired.	copy of the letter containing the route restriction directions that	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
45	ŀ	HAZ-6b	CONS/OPS	Route Restrictions, New Vendor - See HAZ-6a	The project owner shall submit a copy of the letter containing the route restriction directions that were provided to any new designated hazardous materials vendor to the CPM for review and approval.	Copy of the letter containing route restriction directions for the <b>new hazardous</b> <b>materials vendor</b> .	At least 10 days prior to a new vendor delivery of bulk quantities (>800 gallons per delivery)	Conditional		Not Started					(Ref Only)					SERC	GAL
HAZ 46		HAZ-7	PC	Construction Site Security Plan - Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. (See Decision HAZ-7 of six items/specifications).		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
HAZ	ŀ	HAZ-8a	CONS/OPS	Operations Site Security Plan - The project owner shall also prepare a site-specific security plan for the commissioning and operational phases that would be available to the CPM for review and approval. The project owner shall implement site security measures that address physical site security and hazardous materials storage. The level of security to be implemented shall not be less than that described below (as per NERC Security Guideline for the Electricity Sector: Physical Security v2.0). See Decision HAZ-8 for nine items/specifications.	CPM that a site-specific operations site security plan is available for review and approval.		At least 30 days prior to the initial receipt of hazardous materials on site	7/20/2019	4/30/2019 (Castle Spike Topper Only) 8/9/2019 9/18/2019	Completed	5/16/2019 (Castle Spike Topper Only) 8/9/2019 11/26/2019									SERC	GAL
HAZ	ŀ	HAZ-8b	OPS	Operations Site Security Plan - The project owner shall also prepare a site-specific security plan for the commissioning and operational phases that would be available to the CPM for review and approval. The project owner shall implement site security measures that address physical site security and hazardous materials storage. The level of security to be implemented shall not be less than that described below (as per NERC Security Guideline for the Electricity Sector: Physical Security v2.0). See Decision HAZ-8 for nine items/specifications.	statements similar to Attachment A and Attachment B that all current project employee and appropriate contractor background investigations have been performed, and that updated certification statements have been appended to the operations	similar to Attachment A, Attachment B, and Attachment C	Annual Compliance Report	12/31/2020		Not Started										SERC	GAL

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Tech Reso	ource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
H <i>i</i> 249	IAZ	HAZ-9	CONS/OPS	Fuel Gas Pipe Cleaning - The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve "flammable gas blows" where natural (or flammable) gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non- flammable gas (e.g. air, nitrogen, steam) or mechanical pigging, shall be used as per the latest edition of NFPA 56, Standard for Fire and Explosion Prevention during Cleaning and Purging of Flammable Gas Piping Systems. A written procedure shall be developed and implemented as per NFPA 56, section 4.4.1.	copy of the Fuel Gas Pipe Cleaning Work Plan (as described in the 2014 NFPA 56, section 4.4.1) which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the CBM for information and to the CPM for review and approval.	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before any fuel gas pipe cleaning activities begin	11/27/2019		on										SERC	DSR
ME 250	ECH	MECH-1a	CONS	Plant Piping and Plumbing System Plans- The project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations for each plant major piping and plumbing system listed in the CBO-approved master drawing and master specifications list. The submittal shall also include the applicable quality assurance/ quality control (QA/QC) procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable laws, ordinances, regulations and industry standards. (See <b>Decision</b> MECH-1 for specifications)	specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer	specifications, and calculations and certification of	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		In Progress					1.1:2/8/2019 1.2:2/8/19 1.3:2/11/19 1.4:3/1/19 1.5:4/4/19 1.6:6/10/19 1.66(29/19 1.76/20/19 1.4:0 5/31/19 1-6:0 6/10/19 PC1 1-10 7/23/19 PC1	1.1 : 2/26/19 1.2 : 5/16/19 1.3 : 5/7/19 1.4 : 3/11/19 conditional 1.5 : 5/7/19 1.6 : 6/10/19 PC1 1.6 : 6/25/19 PCF 1.4 0.6 /19/19 PCF 1.4 0.6 19/19 PC1				Power	ТАТ
251	ECH	MECH-1b	CONS	Plant Piping and Plumbing System Plans- The project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations for each plant major piping and plumbing system listed in the CBO-approved master drawing and master specifications list. The submittal shall also include the applicable quality assurance/ quality control (QA/QC) procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable laws, ordinances, regulations and industry standards. (See Decision MECH-1 for specifications)	specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer	of the transmittal letter in the next monthly compliance	Monthly Compliance Report (one time)	Monthly		In Progress										SERC	GAL
252 ME	ECH	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
ME	ECH	MECH-2a	CONS	Pressure Vessel Installation - For all pressure vessels installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by applicable LORS. Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of that installation. (See Decision MECH-2 for additional specifications).	approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the	design review and approval, the above	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 the project owner shall submit to the CBO for design review and approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	11/9/2019		Not Started					9/27/2019	2-1.0 PC1 10/16/19				Power	ТАТ

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	hnical source	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
	1ECH	MECH-2b	CONS	Pressure Vessel Installation - For all pressure vessels installed in the plant, the project owner shall submit to	The project owner shall submit to the CBO for design review and	A copy of the transmittal letter to	At least 30 days (or project owner- and	11/9/2019	10/26/2019	Completed											
				the CBO and California Occupational Safety and Health	approval, the above listed	the CPM of the Design	CBO-approved														
				Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by		e documents to CBO	alternative time frame) prior to the														
				applicable LORS. Upon completion of the installation of	certification, with a copy of the		start of on-site														
				any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of that	transmittal letter to the CPM.		fabrication or installation of any														
25.4				installation. (See <b>Decision</b> MECH-2 for additional specifications).			pressure vessel														
254	1ECH	MECH-2c	CONS	CBO and Cal-OSHA Inspections and Approvals, Pressure		Transmit to the CPM,	Monthly	Monthly		Not Started										SERC	GAL
				Vessels, MCR - See MECH-2a	to the CPM, in the monthly compliance report following	in the monthly compliance report															
					completion of any inspection, a	following completion															
					copy of the transmittal letter conveying the CBO's and/or Cal-	of any inspection, a copy of the transmittal															
					OSHA inspection approvals.	letter conveying the CBO's and/or Cal-															
						OSHA inspection															
255	1ECH	MECH-3a	PC/CONS	HVAC Plans - The project owner shall submit to the CBO	The project owner shall submit to	approvals Calculations, plans,	At least 30 days (or	10/7/2019		Completed					3-1.0 7/10/19 PC1					SERC	JBM
				for design review and approval the design plans, specifications, calculations, and quality control	the CBO the required HVAC and refrigeration calculations, plans,	and specification, and statement of	project owner- and CBO-approved								3-1.1 7/10/19 PC1 3-1.2 7/10/19 PC1						
				procedures for any heating, ventilating, air conditioning		compliance to CBO	alternative time								3-1.2 7/10/19 PC1 3-1.3 7/10/19 PC1						
				(HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the	copy of the signed and stamped statement from the responsible		frame) prior to the start of construction								3-1.4 7/10/19 PC1 3-2.0 7/16/19 PC1						
				appropriate manufacturer's data sheets. (See Decision	mechanical engineer certifying		of any HVAC or								3-2.1 7/10/19 PC1						
				MECH-3 for additional specifications).	compliance with the CBC and other applicable codes, with a		refrigeration system								3-2.2 7/16/19 PC1 3-2.3 6/25/19 PC1						
					copy of the transmittal letter to										3-2.4 4/1/19 PC1						
					the CPM.										3-2.5 4/4/19 PC1 Cisco SPM ?						
256	1ECH	MECH-3b	PC/CONS	HVAC Plans - The project owner shall submit to the CBO	The project owner shall submit to	Calculations plans	At least 30 days (or	10/7/2019	10/25/2019	Completed										SERC	JBM
			1 0/ 00110	for design review and approval the design plans,	the CBO the required HVAC and	and specification, and	project owner- and	10/7/2015	10/20/2010	completed										SERC	35.00
				specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning	refrigeration calculations, plans, and specifications, including a	statement of compliance to CBO,	SPM-approved alternative time														
				(HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the	copy of the signed and stamped statement from the responsible	with a copy of the transmittal letter to	frame) prior to the start of construction														
				appropriate manufacturer's data sheets. (See <b>Decision</b>	mechanical engineer certifying	the CPM	of any HVAC or														
				MECH-3 for additional specifications).	compliance with the CBC and other applicable codes, with a		refrigeration system														
					copy of the transmittal letter to																
257	OISE	NOISE-1a	PC	Public Notification Process - Prior to the start of ground	the CPM. The project owner shall transmit	Public notice to	At least 15 days prior	12/18/2018	12/17/2018	Completed	12/17/2018									JACOBS	GAL
				disturbance, the project owner shall notify all residents within one mile of the project site and one-half mile of	to the CPM a statement, signed by		to the start of ground disturbance														
				the linear facilities, by mail or by other effective means,	manager, stating that the		dista bance														
				of the commencement of project construction. At the same time, the project owner shall establish a	notification to residents within one mile of the project has been																
				telephone number for use by the public to report any	performed, and describing the																
				undesirable noise conditions associated with the construction and operation of the project. If the	method of that notification.																
				telephone is not staffed 24 hours a day, the project owner shall include an automatic answering feature,																	
				with date and time stamp recording, to answer calls																	
				when the phone is unattended. This telephone number shall be posted at the project site during construction																	
				where it is visible to passersby. This telephone number																	
				shall be maintained until the project has been operational for at least one year.																	
258	OISE	NOISE-1b	PC	Telephone Number Confirmation - See NOISE-1a	Transmit to the CPM a statement,	Confirmation of that	At least 15 days prior	12/18/2018	12/17/2018	Completed	12/21/2018									SERC	GAL
			-		signed by the project owner's	the telephone number	to the start of ground				, ,										
					project manager, stating that the telephone number has been	has been established and posted at the site.	disturbance														
					established and posted at the site, and providing that telephone																
259		NO			number.		wells & C	. /- /									ļ	ļ			
	OISE	NOISE-2a	CONS/COM/ OPS	Noise Complaint Process - Throughout the construction and the full term of operation, including facility closure,		Noise Complaint Resolution Form	Within five days of receiving a noise	4/9/2019	4/9/2019	Completed	4/9/2019									SERC	GAL
				the project owner shall document, investigate, evaluate,	documents the resolution of the		complaint														
				and attempt to resolve all project-related noise complaints. See <b>Decision</b> NOISE-2 for specifications.	complaint.																
260										1											

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1 Sta	nton	Energy	y Reliabi	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All P	Phases					1		6/30/2040							Construction						-
3				Revised 4/30/2019		Based on Final S	Staff Assessment								Commissioning Operations						
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261	DISE	NOISE-2b	CONS/COM/ OPS	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.		When the mitigation is implemented	Conditional		In Progress										SERC	GAL
262	DISE	NOISE-3	PC	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 Title 8, California Code of Regulations, Sections 5095-5099, 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-		At least 30 days prior 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
263	DISE	NOISE-4a	COM/OPS	Operational Noise Survey - The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the noise levels due to the project operation alone do not exceed an hourly average exterior noise level of 49 dBA measured at monitoring location LT1 and 43 dBA measured at monitoring location LT2. See Decision NOISE-4 for further specifications.		Conduct the operational noise survey	Within 30 days of achieving a sustained output of 85 percent of rated capacity	4/12/2020		Not Started										Innova	DSR
264	DISE	NOISE-4b	COM/OPS	Noise Survey Summary Report - See NOISE-4a	Prepare a summary report of the operational noise survey for submittal to the CPM. Included in the survey report shall be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures.	Summary report of the operational noise survey to the CPM	e Within 15 days after the survey	5/1/2020		Not Started										Innova	DSR
265	DISE	NOISE-4c	COM/OPS	Revised Noise Survey Summary - See NOISE-4a	When the additional mitigation measures are implemented and in place, the project owner shall repeat and prepare a new summary report of the new survey.	Summary report of the new noise survey	Within 15 days of completing a new survey	Conditional		Not Started										Innova	DSR
266	DISE	NOISE-5	COM/OPS	Occupational Noise Survey - Following the project's attainment of a sustained output of 85 percent or greater of its rated capacity, the project owner shall conduct an occupational noise survey to identify any noise hazardous areas within the power plant. The survey shall be conducted by a qualified person in accordance with the provisions of Title 8, California Code of Regulations, Sections 5095-5099 (Article 105) and Title 29, Code of Federal Regulations, Section 1910.95. The survey results shall be used to determine the magnitude of employee noise exposure. (See Decision NOISE-5 for further information).	The project owner shall submit the noise survey report to the CPM. The project owner shall make the report available to OSHA and Cal- OSHA upon request from OSHA and Cal-OSHA.	Submit to the CPM a summary report of the new noise survey	Within 30 days after completing the new survey	4/12/2020		Not Started					(Ref Only)					Innova	DSR
267	DISE	NOISE-6	PC	driving, shall be restricted to the times delineated in this condition (See <b>Decision</b> NOISE-6). Construction work shall be performed in a manner to ensure excessive		acknowledging restrictions	Prior to ground disturbance	1/1/2019	11/26/2018	Completed	1/3/2019				1/22/2019 (Ref Only)	1/24/2019				SERC	GAL
268	DISE	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.		driving technique to be used		Conditional		Not Started					(Ref Only)					SERC	GAF

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Technica 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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
NOISE	NOISE-7b	CONS	Notify Residents, Pile Driving - See NOISE-7a	The project owner shall notify the residents within one mile of the pile driving. In this notification, the project owner shall state that it will perform this activity in a manner to reduce the potential for any project-related noise and vibration complaints as much as practicable. The project owner shall submit a copy of this notification to the CPM prior to the start of pile driving.	Notification to residents within one mile of the project with copy to CPM	At least 10 days prior to first pile driving	Conditional		Not Started					(Ref Oniy)					JACOBS	GAL
PAL 270	PAL-1a		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).	of ground disturbance, submit a resume and statement of availability of its designated PRS for on-site work.	PRS Resume & Statement of Availability to CPM	At least 60 days prior to the start of ground disturbance	11/3/2018	10/18/2018	Completed	10/18/2018									JACOBS	GAL
PAL 271	PAL-1b		Paleontological Resources Monitors - Ensure that the PRS obtains qualified Paleontological Resource Monitors (PRMs) to monitor as he or she deems necessary on the project. PRMs shall have the equivalent of the qualifications described in this condition (PAL-1).	At least 30 days prior to ground disturbance, provide a letter with resumes naming anticipated monitors, stating that the identified monitors meet the minimum qualifications for paleontological resource monitoring required by the condition.	PRM Resumes & Quals	to ground disturbance	12/3/2018	11/1/2018 7/9/2019	Completed	11/9/2018									JACOBS	GAL
PAL 272	PAL-1c	PC/CONS	Certify additional PRMs (See PAL-1)	PRS shall provide additional letters and resumes to the CPM if needed.	PRM Resumes & Quals	No later than one week before beginning site duties.	Conditional	6/14/2019 6/17/2019(Campbell) 7/9/2019(Serrano) 8/20/19 9/3/2019 9/23/19 By Paleo West (D Alexander) 10/9/19	In Progress	6/17/2019 6/17/2019 (Campbell) 7/11/2019 (Serrano) 8/20/19 9/5/19 9/5/19 9/25/19 (Alexander) 10/9/19									JACOBS	GAL
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
PAL	PAL-2a	PC	Maps and Drawings to PRS - Provide to the PRS and the CPM, for approval, maps and drawings showing the footprint of the project, as described in this condition (See Decision PAL-2). If construction of the project proceeds in phases, maps and drawings may be submitted prior to the start of each phase. A letter identifying the proposed schedule of each project phase shall be provided to the PRS and CPM. The PRS or PRM shall consult weekly with the project superintendent or construction field manager to confirm area(s) to be worked the following week.	At least 30 days prior to the start of ground disturbance, provide the maps and drawings to the PRS and CPM.	Maps and drawings	At least 30 days prior to the start of ground disturbance	12/3/2018	11/26/2018	Completed	12/21/2018									JACOBS	GAL
PAL 275	PAL-2b	PC	Revised Maps and Drawings - If the footprint of the project or its linear facilities change, the project owner shall provide maps and drawings reflecting those changes to the PRS and CPM.	If there are changes to the footprint of the project, revised maps and drawings shall be provided to the PRS and CPM at least 15 days prior to the start of ground disturbance.	Maps and drawings	At least 15 days prior to the start of ground disturbance	Conditional		Not Started										JACOBS	GAL
PAL	PAL-2c	PC/CONS	Schedule Changes - Before work commences on affected phases, the project owner shall notify the PRS and CPM of any construction phase scheduling changes.	If there are changes to the scheduling of the construction	Schedule information	Within 5 days of identifying the changes	Conditional		Not Started										SERC	GAL
276 PAL 277	PAL-3a	PC	and approval to identify general and specific measures to minimize potential impacts to significant	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

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4 Technical Resource	Cond	d. #	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	Condition Amended	Condition Amendment Date	Amended Language	Operations Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
PAL	PAL-:	-3b		Paleontological Resources Monitoring and Mitigation Plan (PRMMP) - A paleontological resources monitoring and mitigation plan (PRMMP) shall be include elements (1) through (10) as specified in this condition (See Decision PAL-3) and submitted to the CPM for review and approval to identify general and specific measures to minimize potential impacts to significant paleontological resources. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.		CPM Approval of PRMMP	Prior to ground disturbance	1/19/2019	11/1/2018	Completed	1/14/2019									SERC	GAL
278 PAL 279	PAL-4	-4a		Worker Environmental Awareness Program, Paleontological Resources - Prior to ground disturbance and for the duration of construction activities involving ground disturbance, as described in this condition (See Decision PAL-4), prepare and conduct weekly CPM- approved paleontological resources training for the workers specified in this condition. The training shall include elements (1) through (7) of this condition.		sticker, script, and procedures.	At least 30 days prior to ground disturbance	1/19/2019	11/1/2018	Completed	11/9/2018									JACOBS	GAL
PAL	PAL-4	-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.		At least 15 days before ground disturbance	2/3/2019	1/10/2019	Completed	1/17/2019									JACOBS	GAL
PAL	PAL-!	5a C		WEAP Training Documentation//MCR - No worker shall excavate 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-5 for further specifications).	In the Monthly Compliance Report (MCR), the project owner shall provide copies of the WEAP certification of completion forms with the names of those trained, trainer identification, and type of training (in-person and/or video) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	MCR, number of personnel trained during the reporting period, and total number of personnel	Monthly	Monthly		In Progress										ARB	GAL
PAL	PAL-	-5b C	CONS/COM	Alternate WEAP Trainer - See PAL-5a	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
PAL 283	PAL-	-6a		Paleontological Monitoring - The project owner shall ensure that the PRS and PRM(s) 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 is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM. The PRS may not further delegate the responsibility for determining whether full-time monitoring is necessary. (See Decision PAL-6 for specifications)	monthly compliance report (MCR)	and summary of monitoring activities	Monthly	Monthly		In Progress										JACOBS	GAL

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2 <b>A</b>	All Phase	s				1	1	6/30/2040							Construction						
3				Revised 4/30/2019		Based on Final	Staff Assessment								Commissioning Operations						
	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
284	PAL	PAL-6b		Notification of Change in Monitoring - See PAL-6a	The project owner shall ensure that the PRS 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 unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change.	monitoring	Notify CPM 15 days in advance of changes in monitoring when feasible	Conditional		Not started										JACOBS	GAL
285	PAL	PAL-7		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 CPM.	Resources Report	Within 90 days after completion of ground- disturbing activities, including landscaping	8/21/2020		Not started										JACOBS	GAL
286	PAL	PAL-8	CONS/COM/ OPS	Curation Entity/Curation Fees - The project owner, through the designated PRS, shall ensure that all components of the PRMMP are adequately performed, including collection of fossil material, preparation of fossil material for analysis, analysis of fossils, identification and inventory of fossils, preparation of fossils for curation, and delivery for curation of all significant paleontological resource materials encountered and collected during project construction. The project owner shall pay all curation fees charged by the museum for fossil material collected and curated as a result of paleontological mitigation. The project owner shall also provide the curator with documentation showing the project owner irrevocably and unconditionally donates, gives, and assigns permanent, absolute, and unconditional ownership of the fossil material.	ownership of all fossil material.	entity responsible for curation and that curation fees have	Within 60 days of submittal of the PRR	10/4/2020		Not Started										JACOBS	GAL
287	SOCIO	SOCIO-1	PC	School Facility Development Fee - The project owner shall pay the current one-time statutory school facility development fee to the Magnolia Elementary School District and to the Anaheim Union High School District as authorized by Education Code Section 17620 and the Magnolia Elementary School District Board Policy BP 7211 Facilities: Developer Fees.	the compliance project manager (CPM) proof that the delegate chief building official (DCBO) has	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
288	S&W	SOIL & WATER-1a	PC	NPDES Construction Permit Requirements - The project owner shall manage storm water pollution from project construction activities by fulfiling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ, NPDES No. CAS00002) 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 a WDID was issued	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018				SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF
289	S&W	SOIL & WATER-1b		NPDES Construction Permit Requirements-Storm Water Pollution Prevention Plan (SWPPP) - See SOIL & WATER 1a	Construction SWPPP to SWRQB	See S&W 1a	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018				SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF

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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Condition Amended? Date Approved by CPM Yes or No	Condition Amendment Date	Amended Language	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
S&W	SOIL & WATER-1c	PC/CONS (	Correspondence with SARWQCB - See SOIL & WATER 1a	The project owner shall submit to the CPM any correspondence between the project owner and the SWRCB or the Santa Ana Regional Water Quality Control Board (SARWQCB) about the general NPDES permit for discharge of storm water associated with this activity. This information shall include the notice of intent, the notice of termination, and any updates to the construction SWPPP.	Correspondence between the owner and SARWQCB	Within ten (10) days of its mailing or receipt	Conditional		Not started				SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAL
S&W	SOIL & WATER-2a	, 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Stormwater Management Plan/WQMP - The project owner shall comply with the Orange County Model Water Quality Management Plan (WQMP) requirements in accordance with Title 4, Division 13 and Title 9, Division 1, of the Orange County Code. The project owner shall provide a WQMP for post-construction storm water BMPs to Orange County for review and the CPM for review and approval. The project owner shall notify the CPM in writing of any reported non- compliance with the county requirements, including documentation of any measures taken to correct the noncompliance, and the results of those corrective measures. See Decision SOIL&WATER-2 for additional specifications.	The project owner shall provide a WQMP for post-construction s torm water BMPs to the CPM and to the Orange County Public Works Department.	WQMP for post- construction stormwater BMPs	At least 120 days prior to site grading	9/14/2018	9/14/2018 (Rev3/19) 3/27/2019	Completed	9/14/2018			PC1:1/17/2019 PC2:2/21/19 PC3:3/18/19 (Ref Only)	3/27/2019				SERC	GAL
S&W	SOIL & WATER-2b		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
S&W	SOIL & WATER-2c		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
S&W	SOIL & WATER-3a		Hydrostatic and Dewatering Water Discharge Permit 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 for discharge when applicable. The project owner shall comply with the requirements of the NPDES Permit Order No. CAG998001 for hydrostatic testing and dewatering (If applicable) water discharge. The project owner shall provide a copy of all permit documentation sent to the Santa Ana Regional Water Quality Control Board (SARWQCB) or State Water Resources Control Board (SWRCB) to the CPM and notify the CPM in writing of any reported non- compliance.	the CPM documentation that all necessary NPDES permits were	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
S&W	SOIL & WATER-3b	PC I	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
S&W	SOIL & WATER-3c		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
S&W	SOIL & WATER-4a	0 5 1 1 1 0	Water Use and Reporting - Water supply for project construction and operation shall be potable water supplied by Golden State Water Company. Project water use for construction shall not exceed 5.6 acre- feet. project operation water use shall not exceed 34 AFY. The project owner shall record daily water use for the project's construction and operation. The project owner shall comply with the water use limits and reporting requirements described below.	include a monthly summary of daily water use. After construction is complete, the project's annual	Summary of daily water use	Monthly Compliance Report	Monthly		In progress										

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2 AI	ll Phase	s				1		6/30/2040							Construction						
3				Revised 4/30/2019		Based on Final S	taff Assessment								Commissioning Operations						
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298	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. project operation water use shall not exceed 34 AFV. The project owner shall record daily water use for the project's construction and operation. The project owner shall comply with the water use limits and reporting requirements described below.	During project construction, the monthly compliance report shall include a monthly summary of daily water use. After construction is complete, the project's annual compliance report shall include a monthly summary of daily water use.	Monthly and annual summary of water use	Annual Compliance Report	12/31/2020		In Progress					(Ref Only)					SERC	DSR
299	S&W	SOIL & WATER-5a		Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.		The project owner shall submitto the CPM evidence that they have complied with all requirements and paid the necessary fees for connection	At least thirty (30) days prior to use of the Golden State Water Company potable water supply	12/3/2018 11/28/2019	11/29/2018	In Progress	12/1/2/18				(Ref Only)					ARB	GAL
300	S&W	SOIL & WATER-5b		Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.		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.	11/28/2019	2/22/2019 3/21/2019	In Progress					(Ref Only)					SERC	GAL
301	S&W	SOIL & WATER-5c	COM/OPS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	testing, and calibration of the metering devices in the ACR. Fees	metering devices in	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
302	S&W	SOIL & WATER-5d	COM/OPS	Water Metering - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	testing, and calibration of the metering devices in the ACR. Fees paid to Golden State Water Company shall be reported in the ACR for the life of the project.	Fees paid to Golden State Water Company shall be reported in the Annual Compliance Report (ACR)	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
303	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.			Prior to the use of the city's sewer system	6/30/2019	(Pacific Street - existing line) 5/9/2019	Completed	5/16/2019				(Ref Only)					ARB	GAL
304	S&W	SOIL & WATER-6b		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.	paid to the city shall be reported in	shall be reported in	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
305	S&W	SOIL & WATER-6c		Sewer Connections - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	waste water discharge and fees paid to the city shall be reported in	summary of waste	Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
306	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 SOL&WATER-7 for list) - Section 401, Section 404, Section 408, Streambed Alteration Agreement,	The project owner shall provide the CPM with copies of the applicable permits or agreements.	Permits or agreement documents	No later than thirty (30) days prior to any construction-related activities that could affect water quality in Carbon Creek	6/30/2019	5/31/2019	Completed	6/19/2019				(Ref Only)					SoCalGas	GAL

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	echnical Resource	Cond. #	Phase	Revised 4/30/2019 Description	Verification/Action/Submittal	Based on Final S	taff Assessment Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
307	S&W	SOIL & WATER-8a	PC	Bridge Encroachment Permits - The project owner shall obtain an encroachment permit for the construction of the vehicle and utility bridges from the Orange County Public Works Department in accordance with Orange County Code – Title 9, Division 2, Article 2, Sections 9-2- 40 and 9-2-50. The project owner shall pay all necessary fees to Orange County Public Works Department for compliance with the permit review and approval process. The project owner shall submit the encroachment permit application package to Orange County Public Works Department and the CPM for review and approval prior to construction. The project owner shall also provide a copy of the approved permit to the CPM.	copy of the application package for the encroachment permit and any comments from Orange County Public Works Department	encroachment permit	At least ninety (90) days prior to bridge construction	11/27/2018	9/17/2018	Completed	12/13/2018			-en i <sup>0</sup> ngéc	2/5/19 (Ref Only)	2/5/19 (Ref Only)		, o our agenues	egundită	SERC	GAL
308	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.		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
309	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 master drawing and master specifications list. The design plans and calculations shall include the lateral force procedures and details as well as vertical calculations. Construction of any structure or component shall not begin until the CBO has approved the lateral force procedures to be employed in designing that structure or component. (See <b>Decision</b> STRUC-1 for specifications).	transmittal letter to the CPM.	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 4.0: 2/7/2019 5.0: 2/7/2019 7.0: 2/14/2019 9.0: 2/14/2019 9.0: 2/24/2019 12.0: 3/11/2019 13.0: 2/20/2019	1.0 Compaction: 3/15/19 1.0 Bridge Design: 4/25/19 2.0: 1/23/2019 3.0: 5/13/19 4.0: 2/6/2019 5.0: 6.0: 2/7/2019 7.0: 3/28/2019 8.0: 5/13/2019 9.0: 3/22/2019 10.0: 2/28/2019 11.0: 5/13/2019 13.0: 2/20/2019 14.0: 5/31/19 16.0: 5/6/19 17.0: 5/13/19 16.0: 5/6/19 17.0: 5/13/19 12.0: 5/23/19 22.0: 5/28/19 23.0: 24.0: 5/31/19 25.0: 5/31/19 27.0:	In Progress	N/A				1.0 Compaction: 3/15/19 1.0 Bridge Design: 4/25/19 2.0: 1/23/2019 3.0: 1/31/2019 4.0: 2/6/2019 5.0: 6.0: 2/7/2019 7.0: 3/28/2019 10.0: 2/28/2019 10.0: 2/28/2019 10.0: 2/28/2019 11.0:4/16/19 12.0: 3/29/2019 13.0: 2/20/2019 15.0: 5/31/19 16.0: 5/31/19 19.0: 20.0: 5/23/19 21.0: 5/24/19 22.0: 5/31/19 25.0: 5/31/19 26.0: 5/31/19 26.0: 5/31/19 26.0: 5/31/19	1.0 Compaction: 3/25/19 1.0 Bridge Design: 5/13/19 2.0: 2/18/2019 3.0: 5/16/19 4.0: 4/9/19 5.0: 6.0: 4/30/19 7.0: 4/29/19 8.0: 5/16/19 10.0:5/22/19 10.0:5/22/19 11.0: 5/16/19 12.0: 5/29/19 13.0: 3/11/2019 15.0: 7/17/19 16.0: 7/22/19 17.0: 7/11/19 18.0: 6/18/19 19.0: 20.0: 7/23/19 21.0: 6/7/19 22.0: 9/11/19 PCF 23.0: 7/11/19 24.0: 7/3/19 PC2 25.0: 26.0: 27.0:				Power	GAL
310					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	Monthly	<i>Uns</i> 01/19	In Progress					Monthly					SERC	GAL
311	STRUC	STRUC-1c	PC/CONS	CBO Approvals Reported in MCR - See STRUC-1a	The project owner shall submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Report list of approved plans, specifications, and calculations	Monthly	Monthly		In Progress					Monthly					SERC	GAL

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Technical Resource	Co	ond. #	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	Condition Amended? 1 Yes or No	Condition Amendment Date	Amended Language	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
STRUC	STR	RUC-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 C80, 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.		Within five days of discovering a discrepancy	Conditional		Not Started										SERC	GAL
STRUC	STR	RUC-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		Not Started										SERC	GAL
313 STRUC 314	STRU	UC-2bb	CONS	Corrective Action Documentation - See STRUC-2a	Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.	Copy of the corrective action to the CPM	Within 5 days of the resolution of the NCR	Conditional		Not Started											
STRUC	STR	RUC-2c	CONS	Corrective Action Documentation - See STRUC-2a	Project owner shall transmit copy of CBO's approval or disapproval of the corrective action to the CPM within 15 days	disapproval of	Within 15 days of the resolution of the NCR	Conditional		Not Started										SERC	GAL
STRUC	STR	RUC-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
STRUC	STR	RUC-3a	PC/CONS	Final Design Changes - The project owner shall submit to the CBO design changes to the final plans required by the 2016 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	design changes, and shall submit the required number of sets of	СВО	Schedule suitable to the CBO	6/30/2019		Not Started										SERC	GAL
STRUC	STRI	UC-3aa	PC/CONS	Final Design Changes - The project owner shall submit to the CBO design changes to the final plans required by the 2016 CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required	CBO and transmittal to CPM	Schedule suitable to the CBO	6/30/2019		Not Started										SERC	GAL
319 STRUC	STR	RUC-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.		Monthly	Monthly		In Progress										SERC	GAL
STRUC	STR	RUC-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.		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												SERC	TAT
STRUC	STR	RUC-4b	CONS	CBO Approvals in MCR - See STRUC-4a	The project owner shall send copies of the CBO approvals of plan checks to the CPM in the monthly compliance report following receipt of such approvals. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.		Monthly	Monthly		In Progress										SERC	GAL

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	TLSN	TLSN-1	CONS	66 kV Line Requirements - The project owner shall construct the proposed 66-kV transmission line according to the requirements of California Public Utilit Commission's GO-95, GO-128, GO-52, GO-131-D, Title 8 and Group 2, High Voltage Electrical Safety Orders, sections 2700 through 2974 of the California Code of Regulations, and Southern California Edison's EMF reduction guidelines.		Letter affirming construction in accordance with requirements	At least 30 days prior to start of construction of the transmission line or related structures and facilities	6/1/2019	3/15/2019	Completed	4/4/2019				3/15/2019 (Ref Only)	3/18/2019				SCE	GAL
322	TLSN	TLSN-2	CONS	Metallic Objects Grounded - The project owner shall ensure that all permanent metallic objects within the proposed route are grounded according to industry standards.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming compliance with this condition.	Letter affirming compliance	At least 30 days before the line is energized	12/27/2019		Not Started					(Ref Only)					SCE	GAF
324	RANS	TRANS-1a	CONS	Roadway Use Permits and Regulations - The project owner shall comply with limitations imposed by the Department of Transportation (Caltrans) and other relevant jurisdictions, including the cities of Stanton, Anaheim, Buena Park, Garden Grove, and Westminster, and the county of Orange, on vehicle sizes and weights, driver licensing, and truck routes.		List of permits received in MCR	Monthly	Monthly		In Progress					(Ref Only)					ARB	GAL
325	RANS	TRANS-1b	CONS	Copies of Permits - See TRANS-1a	The project owner shall retain copies of permits and supporting documentation on-site for compliance project manager (CPM) inspection if requested.	Copies of permits and documentation	During construction	Monthly		In Progress					(Ref Only)					SERC	TLB
326	RANS	TRANS-2a	PC	Traffic Control Plan - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project owner shall consult with the city of Stanton in the preparation and implementation of the TCP. The project owner shall submit the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation of the plan. (See <b>Decision</b> TRANS-2 for specifics).		Traffic Control Plan and transmittal letter to City of Stanton	At least 60 calendar days prior to the start of construction	12/6/2018	10/18/2018	Completed	12/16/2018	Yes	3/5/2019	Increased allowable truck traffic to 120 trucks per day	1/22/2019 (Ref Only)	1/23/2019	City of Stanton	3/1/2019 7/1/2019	3/4/2019 7/17/2019	JACOBS	GAL
T	RANS	TRANS-2b	PC	Traffic Control Plan - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the movement of workers, vehicles, and materials, including arrival and departure schedules and designated workforce and delivery routes. The project owner shall consult with the city of Stanton in the preparation and implementation of the TCP. The project owner shall submit the proposed TCP to the city in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation of the plan. (See <b>Decision</b> TRANS-2 for specifics).	approval. The project owner shall also provide the CPM with a copy of the transmittal letter to the city of Stanton requesting review and comment.	and transmittal letter	At least 60 calendar days prior to the start of construction	11/29/2018	11/29/2018 3/1/2019 7/1/2019	Completed	12/21/2018 3/5/2019 7/18/2019	No No No	3/5/2019	3/5 Increased allowable truck traffic to 120 trucks per 7/18 Inclusion of Main Street between Beach and Fern		1/23/2019				JACOBS	GAL
327 TI	RANS	TRANS-2c	PC	Letters of Comment on TCP - See TRANS-2a	The project owner shall provide copies of any comment letters received from the city of Stanton or any other interested agencies, along with any changes to the TCP, for CPM review and approval.	Copies of comment letters	At least 30 calendar days prior to the start of construction	1/5/2019	11/29/2018	Completed	12/4/2018				1/22/2019 (Ref Only)	1/23/2019				Jacobs	GAL
328 TI 329	RANS	TRANS-2d	PC	Final TCP to City - See TRANS-2a	The project owner shall provide completed copies of the final TCP to the city of Stanton and any other interested agencies, sending copies of the correspondence to the CPM.	parties	After CPM review and approval	3/1/2019	11/29/2018	Completed	12/4/2018				1/22/2019 (Ref Only)	1/23/2019	City of Stanton	3/1/2019	3/4/2019	JACOBS	GAL

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TRANS	5 TRA	ANS-3a	PC	Restoration of Public Roads, Easements, and Rights-of- Way - The project owner shall restore all public roads, easements, rights-of-way, and any other transportation infrastructure damaged due to project-related construction and traffic. Restoration shall be completed in a timely manner to the infrastructure's original condition. Restoration of significant damage which could cause hazards (such as potholes, deterioration of pavement edges, or damaged signage) shall take place immediately after the damage has occurred. Prior to the start of site mobilization, the project owner shall notify the relevant agencies, including the city of Stanton, county of Orange, Caltrans District 12, and any jurisdictions affected by construction of the linear facilities, of the proposed schedule for project construction. The purpose of this notification is to request that these agencies consider postponement of any planned public right-of-way repairs or improvement activities in areas affected by project construction until construction is completed, and to coordinate any concurrent activities that cannot be postponed.	mobilization, the project owner shall videotape roads and intersections along the major routes construction vehicles would take in the vicinity of the project site. The project owner shall provide the videotapes or other recorded visual media to the CPM		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
TRANS	5 TRA	ANS-3b	CONS	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/ agencies stating their satisfaction with the repairs.	Notify CPM and affected agencies to identify sections to be repaired. Establish schedule for completion of repairs with CPM	After road damage has been identified	Conditional		Not started					(Ref Only)					SERC	GAL
TRANS 132			CONS	Roadway Repair Acceptance - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/ agencies stating their satisfaction with the repairs.	repairs	Following completion of repairs	Conditional		Not started					(Ref Only)					SERC	GAL
TRANS	5 TRA	ANS-4a	PC	Encroachment into Public Rights-of-Way - Prior to any ground disturbance, improvements, or obstruction of traffic within any public road, easement, or right-of-way, the project owner shall coordinate with all applicable jurisdictions, including the city of Stanton, to obtain necessary encroachment permits and comply with all applicable regulations, including applicable road standards.	jurisdictions.	Copies of permits from affected jurisdictions	At least 10 days prior to ground disturbance, improvements, or interruption of traffic in or along any public road, easement, or right-of-way	So Cal Gas 6/8/19 SCE 9/20/19	7/31/2019	Completed	8/1/2019				(Ref Only) 7/31/19					SoCalGas/SCE	GAL
TRANS	5 TRA	ANS-4b	CONS/OPS	Copies of Permits - See TRANS-4b	The project owner shall retain copies of the issued permits and supporting documentation in its compliance file.	Copies of the issued permits	Minimum of 180 calendar days after the start of commercial operation.	11/12/2020		In Progress										SERC	TLB

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335	TRANS	TRANS-5a	CONS	Transportation of Hazardous Materials -The project owner shall contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the names of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licensing verification only needs to be included in the MCRs when a new company is used. If a company's licensing verification has already been submitted in an MCR, it is not necessary to submit it again.	materials haulers and licensing verification in	Monthly during construction	Monthly		In Progress					(Ref Only)					SERC	GAL
336	TRANS	TRANS-5b	OPS	Transportation of Hazardous Materials -The project owner shall contrav with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	materials delivery and waste	materials haulers and licensing verification in	Annual Compliance Report	12/31/2020		Not started					(Ref Only)					SERC	DSR
337	TRANS	TRANS-6a		Rail Crossing Safety Plan - Prior to any construction- related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to the city of Stanton for review and comment		At least 60 calendar days prior to the start of construction- related ground disturbance	12/20/2018	11/1/2018	Completed	12/21/2018									Jacobs	GAL
220	TRANS	TRANS-6b		Rail Crossing Safety Plan - Prior to any construction- related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to Union Pacific Railroad (UPRR) for review and comment		At least 60 calendar days prior to the start of construction- related ground disturbance	12/20/2018	11/1/2018	Completed	N/A						UPRR	11/1/18	No comments received from UPRR. Comments were requested by 11/30/18	SERC	GAL
339	TRANS	TRANS-6c	PC	related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related	CPM for review and approval. The project owner shall also provide the CPM with a copy of the	Plan and transmittal	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
340	TRANS	TRANS-6d	PC		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.	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
341	TRANS	TRANS-6e	PC		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.	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

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Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPN	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Date Submitted to CBO	Date Approved by CBO	Other Agencies to submit to?	Date Submitted to Other agencies	Date Approved by Other Agencies	Responsible Party	SERC Project Manager
TRANS	TRANS-7	CONS	FAA Notification for Construction Equipment at or Exceeding 153 Feet AGL - The project owner or its contractor(s) shall file Federal Aviation Administration (FAA) Form 7460-1, Notice of Proposed Construction or Alteration, with the FAA for any construction equipment 153 feet above ground level (AGL) or taller. The project owner shall comply with any conditions imposed by the FAA as part of their hazard determination, such as marking and lighting requirements.	The project owner shall submit to the CPM a copy of the FAA's hazard determination.	FAA Form 7460-2, Notice of Actual Construction or Alteration	At least 30 days prior to the presence onsite of any construction equipment 153 feet AGL or taller	4/24/2019	4/24/2019 5/1/2019 (corrected elevation)	Completed	5/1/2019 8/5/19									Jacobs	GAL
TRANS	TRANS-8a	a 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).	The project owner shall submit to the CPM for review and approval draft language for the letters of request to the FAA, the LAAA Manager, and the FMA Manager. The letters should request a response within 30 days that includes a timeline for implementing the required actions.	Draft letters to the FAA, LAAA Manager, and FMA Manager	Within 60 days following the start of construction	4/19/2019	3/20/2019	Completed	3/22/2019									JACOBS	GAL
TRANS	TRANS-8	b CONS	Final Letters to FAA, LAAA, and FMA - See TRANS-8a	The project owner shall submit the	FAA, LAAA Manager, and FMA Manager	Within 60 days after CPM approval of the draft language	5/7/2019	3/22/2019	Completed	5/22/2019						Los Alamitos Army Airfield, FAA, Fullerton Municipal Airport	3/27/2019		JACOBS	GAL
TRANS	TRANS-80	c CONS	Correspondence from FAA, LAAA, or FMA - See TRANS- 8a	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Copy of correspondence from FAA, LAA or FMA	Within 10 days of receipt	Conditional	FMA - 04/02/2019 FMA&LAAA - 04/11/2019 Additional LAAA correspondence Transmitted on 5/13/19	Completed	4/11/2019									SERC	GAL
TRANS	TRANS-8c	d CONS	Correspondence from FAA, LAAA, or FMA - See TRANS- 8a		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
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 <b>Decision</b> TSE-1), a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. Provide designated packages to the CPM when requested.	submit the schedule, a Master Drawing List, and a Master		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
TSE	TSE-2a	CONS	Final Switchyard Design- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped	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		Completed					2-1.0 8/2/19 PC1	2-1.0 8/22/19 PC1				Power / SCE	GAL

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TSE 349	1	TSE-2b	CONS/COM OPS	Final Switchyard Design- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped	plans, specifications, and calculations for	For 1 year after completion of construction	10/13/2021												SERC	DSR
TSE	ſ	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.	equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped	inspection of insallation applicable	During construction	1/2/2020												SERC	TLB
TSE 351	T	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
TSE 352		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 al applicable LORS, and requirements (a) through (f) listed in this condition (See Decision TSE-3 for further specifications).	the CBO for approval the elements	document list	Prior to the start of construction or modification of transmission facilities	10/1/2019												SERC	GAF
TSE		TSE-4a	CONS	Notice to CAISO - The project owner shall provide the following notice to the California Independent System Operator (California ISO) prior to synchronizing the facility with the California Transmission system: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter stating the proposed date of synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	California ISO one week prior to initial synchronization with the grid. The project owner shall	/	Letter one week prior and report of conversation one day before initial synchronization with the grid	2/11/2020		Not Started										SERC	DSR
TSE		rse-4b	CONS	Notice to CAISO - The project owner shall provide the following notice to the California Independent System Operator (California ISO) prior to synchronizing the facility with the California Transmission system: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter stating the proposed date of synchronization; and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	California ISO one week prior to initial synchronization with the grid. The project owner shall	,	Letter one business day prior and report of conversation one day before initial synchronization with the grid	2/4/2020		Not Started										SERC	DSR

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355	TSE	TSE-5a	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	CPM and CBO "as built engineering descriptions" and inspection	after project	Within 10 days of discovering non- conformance	Conditional		Not Started										SERC	TLB
356	TSE	TSE-5b		As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	CPM and CBO "as built engineering descriptions" and inspection	line drawings of	Within 60 days after first synchronization of the project	4/18/2020		Not Started										SERC	GAF
357	TSE	TSE-5c	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	CPM and CBO "as built engineering descriptions" and inspection	mechanical structure	Within 60 days after first synchronization of the project	4/18/2020		Not Started										SERC	GAF
358	TSE	TSE-5d	COM/OPS	As-Built Drawings - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non- conformance, and describe the corrective actions to be taken.	CPM and CBO "as built engineering descriptions" and inspection	completed	Within 60 days after first synchronization of the project or completed transmission facilities	4/18/2020		Not Started										SERC	GAF
359	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 non-pecular and non-reflective, and the insulators shall be non-reflective and non-refractive. See <b>Decision</b> VIS- 1 for specifications)	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
360	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.		Any modifications to the treatment plan must be submitted to the CPM for review and approval	Conditional		Not Started					(Ref Only)					SERC	GAL

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VIS	VI	IS-1c	CONS	Notification that Treatment Completed - See VIS-1a	The project owner shall notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection and shall submit one set of electronic color photographs from the same Key Observation Points (KOP) 1 and 2.	CPM that surface treatment is completed and color photographs	Prior to the start of commercial operation	4/1/2020		Not Started					(Ref Only)					SERC	GAL
VIS 362	VIS	IS-1d	OPS	Surface Treatment Maintenance - See VIS-1a	Project owner shall provide status report regarding surface treatment maintenance in the ACR. The report shall specify a): the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occured during the reporting year; and c) the schedule of maintenance activities for the next year		Annual Compliance Report	12/31/2020							(Ref Only)					SERC	DSR
VIS	VIS	IS-2a	CONS	Screening Landscaping Plan - The project owner shall also submit to the CPM for review and approval, and simultaneously to the city of Stanton for review and comment, a detailed landscape plan and irrigation plan for the power plant site in fulfillment of requirements o applicable laws, ordinances, regulations, and standards, including water efficiency irrigation standards as required by the city of Stanton. See Decision VIS-2 for specifications.	f the city of Stanton for review and		At the earliest feasible time during or prior to construction and at least 90 days prior to installation	1/9/2020		Not Started					(Ref Only)					SERC	GAL
VIS	VIS	IS-2b	CONS	Revised Landscaping and Irrigation Plans - See VIS-2a	If the CPM determines that the plans require revision, the project owner shall provide to the CPM and simultaneously to the city of Stanton a revised plan for review and approval by the CPM.	Revised landscaping and irrigation plans	No specific time frame	Conditional		Not Started					(Ref Only)					SERC	GAL
VIS	VI	IS-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	5/1/2020							(Ref Only)					ARB	GAF
266	VIS	IS-2d	COM/OPS	Landscaping Ready for Inspection - See VIS-2a	The project owner shall simultaneously notify the CPM and the city of Stanton within seven days after completing installation of the landscaping, that the landscaping is ready for inspection.	inspection	Within seven days of completing the landscaping	5/9/2020		Not Started					(Ref Only)					SERC	GAL
367 VIS	VIS	IS-2e	COM/OPS	Landscaping Ready for Inspection - See VIS-2a	The project owner shall report landscaping maintenance activities, including replacement or dead or dying vegetation, for the previous year of operation in each ACR. The CPM shall have authority to require replacement planting of dead or dying vegetation through the life of the project	,	Annual Compliance Report	12/31/2020		Not Started										SERC	DSR
368	VIS	IS-3a	CONS	Site Lighting, Project Construction and Commissioning Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of on-site construction areas, and construction worker parking lots, minimizes potential night lighting impacts. (See <b>Decision</b> VIS-3 for specifications).	CPM that the lighting is ready for		Within seven calendar days after the first use of construction lighting	3/8/2019	3/4/2019	Completed	3/7/2019									ARB	GAL
VIS	VIS	IS-3b	CONS	Lighting Modifications Corrections - See VIS-3a	If the CPM determines that modifications to the lighting are needed for any construction milestone, project owner shall correct the lighting and notify the CPM that modifications have been completed.		Within 14 calendar days of receiving notification	Conditional		Not Started										ARB	GAL

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	VIS	VIS-3c	CONS	Complaint Reporting - See VIS-3a	The project owner shall provide to the CPM a copy of any complaint reports and resolution form, including a schedule for implementing corrective measures	resolution form, schedule for corrective measures	receiving a lighting	Conditional		Not Started										SERC	GAL
370	VIS	VIS-3d	CONS	Summary of Complaints in MCR - See VIS-3a	to resolve the complaint. The project owner shall report any		Monthly	Monthly		In Progress										SERC	GAL
371					lighting complaints and document their resolution in the monthly compliance report for the project, accompanied by copies of completed complaint report and resolution forms for that month.	resolution in MCR,															
372	VIS	VIS-4a	PC/CONS	Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See <b>Decision</b> VIS-4 for specifications).	comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Plan and transmittal letters to Planning Director of City of Stanton for review and comment	days before ordering any permanent lighting equipment for	12/3/2018		Completed					(Ref Only) Submit 6/4/2019		City of Stanton	11/26/18	11/27/18	POWER	GAL
373	VIS	VIS-4b		Lighting Management Plan, Project Operation - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See Decision VIS-4 for specifications).	comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	transmittal letter submitted to city and the Lighting Management Plan	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018	11/26/2018	Completed	11/27/2018				(Ref Only) Submit 6/4/2019					SERC	GAL
274	VIS	VIS-4c	CONS/COM, OPS	Revised Lighting Plan - See VIS-4a	If the CPM determines that the plan requires revision, the project owner shall provide a plan with the specified revision(s) for review and approval by the CPM. A courtesy copy of the revised plan shall be provided to the Planning Director of the city of Stanton for review and comment and the CPM from review and approval. No work to implement the plan (e.g., purchasing of fixtures) shall begin until final plan approval is received from the CPM.	1	No specific time frame	Conditional		Not started					(Ref Only)					POWER	GAL
275	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 inspection	Prior to the start of commercial operation of the project	11/12/2020		Not Started										SERC	GAL

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Technical Resource	Co	ond. #	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	Condition Amended? Yes or No	Condition Amendment Date	Amended	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 Proje Manage
VIS	VE	IS-4e	COM/OPS	Changes to Lighting System - See VIS-4a	If the CPM notifies the project owner that modifications to the lighting system are required, within 30 days of receiving that notification, the project owner shall implement all specified changes and notify the CPM that the modified lighting system(s) is ready for inspection.	Changes to the lighting system	30 days after receiving the notification	Conditional	Date submittee to CPM	Not Started	Date Approved by CPW	Tes di No	Amenument Date	Language	(Ref Only)	CBU	summetor	to other agencies	Agenties	SERC	GAL
VIS	VI	'IS-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		Within 48 hours of receiving a complaint permanent project lighting	Conditional		Not started					(Ref Only)					SERC	GAL
VIS 8	VI	IS-4g	COM/OPS	Status Report in ACR - Lighting System - See VIS-4a	complaint Project owner shall report any complaints about permanent lighting and document their resolutioin 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
VIS	VI	IS-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.		Prior to COD	11/12/2020		Not Started					(Ref Only)					SERC	GAL
VIS	VI	ʻIS-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		Within in 30 days of receiving notification	Conditional		Not Started					(Ref Only)					SERC	GAL
WASTE	WAS	STE-10a	CONS/COM	Prior to transportation of soils for disposal at the Olind Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.		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
WASTE 2	WAS	STE-10b	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.		from Orange County		2/13/2019	2/14/2019	Completed	2/22/2019									SERC	GAL
WASTE	WAS	STE-1a	PC	Landfill from Orange County Waste and Recycling.	At least 45 days prior to any earthwork, the project owner shall submit the SMP to the CPM for review and approval.		At least 45 days prior to any earthwork	11/18/2018	10/18/2018	Completed	10/19/2018									JACOBS	GAL
WASTE	WAS	STE-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	6/1/2020		Not Started										JACOBS	GAL

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3				Revised 4/30/2019		Based on Final S	taff Assessment								Commissioning Operations						
	echnical esource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date		Compliance Status for CPM (Not									Date Approved		
5	esource						nequireu		Date Submitted to CPM	started, in progress, completed (with date))	Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
	WASTE	WASTE-2	PC	Professional Engineer/Geologist - Provide the resume	At least 30 days prior to the start of site mobilization, submit the	Professional Engineer / Geologist Resume	At least 30 days prior to the start of site	12/3/2018	11/30/2018	Completed	1/8/2019									JACOBS	GAL
				of an experienced and qualified Professional Engineer or Professional Geologist, who shall be available for	resume of the Professional	/ Geologist Resume	mobilization														
385				consultation during site characterization (if needed), demolition, excavation and grading activities, to the	Engineer or Professional Geologist to the CPM for review and																
,	WASTE	WASTE-3a	CONS	Final Engineer/Geologist Report - If seemingly	The project owner shall submit	Final reports by the	Within 5 days of	Conditional	6/12/19 (final NV%	Completed	6/12/2019									JACOBS	GAL
				contaminated soil is identified during site characterization, demolition, excavation, or grading at	any final reports filed by the professional engineer or	engineer or geologist	receipt		reports on 2 barrels and notification of barrel												
				either the proposed site or linear facilities (as evidenced	professional geologist to the CPM within five days of their receipt.				removal)												
				by discoloration, odor, detection by handheld instruments, or other signs), the professional engineer	within live days of their receipt.																
				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																	
386				project owner, representatives of Department of Toxic Substances Control, and the CPM stating the																	
	WASTE	WASTE-3b	CONS	Construction Halt Notification - See WASTE-3a	The project owner shall notify the CPM within 24 hours of any orders		Within 24 hours of orders to halt	Conditional		Not started										SERC	GAL
					issued to		construction														
					halt construction due to contaminated soil.																
387	WASTE	WASTE-4a	PC	Construction and Demolition Environmental Resources	The project owner shall submit the	Construction and	30 days prior	12/3/2018		Completed							OCPW	11/1/2018	1/28/2019	JACOBS	GAF
	WASTE	WASTE-4a	PC	Management Plan - The project owner shall prepare a	C & D Environmental Resources	Demolition	to the initiation of	12/3/2018		Completed							UCPW	11/1/2018	(Approved by	JACOBS	GAF
				Construction and Demolition (C & D) Environmental Resources Management and Recycling Plan for	Management and Recycling Plan to Orange County's Public Works	Environmental Resources and	demolition activities at the site												CPM. No Comments were		
				demolition and construction wastes generated and shal	I Department for review and	Management Plan													received from		
				submit a copy of the plan to the Orange County's Public Works/Planning Department for review, and to the CPM															OCPW)		
				for review and approval. See <b>Decision</b> WASTE-4 for specifications.																	
				specifications.																	
388																					
	WASTE	WASTE-4b	PC	Construction and Demolition Environmental Resources			30 days prior	12/3/2018	11/1/2018	Completed	1/28/2019									JACOBS	GAL
				Management Plan - The project owner shall prepare a Construction and Demolition (C & D) Environmental	C & D Environmental Resources Management and Recycling Plan to	Demolition Environmental	to the initiation of demolition activities														
				Resources Management and Recycling Plan for demolition and construction wastes generated and shall		Resources and Management Plan	at the site														
				submit a copy of the plan to the Orange County's Public		management nam															
				Works/Planning Department for review, and to the CPM for review and approval. See <b>Decision</b> WASTE-4 for	1																
200				specifications.																	
202	WASTE	WASTE-4c	CONS	Waste Volumes Reported in MCR - See WASTE-4a	The project owner shall also	Waste volumes and	Monthly	Monthly		In Progress							1			ARB	GAL
					document in each monthly compliance report (MCR) the	waste management methods in Monthly															
					actual volume of wastes generated																
					and the waste management methods used during the year;																
					provide a comparison of the actual	1															
					waste generation and management methods used to																
					those proposed in the original Construction and Demolition																
					Waste Management Plan; and																
					update the Construction and Demolition Waste Management																
					Plan as necessary to address current waste generation and																
					management practices.																
390	WASTE	WASTE-5a	PC/CONS	Asbestos-Containing Materials - Prior to demolition of	Prior to demolition of pipelines,	Notify CPM of ACM	Prior to demolition of	12/6/2018	2/13/2019	Completed	2/22/2019				Asbestos Survey:	Asbestos Survey:				AEC	GAL
				pipelines, buildings, and associated structures, the project owner shall survey for asbestos-containing	buildings, and associated structures, project owner shall	survey results	pipelines, buildings, and associated								2/13/2019 Garage Demo	2/14/2019 Garage Demo Plan:					
				material (ACM) and notify the CPM of the results. In the	survey for asbestos-containing		structures								Plan: 2/20/2019	2/25/2019					
				case of a need to remove such material, the project owner shall complete and submit a copy of a South	material (ACM) and notify the CPM of the results	1															
				Coast Air Quality Management District Notification of																	
204				Demolition or Renovation Form to the CPM as related to asbestos and other materials.																	
391					I													1			

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	A		<u>v Poliabi</u>	lity Center Compliance Matrix (16-	L ⊧ AEC_01)	F	G	н	1	J	K	L	CBO Color Code:		Pre- Construction	P	Q	к	5	I	U
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3	All Fllase	.5						-,,							Commissioning						
4				Revised 4/30/2019		Based on Final S	staff Assessment								Operations						
	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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
392/	WASTE	WASTE-5b		Asbestos-Containing Materials - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for asbestos-containing material (ACM) and notify the CPM of the results. In the case of a need to remove such material, the project owner shall complete and submit a copy of a South Coast Air Quality Management District Notification of Demolition or Renovation Form to the CPM as related to asbestos and other materials.	The project owner shall provide the Notification of Demolition or Renovation Form to the CPM for review.	Notification of Demolition or Renovation Form to CPM	No less than 60 days prior to commencement of structure demolition	12/6/2018	2/13/2019	Completed	2/22/2019									AEC	GAL
392	WASTE	WASTE-5c	PC/CONS	Asbestos-Containing Materials - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for asbestos-containing material (ACM) and notify the CPM of the results. In the case of a need to remove such material, the project owner shall complete and submit a copy of a South Coast Air Quality Management District Notification of Demolition or Renovation Form to the CPM as related to asbestos and other materials.	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.	ACM removal description in Monthly Compliance Reports	Monthly Compliance Report	Monthly		Completed	4/13/2019									SERC	GAL
394	WASTE	WASTE-6	CONS/COM/ OPS	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 issued number	Report new or temporary Hazardous waste generator ID numbers in Monthly Compliance Report	Monthly Compliance Report	Monthly		In Progress										SERC	GAL
395	WASTE	WASTE-7		Enforcement Action Notification - Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken, or proposed to be taken, against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within ten days of becoming aware of an impending enforcement action. The CPM shal	1	Within 10 days of becoming aware of an impending enforcement action.	Conditional		Not started										SERC	GAL
396	WASTE	WASTE-8a		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 <b>Decision</b> WASTE-8 for specifications.	The project owner shall submit the Operation Waste Management Plan	Operation Waste Management Plan	No less than 30 days prior to the start of project operation	11/12/2020		Not Started										SERC	DSR

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3															Commissioning						-
4 Technic Resour		ond. #	Phase	Revised 4/30/2019 Description	Verification/Action/Submittal	Based on Final 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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Operations 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
WAST	e   wa	ISTE-86	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		Not Started										SERC	DSR
197 WAST 198	E WA	ASTE-8c	OPS	OWMP Report in ACR - See WASTE-8a	Project owner shall also documen in each ACR the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generated and management		Annual Compliance Report	12/31/2020												SERC	DSR
WAST	E W	ASTE-9	CONS/OPS	Unauthorized Release Response - The project owner shall ensure that all spills or releases of hazardous substances, materials, or waste are reported, cleaned up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements.	The project owner shall document all unauthorized releases and spill of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors to the CPM. Informatior including the location of release; date and time of release; reason for release; volume released; amount of contaminated soil/material generated; how release was managed and materia cleaned up; if the release was reported; to whom the release was reported; release corrective action and cleanup requirements placed by regulating agencies; level of cleanup achieved and actions taken to prevent a similar release was and/or contaminated soils and materials that may have been generated by the release.	n al	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
WORKE SAFET		ORKER FETY-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 WORKEN SAFETY-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittal to the CPM for approval.	and Safety and Health Program.	a Safety Program w/OCFA Comments	At least 30 days prior to start of construction	12/3/2018	12/3/2018	Completed	1/29/2019				1/16/19	2/4/2019				ARB	GAL

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1 Stan	on En	nergy	Reliabi	lity Center Compliance Matrix (16-	AFC-01)								CBO Color Code:		Pre- Construction						
2 All Pha				- · ·				6/30/2040							Construction						
3				Desired 4/20/2010		Based on Final St	toff Accorcmont								Commissioning Operations						
4				Revised 4/30/2019		based on Final Si	tan Assessment								Operations						
Technic Resour	con	nd. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM		Date Approved by CPM	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
WORKI SAFET 401		NRKER ETY-1b		Construction H&S Program - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See Decision WORKER SAFETY-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittal to the CPM for approval.	The project owner shall provide to the CPM a copy of a letter from the Orange County Fire Authority stating the fire department's comments on the Construction Fire Prevention Plan and the Emergency Action Plan.	Construction Health & Safety Program w/OCFA Comments CFPP and EAP	At least 30 days prior to start of construction	12/3/2018	Original 12/3/2018; Revision 1/17/2019	Completed	N/A				1/16/19	2/4/2019	OCFA	12/3/2018	No response	ARB	GAL
402				Operations H&S Program - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	Project Operations and Maintenance Safety and Health		At least 30 days prior to the start of first- fire or commissioning	1/11/2020		Not Started					1/16/19	2/4/2019				SERC	DSR
WORKI SAFET				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 SAFETV-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	the Orange County Fire Authority stating the fire department's timely comments on the Operations Fire Prevention Plan, Fire Protection System Impairment Program, and Emergency Action	Maintenance Safety	At least 30 days prior to the start of first- fire or commissioning	1/11/2020		Not Started					1/16/19	2/4/2019				SERC	DSR
WORKE SAFET 404		ORKER ETY-3a	PC	Construction Safety Supervisor - Provide a site Construction Safety Supervisor (CSS) who is qualified as specified in this condition (See <b>Decision</b> WORKER SAFETY-3 for specifications). The CSS shall perform the duties listed in this condition.	information for the Construction	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				ARB	GAL
WORKE SAFET 405	R WOF ( SAFE		PC/CONS	Replacement CSS - See WORKERSAFETY-3a	The contact information of any replacement CSS shall be submitted to the CPM within one business day	Replacement CSS Name/Contact	Within one business day	Conditional		Not started					conditional					ARB	GAL
WORKE SAFET 406		ORKER ETY-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
WORKI SAFET		DRKER ETY-4			proof of its agreement to fund the Safety Monitor services to the		At least 60 days prior to the start of construction	11/3/2018	11/1/2018	Completed	1/18/2019				1/25/2019	1/25/2019				SERC	GAL

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3	$-\Gamma$	]		Revised 4/30/2019		Based on Final S	taff Assassment								Commissioning Operations						
Techn Resou		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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
WORI SAFE		WORKER AFETY-5a	PC	Automatic External Defibrillator - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in the defibrior of the Defibrior MODETCO ACTOR 5.1 The	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	11/15/2018	Completed	12/11/2018				1/22/2019 (Ref Only)	1/23/2019				ARB	GAL
WORI SAFE		WORKER AFETY-5b	PC	Automatic External Defibrillator - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See Decision WORKER SAFETY-5). The training arrows hall be submitted to the CPM for	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	11/15/2018	Completed	12/11/2018				1/22/2019 (Ref Only)	1/23/2019				ARB	GAL
WORI SAFE		WORKER AFETY-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	to the Orange County Fire	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
WORF SAFE		WORKER AFETY-6b	PC	Emergency Access Plan - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton site where the specifications of the roadway will comply with the Stanton Municipal Code and the 2016 (or latest edition) California Fire Code. A secondary access must be	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
WORH SAFE		WORKER ¡AFETY-6c	PC/CONS	Emergency Access Plan, Revised - See WORKERSAFETY- 6a	If a change to the secondary access is proposed by the project owner, the project owner must submit the proposed change, with an updated Emergency Access Plan that shows the new proposed location/ arrangement for the secondary emergency access road, to the Orange County Fire Authority for review and timely comment		90 days before a change to the secondary access would occur	Conditional							1/18/2019 (Ref Only)	1/18/2019	OCFA			JACOBS	GAL
WOR SAFE		WORKER AFETY-6d	PC/CONS	Emergency Access Plan, Revised - See WORKERSAFETY- 6a		Emergency Access Plan showing the secondary emergency access road	91 days before a change to the secondary access would occur	Conditional		Not started					1/18/2019 (Ref Only)	1/18/2019				JACOBS	GAL
WORI SAFE		WORKER AFETY-7a		Fire Protection System Specifications - The project owner shall adhere to all applicable provisions of the latest version of NFPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project owner shall interpret and adhere to all applicable NFPA 850 recommended provisions and actions stating "should" as "shall." In any situations where both NFPA 850 and the state or local LORS have application, the more restrictive shall apply.	that the project adheres to all applicable provisions of NFPA 850.		At least 60 days prior to the start of construction of the fire protection system	7/28/2019		In Progress							OCFA OCFA	2/4/2019 11/21/19		POWER	TAT
WORH SAFE		WORKER AFETY-7b		Fire Protection System Specifications - The project owner shall adhere to all applicable provisions of the latest version of NFPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project owner shall interpret and adhere to all applicable NFPA 850 recommended provisions and actions stating "should" as "shall." In any situations where both NFPA 850 and the state or local LORS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NFPA 850. The project owner shall provide all fire protection system specifications and drawings to the CPM for review and approval		At least 60 days prior to the start of construction of the fire protection system	12/6/2018	2/6/2019 Additional Submittals made on 4/22/19	In Progress										Power	GAL

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2 All Pha	ises					1		6/30/2040							Construction						
3	+			Revised 4/30/2019		Based on Final S	taff Assessment								Commissioning Operations						
Technic Resourc		nd. #	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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	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
WORKE SAFETY		RKER ETY-7c		Fire Protection System Specifications - The project owner shall adhere to all applicable provisions of the latest version of NFPA 850: Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations, as the minimum level of fire protection. The project owner shall interpret and adhere to all applicable NFPA 850 recommended provisions and actions stating "should" as "shall." In any situations where both NFPA 850 and the state or local LORS have application, the more restrictive shall apply.	The project owner shall ensure that the project adheres to all applicable provisions of NFPA 850. The project owner shall provide all fire protection system specifications and drawings to the DCBO for plan check approval and construction inspection.		At least 60 days prior to the start of construction of the fire protection system	7/28/2019		In Progress					7-1.0: 2/4/19 7-2.0: 3/29/19 7-3.0: 4/18/19 7-4.0: 4/18/19 7-5.0: 4/18/19 7-6.0: 5/1/19 7-9.0 10/16/19	7-1.0: 5/14/19 7-2.0: 5/15/19 7-3.0: 5/15/19 7-4.0: 7-5.0: 7-6.0: 5/14/19 7-9.0 10/29/19				Power	GAL
WORKE SAFETY		RKER TY-8a		UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	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
WORKE SAFETY	Y SAF	RKER ETY- a.1		UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UJ 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	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	At least 60 days prior to the start of construction of BESS	10/3/2019		Completed					(Ref Only)					SERC	GAL
415 WORKE SAFETY 419		RKER ETY-8b		UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	the complete ESS fire protection drawings and specifications to the OCFA for review and comment	The project owner shall provide the complete ESS fire protection drawings and specifications to the <b>OCFA</b> for review and comment.	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not started							OCFA			SERC	GAL
WORKE SAFETY 420	Y SAF	RKER FETY- b.1		UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	the complete ESS fire protection drawings and specifications to the CPM for review and approval.	The project owner shall provide the complete ESS fire protection drawings and specifications to the <b>CPM</b> for review and approval.	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started										SERC	GAL

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1 Stanto	n Energ	y Reliab	ility Center Compliance Matrix (16-	AFC-01)	•							CBO Color Code:		Pre- Construction						
2 All Phase					1		6/30/2040							Construction						
3														Commissioning						
4 Technical Resource 5	Cond. #	Phase	Revised 4/30/2019 Description	Verification/Action/Submittal	Based on Final S 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	Condition Amended? Yes or No	Condition Amendment Date	Amended Language	Operations 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
WORKER SAFETY 421	WORKER SAFETY- 8b.2	PC/CONS	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	the complete ESS fire protection drawings and specifications to the CBO for reference only.	UL 9540 certification and drawings and specifications for the ESS to the CBO.	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started					(Refonly)					SERC	GAL
WORKER SAFETY	WORKER SAFETY-8c.	PC/CONS 1	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	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 CPM	Letter from UL to CPM	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started										SERC	GAL
WORKER SAFETY 423	WORKER SAFETY-8c.2	PC/CONS 2	UL 9540 Certification - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	copy of letter from UL stating that the design drawings for the ESS have been reviewed and meet UL 9540 requirements for performing a field certification to the CBO	Letter from UL to CBO	At least 60 days prior to the start of construction of the BESS	11/1/2019		Not Started					(Ref only)					SERC	GAL
WORKER SAFETY 424	WORKER SAFETY-8e	CONS	Letter to OCFA - See WORKERSAFETY-8a	The project owner shall provide a copy of a letter sent from the project owner to the OCFA offering collaboration and assistance in developing standard operating procedures for first responders to deal with any lithium ion battery fires occurring at the project site.	Copy of letter to OCFA offering to develop procedures	At least 60 days prior to commissioning of BESS	1/30/2020	-											SERC	GAL
WORKER SAFETY 425	WORKER SAFETY- 8e.1	CONS	Letter to OCFA - See WORKERSAFETY-8a	The project owner shall provide a copy of a letter sent from the project owner to the OCFA offering collaboration and assistance in developing standard operating procedures for first responders to deal with any lithium ion battery fires occurring at the project site to the CBO for reference only.	offering to develop procedures, to CBO for reference only.	to commissioning of	1/30/2020							(Ref only)					SERC	GAL
	WORKER SAFETY-8f		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	of ESS to CPM.	Prior to the start of BESS commissioning	4/14/2020		Not Started										SERC	GAL
	WORKER SAFETY-8f.1		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	4/14/2020							(Ref only)					SERC	GAL

Attachment 3 – Air Quality

Page 83 of 398



## Memorandum

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

Subject	Stanton Energy Reliability Center (16-AFC-1C) Air Quality Monthly Compliance Report November 2019
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	December 9, 2019
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) and the Southern California Edison's SERC 66KV Interconnection Project site (SCE site) in November 2019 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.

## **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

In November 2019, project construction activities occurred at both the SERC site and the SCE site. 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

# **JACOBS**°

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 A1 and A2 for the SERC site and SCE site, respectively, 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. Additional measures were implemented to clean up track-out. 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 November 2019 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 two sites in November 2019 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN			
	SERC Site				
CAT	Rough Terrain Forklift	SF7A56			
CAT	308E2 Excavator	DA7T55			
CAT	259D Skid Steer loader	JX4T34			
Deere	210l Skip Loader	WK9J63			
Genie	5K Reach Fork	JW5N58			
Grove	GRT880 Crane	XG7V58			
JCB	507-42	RV7M68			
JLG	60' Boom Lift	LR7P73			
JLG	6042 T4F 6K Reach Forklift	HN6U33			
JLG	600AJ Articulating Boom Lift	NL7M56			
JLG	860SJ 85' Boom lift	SG9H76			
JLG	Boom Lift	XM8N56			
JLG	800AJ Boom Lift	SX6J96			



Manufacturer	Equipment Name	EIN
JLG	660SJ Boom Lift	JJ6V59
Manitowoc	Manitowoc 999	TX5P83
Xtreme	XR1255 Forklift	VC6G63
Xtreme	XR2045 Forklift	VT6H48
	SCE Site – Substation/Sub-transmissio	on
Bobcat	\$770	VD5L46
Bobcat	E32	JX8N65
Caterpillar	450F	UU6G94
Caterpillar	450	MU4K93
Caterpillar	450	TL8K73
GEHL	RS5-19	NW8R57
JLG	1732	YL6547
SNORKEL	AB60J	EX9H48
SNORKEL	AB-85R	JY8C64
SNORKEL	A46JRT	GP3K57
SNORKEL	A46JRT	NL4F64

Attachments B1 and B2 provides a table summarizing information about the engines, including the CARB Engine Identification Number (EIN), tier, and the dates the equipment was used on the two project sites. Attachments B1 and B2 also contain the AQ-SC5 daily field checklists for off-road diesel engines used at the two sites and letters from the equipment owners indicating the equipment has been properly maintained. Maintenance letters for four pieces of equipment at the SCE site were not available at the time this report was prepared. These letters will be submitted as an addendum or with December's report when they are available.

Attachment A1 Documentation of AQ-SC3 Compliance (SERC Site)

AQCMM or Delegate nar

AQCMM or Delegate signature:

11/1/2019 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 N/A 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

. . . . . . .

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:10:09

	Mike Malsy
me:	-

AQCMM or Delegate name:

AQCMM or Delegate signature:

November 4, 2019

Jon Kimble

Jon Kimble Digitally signed by Jon Kimble Date: 2019.11.04 15:48:21 -08'00'

Date:

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	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?	N/A	
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> plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:11:15 -08'00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	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?	N/A	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? <b>If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form</b> (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:11:43

AQCMM or Delegate signature:

11/6/2019 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 N/A 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: 2019.12.02 04:12:37 -08'00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_\_11/7/2019

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 N/A 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:

11/8/2019

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 N/A 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: 2019.12.02 04:13:21 -08:00'

Date:

AQCMM or Delegate name:

AQCMM or Delegate signature:

11/11/2019 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 N/A 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: 2019.12.02 04:14:37 -08:00'

Mike Malsy AQCMM or Delegate name:

AQCMM or Delegate signature:

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:15:09 -08'00'

Date: \_\_\_\_\_

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	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?	N/A	
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: 2019.12.02 04:15:51 -08'00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	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?	N/A	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	Y	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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

ADDITIONAL NOTES:

AQCMM or Delegate name:

AQCMM or Delegate signature:

11/14/2019 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 N/A 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: 2019.12.02 04:16:19 -08:00'

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Date: 2019.12.02 04:16:53

AQCMM or Delegate signature:

Date: \_\_\_\_\_

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	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?	N/A	
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> plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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

ADDITIONAL NOTES:

Mike Malsy AQCMM or Delegate name:

AQCMM or Delegate signature:

Michael Malsy Date: 2019.12.02 04:17:52

Date: \_\_\_\_\_

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	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?	N/A	
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:

11/19/2019 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 N/A 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: 2019.12.02 04:18:18 -08:00'

AQCMM or Delegate name:

AQCMM or Delegate signature:

11/20/2019 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 N/A 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

name:	,	
signature:	Michael Malsy	Digitally signed by Michael Malsy Date: 2019.12.02 04:19:30 -08'00'

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Date: 2019.12.02 04:20:02 -08'00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	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?	N/A	
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> plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	N	

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:20:37 -08:00'

AQCMM or Delegate signature:

Date: \_\_\_\_\_\_11/22/2019

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 N/A 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:

11/25/2019

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 N/A 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: 2019.12.02 04:21:18 -08:00'

Date:

AQCMM or Delegate name:

Mike Malsy

Michael Malsy Digitally signed by Michael Malsy Date: 2019.12.02 04:21:43

AQCMM or Delegate signature:

11/26/2019 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 N/A 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: 2019.12.02 04:22:31

AQCMM or Delegate signature:

11/27/2019 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 N/A 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:

Month/Ye	9.019	Sweepi	ing Area Sweep	ing Area (Check	- Oranta Cimatura		
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
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11.8.	9 200 9 1015					Paul .	
11-8-1	1					KUL KM	
11.12.10						Lap	
11.12.1				1	-	lull	

#### Sweeping Log

Sweeping Log

Month/Year: NCV 2019		Sweepi	ng <b>Ar</b> ea Sweep	ing Area (Checl	(if Swept)		
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
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Sweeping Log

Month/Year: <i>Nov 2019</i>		Sweeping Area Sweeping Area (Check if Swept)					
Date	Time	Onsite	Fern	Pacific	Dale	Operator Signature	Notes
11.26.19	1040 9-00 750 900				Derignation and the second design of the second des	1011	
11.26.19	200	-			<b>6</b>	Kail Kail	
11:27:19	750				Carlo average and a second sec	Maile	
11.27.19	900				♦ Manual Apparation States (Manual Apparation Appar	Main	
				s 			

·				Sweepin	g Log			
Month/Year ルクレ		Sweep	ing Area Sweep	ing Area (Check	if Swept)	Operator Signature	Notes	
Date	Time	Onsite	Fern	Pacific	Dale		Notes	
11-6-14	2:15	L	~	r		Shareh		
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# Attachment A2 Documentation of AQ-SC3 Compliance (SCE Site)

AQCMM or Delegate name: \_\_\_\_\_

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_\_

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

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ADDITIONAL NOTES:

"Due to technical problems, an e-signature could not be used. I hereby acknowledge that I authored these documents and my type-written name serves in place of my signature."

Robert Dixon

Robert Dixon AQCMM or Delegate name:

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_

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

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Date: \_\_\_\_

Response - - - - -... ... . .

AQCMM or Delegate signature: <u>Robert Dixon</u>

Robert Dixon

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?	У	
Are speed limit signs posted at the main entrances?	У	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	У	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	У	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	у	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	У	
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?	у	Exporting material today
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	У	
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> plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

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ADDITIONAL NOTES:

"Due to technical problems, an e-signature could not be used. I hereby acknowledge that I authored these documents and my type-written name serves in place of my signature."

AQCMM or Delegate name:

AQCMM or Delegate signature: <u>Robert Dixon</u>

Date: \_\_\_\_\_

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	У	
Are speed limit signs posted at the main entrances?	У	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	У	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	У	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	У	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	У	
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?	У	Exporting material today
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	У	
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> plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	n	

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ADDITIONAL NOTES:

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Robert Dixon

Robert Dixon AQCMM or Delegate name:

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_

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

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ADDITIONAL NOTES:

Robert Dixon AQCMM or Delegate name:

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_

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

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ADDITIONAL NOTES:

Robert Dixon AQCMM or Delegate name:

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	У	
Are speed limit signs posted at the main entrances?	У	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	У	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	n/a	
Are unpaved exits graveled or treated to prevent track-out?	n/a	
Are equipment and vehicles using designated onsite roads?	У	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	У	Sweeping on site as needed
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	n/a	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	У	
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?	n/a	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	У	
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:

Jason Crumb AQCMM or Delegate name: afor ound AQCMM or Delegate signature: 11/12/19 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? yes Are speed limit signs posted at the main entrances? yes Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station? ves Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road? yes Are unpaved exits graveled or treated to prevent track-out? yes Are equipment and vehicles using designated onsite roads? ves Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept yes as needed?\* Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place? yes Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with yes dust suppressant compounds? Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of yes freeboard prior to leaving the project site? Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used yes 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 no 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:

Jason Crumb AQCMM or Delegate name: ason crumb AQCMM or Delegate signature: 11/13/19 Date:

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

\* 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:

Jason Crumb AQCMM or Delegate name: Josen Cump AQCMM or Delegate signature: Date: 11/14/19 1

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?	yes	
Are speed limit signs posted at the main entrances?	yes	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	yes	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yes	
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of reeboard prior to leaving the project site?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	yes	
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> solume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form Form SERC-CAQ-003).	no	

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ADDITIONAL NOTES:

AQCMM or Delegate name:

Jason Crumb

11/15/19 Date:

: Japan and AQCMM or Delegate signature:

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

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ADDITIONAL NOTES:

AQCMM or Delegate name: Ignauo, Lamborn Th
AQCMM or Delegate signature:
Date:

Form: SERC-66KV\_CAQ-001 (subtransmission)

	Response	
Construction Fugitive Dust Control (AQ-SC3) Checklist Item		
Are all unpaved roads and disturbed areas watered as frequently as necessary?	yes.	If no, describe corrective action required and/or in progress
Are speed limit signs posted at the main entrances?	yes.	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	MCS -	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	wes-	
Are unpaved exits graveled or treated to prevent track-out?		
Are equipment and vehicles using designated onsite roads?	yes. W.S.	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Ves-	
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 dust suppressant compounds?	yes. ness.	
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?	nes.	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	ves.	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	NO.	
* The use of devices the state of the state		

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.

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AQCMM or Delegate name:	Iquaio Newlann Fr.
AQCMM or Delegate signature:	The
Date:[[15][1*[ .	

Form: SERC-66KV\_CAQ-001 (subtransmission)

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?	neg	
Are speed limit signs posted at the main entrances?	- mr /	
Are vehicle time in a second	745	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	1105	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	yes	
Are unpaved exits graveled or treated to prevent track-out?	0	
Are equipment and vehicles using designated onsite roads?	yes	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes	
	415	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	1109	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	ye5	
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?	yes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	wes.	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet	- 1	
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 durt	10	
plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	NO	
	1 1	

\* 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:

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AQCMM or Delegate name:	emocio Lambaren Ju
AQCMM or Delegate signature:	Flut
Date: 11 18 19	· // ·

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	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?	145	in the describe confective action required and/or in progress
Are speed limit signs posted at the main entrances?		
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	415	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?		
Are unpaved exits graveled or treated to prevent track-out?	yes_	
Are equipment and vehicles using designated onsite roads?	iver .	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	syes_	
	445	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	yes	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	0	
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?	yes nes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	0	
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet	yes	
beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of each	V	
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).	NO	
* The use of Jenset 1 h	•	

\* 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.

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AQCMM or Delegate name:	- Ignacion Lymbaren fe
AQCMM or Delegate signature	Iw
Date: 11 19 29	V
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Form: SERC-66KV\_CAQ-001 (subtransmission)

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response	
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Yels	If no, describe corrective action required and/or in progress
Are speed limit signs posted at the main entrances?		
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes	
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	Ner	
Are unpaved exits graveled or treated to prevent track-out?	Nes	
Are equipment and vehicles using designated onsite roads?	$  \mathbf{f}_{\cdot}  $	
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	Yes Nes	
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	1	
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	yer yes	
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?	ye/ nes	
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	1	
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 (2), with the former of the construction of linear facilities or (2).	yes	
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).	NO	
* The use of dry rotary brushes is expressly probibited excent where proceeded or economical the effective	L	

\* 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:

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AQCMM or Delegate name: <u>Iquorio</u> Lamboron Iu AQCMM or Delegate signature: <u>IMP</u> Date: \_\_\_\_\_\_\_

Form: SERC-66KV\_CAQ-001 (subtransmission)

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	Response
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?	au s
Are speed limit signs posted at the main entrances?	with
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	wes
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	nes
Are unpaved exits graveled or treated to prevent track-out?	244.5
Are equipment and vehicles using designated onsite roads?	nes
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yes
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	wes
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	
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?	1/1.5. Ne>
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	yes
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	NO

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ADDITIONAL NOTES:

Form: SERC-66KV\_CAQ-001 (subtransmission)

Construction Evolution Durt Control (80, CO2) of a UK and	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?	nes
Are speed limit signs posted at the main entrances?	yes
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	1405
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	nes
Are unpaved exits graveled or treated to prevent track-out?	cues (
Are equipment and vehicles using designated onsite roads?	NCS .
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	145
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	ries
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Nes
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?	wes
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	nes
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	NO

\* 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: <u>IQUALION LAMPARAN</u> IN AQCMM or Delegate signature: <u>II/M</u> Date: <u>11/25/19</u>.

Form: SERC-66KV\_CAQ-001 (subtransmission)

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?	yc7
Are speed limit signs posted at the main entrances?	Veg
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes.
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	ves
Are unpaved exits graveled or treated to prevent track-out?	yes
Are equipment and vehicles using designated onsite roads?	ves.
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	yee
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	ung .
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	Weg
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?	wes
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	uca .
Are dust plumes visible with the potential to be transported (1) off the project site, (2) 200 feet beyond the centerline of the construction of linear facilities, or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner? If yes, implement the dust plume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form (Form SERC-CAQ-003).	NO

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ADDITIONAL NOTES:

Form: SERC-66KV\_CAQ-001 (subtransmission)

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?	1K7
Are speed limit signs posted at the main entrances?	1 ylty
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	yes -
Are construction equipment vehicle tires inspected and washed as necessary bfore entering paved road?	yes
Are unpaved exits graveled or treated to prevent track-out?	ues
Are equipment and vehicles using designated onsite roads?	wer
Are onsite paved roads swept at least twice daily, and paved public roadways within 500 feet of exits swept as needed?*	uer .
Are Storm Water Pollution Prevention Plan (SWPPP) sandbags or other erosion control measures in place?	ver
Are all soil piles and disturbed areas that are inactive for longer than 10 days covered or treated with dust suppressant compounds?	wes -
Are trucks carrying bulk materials covered and/or sufficiently wetted and loaded to achieve at least 2 feet of reeboard prior to leaving the project site?	riet
Are wind erosion control techniques (such as windbreaks, water, chemical suppressants, etc. ) used on construction areas that may be disturbed?	yes .
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 egularly occupied structures not owned by the project owner? If yes, implement the dust blume response outlined in AQ-SC4 and complete the Visible Dust Plume Response Form Form SERC-CAQ-003).	NO

\* 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:

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# Appendix B1 Documentation of AQ-SC5 Compliance (SERC Site)

						Equi	pment					Engine								
Date_	<u>Date</u>	<u>CARB ID</u> <u>6 digit</u>	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	<u>Owner</u>	<u>Renter</u>	Manufacturer	Engine Family	Engine Model	Displacement	Model Year	Serial Number	Diesel	<u>Tier</u>	Engine Certification on File	Compliance Tag	<u>Notes</u>
<u>Arrived</u>	<u>Removed</u>	<u>(EIN)</u>														<u>(hp)</u>				
2/4/2019	Onsite	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	u-r-015-0283	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	NA	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	
2/20/2019	4/25/2019	UG9N98	SERC_005	CAT	Cat 966M wheel loader	2014	KJP000570	Ortiz	Ortiz	CAT	ECPYL09.3HTF	C9.3	9.3	2014	SYE01292	303	4F	u-r-001-0479	Green tag issued 02/27/2019	on EPA NRCI data
2/20/2019	5/20/2019	YS5A98	SERC_006	CAT	56S - 84" roller	2014	L8H00587	Ortiz	Ortiz	CAT	DPKXL04.4Ml1	C4.4	NA	2013	C7N11131	156.9	41	NA	Green tag issued 02/27/2019	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	
2/27/2019	5/6/2019	DL9A58	SERC_009	Link-Belt	490X4	2017	LBX490Q7NGHEX1139	Lalonde	Ortiz	Isuzu Motors Limited Perkins Engine	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	Company	EPKXL04.4MK1	C4.4	4.4	2014	C7N36796	127	4	u-r-022-0191	Green tag issued 02/27/2019	
2/27/2019	5/20/2019	JG9B74	SERC_011	John Deere	210L Skip Loader	2017	1T8210LXPHF894289	Ortiz	Ortiz	John Deere	HJDXL04.5315	404HT096	4.5	2017	PE4045U052929	93	4F	u-r-004-0537	Green tag issued 02/27/2019	
3/6/2019	3/19/2019	SF7A56	SERC_012	САТ	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	41	u-r-022-0176-1	Green Tag issued on 3/7/2019	
3/12/2019	3/18/2019	RG5N99	SERC_013	САТ	966K Wheel Loader	2011	TFS00270	Ortiz	Ortiz	CAT	BCPXL09.3HPA	C9.3	9.3	2011	MME03431	274	41	u-r-001-0409	Green Tag issued on 3/15/2019	will only be on site for a rew days
3/20/2019	3/25/2019	YJ4K66	SERC_014	JLG	Forklift - 54'	2014	160057617	Sunstate	ARB	Cummins	DCEXL04.5AAE	QSB\$.5	4.5	2014	73617640	130	41	u-r-002-0586	Green Tag issued on 3/22/2019	while SERC ID: SERC_012 is offsite for
3/21/2019	8/30/2019	KT3V94	SERC_015	Genie	Forklift - Varialbe Reach	2014	BR2596	United Rentals	Newtron	Deutz	EDZXL02.9020	TD2.9L4	2.9	2014	11731188	74	4	u-r-013-0472-1	Green Tag issued on 3/22/2019	
	Onsite									Perkins Engine										Formerly SERC_012 (was removedon
3/22/2019		SF7A56	SERC_016	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	41	u-r-022-0176-1	Green Tag issued on 3/22/2019	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	Onsite	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-В	85	4	u-r-004-0499	Green Tag issued on 4/30/2019	
5/8/2019	5/22/2019	WW5G33	SERC_021	Bobcat	T 590 Skid Steer	2017	ALJU23845	United Rentals	ARB	Doosan	HDICL02.4LEA	D24NAP	2.392	2017	D24NAP7105046LE	66	4	u-r-019-0145	Green Tag Issued 5/14/2019	
5/14/2019	5/20/2019	DF9E37	SERC_022	Case	721G Wheel Loader	2017	NGF240121	United Rentals	Ortiz	Fiat Power Train	GFPXL06.7SDB	F4HFE613TB	4.5/6.7	2016	1444310	145	4F	u-r-015-0322	Green Tag Issued 5/14/2019	
5/22/2019	9/23/2019	NG3U86	SERC_023	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	Onsite	WK9J63	SERC_024	Deere	210l Skip Loader	2016	1T8210ELLGJ893464	ARB	N/A	John Deere Power Systems	FJDXL04.5212	4045HT072	4.52	2016	PE4045R108158	70	4	ARB EO not available. Verified using EPA data.	Green tag issued 06/19/2019	
7/9/2019	8/7/2019	TF6J89	SERC_025	Extreme Manufacturing	XR2045 Forklift	2018	XR2045-11-17119380	Ellis	ARB	Deutz AG	HDZXL03.6050	TCD3.6L4	3.621	2017	12076911	134	4	u-r-013-0536	Green tag issued 7/16/2019	
7/22/2019	7/26/2019	TP8N95	SERC_026	Case	580 Super N Back Hoe	2014	JJGN58SNKEC705265	Tom's Back Hoe	ARB	FPT	EFPX L03.4ADD	F5HFL413C*A	3.4	2014	000189488	97	4	u-r-015-0259-1	Green Tag Issued 7/26/2019	Removed from on date green tag was issued.
8/7/2019	Onsite	VT6H48	SERC_027	Xtreme Manufacturing	XR2045 Forklift	2018	XR2045-11-18039329	Ellis	ARB	Deutz AG	HDZXL03.6060	TCD 3.6 L4	3.621	2017	12103041	134	4	u-r-013-0536	Green Tag Issued 8/13/2019	
8/14/2019	8/27/2019	RS6W99	SERC_28	Cummins	6K Reach Forklift	2014	10362305	United Rentals	Newtron	Cummins	ECEXL06.7AAH	QSB3.s	6.7	2014	68619362	129	41	u-r-002-0006-1	Blue Tag Issued 8/14/2019	Removed from Site 8/27/2019. Green tag not issued
8/27/2019	Onsite	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	Onsite	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	Onsite	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	2014	CAT00C71KMRP00571	Quinn Power	MSTS	Catapillar	DPKXL7.01BL1	C7.1	7.01	2014	E7B00723		4		Blue Tag Issued 9/13/2019	Removed from site 9/18/2019. Green
9/16/2019	10/25/2019	WP9E86	SERC_034	JLG	Generator 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	tag not issued
9/23/2019	Onsite	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	Onsite	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	SERC_037	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	Onsite	DA7T55		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	Onsite	XM8N56	SERC_039	JLG	Excavator 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	Onsite	JX4T34		САТ	259D	2019	FTL20141	Quinn Heavy Rents	ARB	Kubota	JKBXL03.3EKD	C3.3B	3.33	2018	8JQ3031	73	4	u-r-025-0786	Green Tag issued 11/21/2019	
,,,,,	2				Skid Steer loader															

#### SERC Offroad Diesel Equipment Inventory November 2019

						Equip	oment			Engine										
<u>Date</u> <u>Arrived</u>	<u>Date</u> <u>Removed</u>	<u>CARB ID</u> <u>6 digit</u> (EIN)	<u>SERC ID</u>	<u>Manufacturer</u>	Model/Description	Model Year	<u>Serial Number</u>	<u>Owner</u>	<u>Renter</u>	<u>Manufacturer</u>	Engine Family	Engine Model	<u>Displacement</u> (L)	Model Year	<u>Serial Number</u>	<u>Diesel</u> (hp)	<u>Tier</u>	Engine Certification on File	Compliance Tag	<u>Notes</u>
11/20/2019	Onsite	SX6J96	SERC_041	JLG	800AJ Boom Lift	2018	10790746	United Rentals	Newtron	Deutz	JDZXL02.9020	TD2.94L4	2.9	2018	12165591	67	4	u-r-013-0553	Green Tag issued 11/21/2019	
11/21/2019	Onsite	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	

#### SERC Offroad Diesel Equipment Inventory November 2019

AQCMM or Delegate name: Mike Malsy

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

Date: \_\_\_\_\_\_\_

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

ADDITIONAL NOTES:

AQCMM or Delegate name: \_\_\_\_\_\_Jon Kimble

AQCMM or Delegate signature: Jon Kimble

Date: November 4, 2019

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:

Large Excavator delivered today.

AQCMM or Delegate name: Mike Malsy

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

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: \_\_\_\_\_\_\_

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: \_\_\_\_\_\_

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?	Ť	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

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?	Ť	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: \_\_\_\_\_

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: \_\_\_\_\_11/12/2019

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: \_\_\_\_\_11/13/2019

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: 11/14/2019

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: \_\_\_\_\_\_

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: \_\_\_\_\_

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: \_\_\_\_\_\_

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: \_\_\_\_\_

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: \_\_\_\_\_11/21/2019

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: \_\_\_\_\_\_

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: \_\_\_\_\_\_

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: \_\_\_\_\_\_

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: \_\_\_\_\_11/27/2019

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:



December 1, 2019

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

Attn: Tim Bofman Project Compliance

RE: Maintenance and Inspection of Equipment

Dear Mr. Bofman:

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

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter
2/4/2019	onsite	VC6G63	SERC_001	Xtreme	XR1255 Forklift	2016	XR1255031693102	ARB	N/A
3/22/2019	onsite	SF7A56	SERC_016	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB
6/18/2019	Onsite	WK9J63	SERC_024	Deere	210l Skip Loader	2016	1T8210ELLGJ893464	ARB	N/A
8/7/2019	Onsite	VT6H48	SERC_027	Xtreme Manufacturing	reme XR2045 Earklift		XR2045-11- 18039329	Ellis	ARB
9/23/2019	Onsite	XG7V58	SERC_035	Grove	GRT880 Crane	2017	235778	ARB	ARB
10/8/2019	Onsite	NL7M56	SERC_036	JLG	600AJ Articulation Boom Lift	2014	10281594	Sunstate	ARB
10/25/2019	Onsite	SG9H76	SERC_037	JLG	860SJ 85' Boom Lift	2017	300233300	Sunstate	ARB
11/4/2019	Onsite	DA7T55	SERC_038	САТ	308E2 Excavator	2014	FXJ01664	ARB	ARB
11/4/2019	Onsite	XM8N56	SERC_039	JLG	Boom Lift	2016	300216443	SunState	ARB
11/19/2019	Onsite	JX4T34	SERC_040	CAT	259D Skid Steer loader	2019	FTL20141	Quinn Heavy Rents	ARB
11/21/2019	Onsite	JJ6V59	SERC_042	JLG Boom Lift	660SJ Boom Lift	2018	300246305	Sunstate	ARB



Respectfully,

1 55

Steven Fischer ARB, Inc. Project Manager



September 1, 2019

ARB, Inc. – Stanton Energy Reliability Center 26000 Commercentre Drive Lake Forest, Ca 92630

Attn: Nick Tasich ARB, Inc.

RE: Maintenance and Inspection of Equipment

Dear Mr. Tasich:

This letter confirms that Maxim performs daily inspections and required maintenance at the regularly scheduled intervals for the previous month for all on-site equipment. See below for Maxim equipment currently on-site.

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter
			Manitowoc					
8/31/2019	onsite	TX5P83	999	Crawler Crane	2002	9991103	Maxim	Maxim

Respectfully,

Charlie Giovanni Maxim Crane Project Manager



From: United Rentals, Inc.

To: ARB/Newtron LLC.

Subject: LETTER OF MAINTENANCE VERIFICATION

The intention of this letter is to verify that all preventative maintenance and/or service bulletins are current in accordance with the manufacturer's and ARB's / Newtron's recommendations during the month of November 2019.

This is for the equipment listed below at:

10711 DALE ST

**STANTON, CA. 90680** 

6		
DESCRIPTION	EIN NUMBER	SERIAL NUMBER
GENIE VARIABLE REACH FORKLIFT	JW5N58	10366180
JLG BOOM LIFT 60' ART	LR7P73	10755669
SKYTRAK VARIABLE REACH FORKLIFT	HN6U33	10478100
JCB 7K VARIABLE REACH FORKLIFT	RV7M68	10507929
JLG BOOM LIFT 80' ART	SX6J96	10790746

All info verified by: United Rentals, Inc. Sergio Gonzalez Territory Manager





# Appendix B2 Documentation of AQ-SC5 Compliance (SCE Site)

						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	Model Year	<u>Serial Number</u>	<u>Owner</u>	<u>Renter</u>	Manufacturer	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	Diesel (hp) <u>Tier</u>	Engine Certification on File	Compliance Tag	<u>Notes</u>
10/21/2019	11/15/2019	VD5L46	SERC_66KV_01	Bobcat	\$770	2017	AT5A12704	RJ ALLEN		Doosan	HDICL03.4LEA	D34P	3.4	2017	34P7031263LEL02	92 4F	u-r-019-0147-1	Green tag issued 10/22/2019	
10/21/2019	11/15/2019	UU6G94	SERC_66KV_02	Caterpillar	450F	2018	HJR00830	RJ ALLEN		Perkins Engine Company	EPKL04.4MK1	C4.4	4.4	2014	C7N38974	127 41	u-r-022-0191	Green tag issued 10/22/2019	
10/21/2019	11/15/2019	JX8N65	SERC_66KV_03	Bobcat	E32	2014	B2VV11390	RJ ALLEN		Doosan	EDICL01.8LEA	D18NAP	1.8	2014	D18NAP4001190E0	33 4F	u-r-019-0130	Green tag issued 10/22/2019	
10/21/2019	11/15/2019	MU4K93	SERC_66KV_04	Caterpillar	450	2019	0KJH00203	RJ ALLEN		Perkins Engine Company	KPKXL04.4MT1	C4.4	4.4	2019	W7N61238	134 4F	u-r-22-0218	Green tag issued 10/22/2019	
10/24/2019	10/28/2019	LP5P36	SERC_66KV_05	Lodril/John Deer	135G	2015	1FF135GXVEE400860	Howell Drilling	SCE	ISUZU	ESZXL03.0MXA	AM-4JJ1X	3	2014	1ZU4JJ1183849	103 41	u-r-006-0386	Yellow tag issued 10/25, vehicle removed 10/28	No longer in use.
10/25/2019	11/15/2019	EX9H48	SERC_66KV_05	SNORKEL	AB60J	2015	AB60J-04-000074	SUNBELT/KING	SCE	KUBOTA	CKBSL02.4HAD	V2403		2015	7FC9905	NA 4I	u-r-025-0664	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	JY8C64	SERC_66KV_06	SNORKEL	AB-85R	2014	AB85J-04-000024	SUNBELT/KING	SCE	DEUTZ	CDZXL03.6081	D2011L041	3.26L	2014	11340859	NA 4I	u-r-013-0487	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	YL6547	SERC_66KV_07	JLG	1732	2019	160095409	SUNBELT/KING	SCE	DEUTZ	KDZXL03	TCD3.6L4	3.6L	2019	12347466	NA 4F	u-r-013-0576/7/8/9	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	NW8R57	SERC_66KV_08	GEHL	RS5-19	2019	35329	SUNBELT/KING	SCE	YANMAR	JYDXL3.32NDA	4TNV98C-NGT	3.3L	2018	83043	59 4F	u-r-028-0828	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	GP3K57	SERC_66KV_09	SNORKEL	A46JRT	2014	A46JRT-04-000106	SUNBELT/KING	SCE	КИВОТА	EKBXL01.5BPD	V1505	1.5L	2014	KN2047	30 4F	u-r-025-0619	Green tag issued 11/12/2019	
10/25/2019	11/15/2019	NL4F64	SERC_66KV_10	SNORKEL	A46JRT	2014	A46JRT-04-000104	SUNBELT/KING	SCE	КИВОТА	EKBXL01.5BPD	V1505	1.5L	2014	1CN2791	30 41	u-r-025-0619	Green tag issued 11/12/2019	

#### SERC 66 KV Interconnection - Offroad Diesel Equipment Inventory November 2019 (Substation)

SERC Offroad Diesel Equipment Inventory November 2019 (Sub-transmission)

						Equipmer	nt					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</u> <u>Year</u>	Serial Number	<u>Owner</u>	<u>Renter</u>	<u>Manufacturer</u>	Engine Family	Engine Model	<u>Displacem</u> <u>ent (L)</u>	<u>Model</u> <u>Year</u>	<u>Serial Number</u>	<u>Diesel</u> (hp)	<u>Tier</u>	Engine Certification on File	Compliance Tag	<u>Notes</u>
11/12/2019	Onsite	TL8K73	SERC_66KV_11	CATERPILLAR	450 / BACKHOE	2019	KJH00159	ILB	N/A	Perkins	₽ JPKXL04.4MT1	C4.4	4.4	2019	W7N48759	142.1	T4F	u-r-022-0215	Green tag issued 11/21/2019	ILB UNIT# 6262S
Not arrived	Not arrived	TX7D55	SERC_66KV_12	WIRTGEN	W60 Ri / COLD MILLING MACHINE	2019	1505.1287	ILB	N/A	DEUTZ AG	JDZXL04.1056	TCD 4.1 L4	4.038	2018	12286820	141	T4F	u-r-013-0547	Green tag issued 11/21/2019	ILB UNIT# 6299S
Not arrived	Not arrived	PW4E96	SERC_66KV_13	DYNAPAC	F1200C / PAVING MACHINE	2016	10002122VHG002147	ILB	N/A	DEUTZ AG	GDZXL02.9020	TD2.9L4	2.925	2016	11963909	72	T4F	u-r-013-0506	Green tag issued 12/09/2019	ILB UNIT# 6194S
Not arrived	Not arrived	RN8K492	SERC_66KV_14	CATERPILLAR	CB34B / ROLLER	2017	XB400347	ILB	N/A	IHI Shibaura	GH3XL2.22NFV	C2.2	2.216	2017	ව NSD00968	48.8	T4F	u-r-026-0444	Green tag issued 11/21/2019	ILB UNIT# 6173S
12/5/2019	Onsite	CF7H64	SERC_66KV_15	CATERPILLAR	450F / BACKHOE	2017	HJR00724	ILB	N/A	CATERPILLAR	EPKXL04.4MK1	C4.4	4.4	2014	C7N38596	142	T4F	u-r-022-0191	Green tag issued 12/09/2019	ILB UNIT# 6185S

AQCMM or Delegate name: \_\_\_\_\_Robert Dixon

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_\_11-1-19

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?	У	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?	У	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: \_\_\_\_\_Robert Dixon

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_\_11-2-19

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

AQCMM or Delegate signature:

Robert Dixon

Date: \_\_\_\_\_

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

Robert Dixon

AQCMM or Delegate signature: \_\_\_\_

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?	У	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?	У	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: \_\_\_\_\_Robert Dixon

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_\_11-6-19

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?	У	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?	V	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?	11	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: \_\_\_\_\_Robert Dixon

AQCMM or Delegate signature: Robert Dixon

Date: 11-7-19

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?	У	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?	V	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: \_\_\_\_\_Robert Dixon

AQCMM or Delegate signature: Robert Dixon

Date: \_\_\_\_\_

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

Jason crumb AQCMM or Delegate name: cump AQCMM or Delegate signature: a 11/12/19 Date:

Response Diesel-Fueled Engine Control Checklist Item (AQ-SC5) (yes/no) Action Has any off-road diesel equipment been delivered to the site today? If yes, the onsite Delegate shall: no 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? If yes, the onsite Delegate shall: no 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? If no, the onsite Delegate shall: yes 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? If no, the onsite Delegate shall notify the equipment owner and/or operator of the yes requirement to limit idling to the extent practical. Are off-road engine fluid leaks visible? If yes, the onsite Delegate shall notify equipment owner immediately about the need for no maintenance.

ADDITIONAL NOTES:

Jason Crumb AQCMM or Delegate name: AQCMM or Delegate signature: ran 2100 Date: 11/13/19

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

ADDITIONAL NOTES:

Jason Crumb AQCMM or Delegate name: bfon cumt AQCMM or Delegate signature: Date: 11/14/19

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Jason Crumb AQCMM or Delegate signature: Jagan Cruft Date: 11/15/19

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

ADDITIONAL NOTES:

AQCMM or Delegate name: <u>Iquouio</u> Lamboron Jn AQCMM or Delegate signature: <u>Ihm</u> Date: <u>11/14/19</u>

Form: SERC-66KV\_CAQ-003 (subtransmission)

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	410	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?	NO	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?	169	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?	V	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?	NO	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance

ADDITIONAL NOTES:

AQCMM or Dele	egate name:	Iqueiup	Lamberen	Ju
AQCMM or Dele	gate signature:	Ju	45	4
Date:	15 19	V	•	

Form: SERC-66KV\_CAQ-003 (subtransmission)

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Diesei-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	NO	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?	NO	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?	Mes	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?		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?	1.10	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delega	ate name:	Tayloria	Lawbaren Ju
AQCMM or Delega	te signature:	_ Tips	de-
Date:		V	

Form: SERC-66KV\_CAQ-003 (subtransmission)

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Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	NO	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?	40	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?	111.5	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?	U	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?	NO	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

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AQCMM or Delegate name:	Iguaio	Lambaren
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Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	· ·
Has any off-road diesel equipment been delivered to the site today?	NO	Action If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
las any off-road diesel equipment been removed from the site today?	NO	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.
re AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	yes	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?	nes	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
re off-road engine fluid leaks visible?	NO	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

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

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າຍັດແຫຼຍອາຍຸດອາການເຮັດເປັນເຫຼົ່າມີເຫຼົ່າມີເຫຼົ່າມີເຫຼົ່າມີເຫຼົ່າມີເຫຼົ່າມີເຫຼົ່າມີເຫຼົ່າມີເຫຼົ່າມີເຫຼົ່າມີເຫຼົ່

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?		If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
Has any off-road diesel equipment been removed from the site today?		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?	nes	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?	425	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?	NO	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

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AQCMM or Delegate name: <u>Iquació boundoron</u> AQCMM or Delegate signature: <u>Iquació</u> Date: <u>11/25/19</u>

Form: SERC-66KV\_CAQ-003 (subtransmission)

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?	NO	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?	NO	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?	1105-	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?	V	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?	NO	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

Ignacio famboren Tv AQCMM or Delegate name: 

Form: SERC-66KV\_CAQ-003 (subtransmission)

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	Response (yes/no)	Action
Has any off-road diesel equipment been delivered to the site today?		If yes, the onsite Delegate shall: 1.) Contact the equipment owner and request the required equipment/engine data, 2.) Update the Off-Road Diesel Equipment Inventory and submit it to the AQCMM and 3.) Attach equipment verification tag to equipment.
as any off-road diesel equipment been removed from the site today?	NO	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.
re AQCMM equipment tags visible for diesel off-road engines greater than 50 hp operating onsite?	Nec	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?	V	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?	NO	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

P.O. Box 3039 Riverside, CA 92519-3039

Phone: 951.682.2982 Fax: 951.788.0686

www.ilbinc.com CA CCB# 782515

December 4, 2019

**INTERNATIONAL** 

LINE BUILDERS INC

W Power, LLC- Stanton Energy Reliability Center 10670 Dale Avenue Stanton, CA 90680.

Attn: Dustin Swenson Project Compliance

Re: Maintenance and Inspection of Equipment

Dear Mr. Swenson,

This letter confirms that ILB performs daily inspections and required maintenance at the regularly scheduled intervals, as required by each manufacturer for all on-site equipment below.

Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	<u>Owner</u>	Renter
11/14/2019	Onsite	TL8K73		CATERPILLAR	450 / BACKHOE	2019	КЈН00159	ILB	N/A
Future Date	Future Date	TX7D55		WIRTGEN	W60 Ri / COLD MILLING MACHINE	2019	1505.1287	ILB	N/A
Future Date	Future Date	PW4E96		DYNAPAC	F1200C / PAVING MACHINE	2016	10002122VHG002147	ILB	N/A
Future Date	Future Date	RN8K49		CATERPILLAR	CB34B / ROLLER	2017	XB400347	ILB	N/A
12/5/2019	Onsite	CF7H64		CATERPILLAR	450F / BACKHOE	2017	HJR00724	ILB	N/A

Respectfully,

Sal Guzman, Jr. Div. Manager/Fleet Manager International Line Builders, Inc. Southern California Division. 2520 Rubidoux Blvd, Riverside, CA 92509 Cell (951)202-6163 | E-Mail Sal.Guzman@ilbinc.com | www.ilbinc.com 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 November 2019
То:	Tim Bofman, SERC, LLC
From:	Ava Edens, Jacobs SERC CEC Designated Biologist
Date:	December 6, 2019
Copies:	Sharon Stureman, SERC, LLC Doug Davy, Jacobs Karen Parker, Jacobs

# 1. Introduction

This November 2019 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from November 1 through November 30, 2019 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 November 2019 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 November 2019 reporting period biological monitoring was conducted on the SERC site weekly. Daily Biological Resources Compliance Monitoring Logs are provided in Appendix A. A list of wildlife species observed during the monitoring events are included in Appendix B.



# 2.1 Activities Monitored

SERC construction activities were monitored weekly from November 1 through November 30, 2019. Locations monitored included the SERC site (western and eastern parcels), Bethel Romanian Pentecostal Apostolic Church parking lot (located at 10801 Dale Avenue, Stanton), Southern California Edison Laydown Yards (western and eastern), St. John the Baptist Greek Orthodox Church SoCal Gas Laydown Yard, Natural Gas Pipeline (along Dale Avenue from La Palma to West Orange Avenue), and SCE Gen-Tie Line activities at Barre Substation (located at 8662 Cerritos Avenue, Anaheim).

Construction activities at the SERC site included ongoing pipe fabrication and above-ground infrastructure work. Construction on the natural gas pipeline started on August 19, 2019. Pipeline construction activities included asphalt cutting/grinding and removal, installation and welding of steel plates, trench excavation and shoring, potholing, and use of the laydown yard at St. John the Baptist Greek Orthodox Church. Gen-tie line activities began on the SCE Barre Substation on October 21, 2019 and included excavation and pipe installation.

# 2.2 Nesting Birds

No protected active nests were observed during the November 2019 reporting period. Bird species observed during biological monitoring are included in Appendix B.

# 2.3 Special-Status Species

No special status species were observed in the project vicinity or on the project site during November 2019. A list of wildlife species observed during monitoring is included in Appendix B.

# 2.4 Wildlife Injuries and Mortalities

No injured or dead wildlife species were observed within the SERC project locations during the November 2019 reporting period.

# 2.5 Hazardous Material Spills

No hazardous material spills occurred at the project site during the November 2019 reporting period.

# 2.6 Non-Compliance Report

No formal non-compliance notifications or incident reports were issued during the November 2019 reporting period.



# 3. WEAP Training

All on-site staff received WEAP training prior to starting work on site. A total of 57 persons completed the SERC WEAP training in November 2019. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix C.

Appendix A Biological Resources Compliance Monitoring Logs

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

Date				Time (Begin-End)		
11/4/2019	11/4/2019 Will Molland-Simms				0615-1500	
Temperature (°F)	Win	d (mph)	Precipitation amount	Visibility	We	eather Comment
54 @0630	0630 0-5		0.0	Unlimited	Cle	ear, light winds

## Location(s) of Work Site Activities Monitored

Work occurred today exclusively at the Barre substation.

0615- Biologist Will Molland-Simms arrived at Barre substation and met with SCE foremen, Jason Crumb and Robert Dixon. Mr. Crumb advised that four new crew members needed training today.

0630- Mr. Molland-Simms performed a pre-construction survey of the work area prior to the onset of construction activities. No special-status species or compliance concerns were observed, and the crew was advised they were clear to proceed from the biological perspective. All excavations more than a foot deep were either covered, had wooden ramps leading from the excavations, or contained dirt berms allowing for potentially trapped wildlife to exit the trench.

0645- Mr. Crumb conducted a tailboard going over the work plan for the day and relevant safety concerns. He, along with Mr. Dixon, advised the crew would be continue excavating in multiple spots within the substation as well as pouring cement in excavations that were completed. He advised that cement trucks would be making multiple trips throughout the day. Mr. Dixon was reminded that all new excavations should be ramped or covered. Mr. Crumb advised that crews would be working on electrical systems throughout the substation today. Two additional crew members, SWPPP inspectors, came forward and advised they needed WEAP training.

0700- A WEAP training was carried out for the six new crew members to the site.

0705- The crew began work for the day. At the main excavation site, an excavator was utilized to extract soil from the existing trench. The soil was placed outside of the work area before being removed from the site with a bobcat. Once the area was cleared, the crew worked on installing conduit and other piping in the trench. The crew worked in this manner throughout the day. Other SCE crews framed and otherwise worked with the electrical structures throughout the site.

0745- Designated Biologist, Ava Edens, was contacted and advised that only 8 WEAP stickers remained on-site. She advised that she would obtain more stickers and bring them to the site tomorrow, 11/5.

0930- The first cement truck arrived on-site, and cement was poured into the excavations. Cement trucks came to the site for the duration of the morning.

1100- The crews broke for lunch.

1200- The crew continued working on excavations and installing conduit.

1330- Project Manager, Travis Tolliver, contacted Mr. Molland-Simms and requested to know if the crew would be working next Monday, November 11<sup>th</sup>, due to the Veterans Day holiday. Mr. Molland-Simms asked SCE foreman, Jason Crumb, and he advised the crews would not be working on Monday in honor of the holiday.

1455- The crew finished work for the day and began to pack up. Exit ramps were verified in the excavations and no compliance concerns were observed.

1500- Mr. Molland-Simms left the site for the day.

#### Special-Status Species Observed: None

Nesting Bird Observations: None

Other Biological Resources Observations: Significant bird activity observed in substation. Likely utilized heavily in spring for nesting.

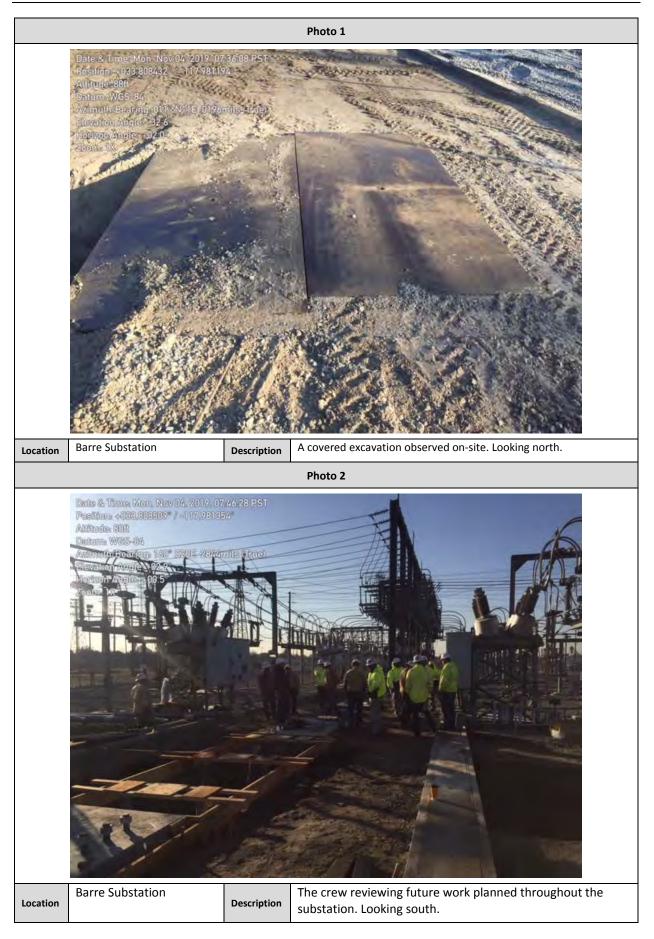
Other Observations/Comments: None

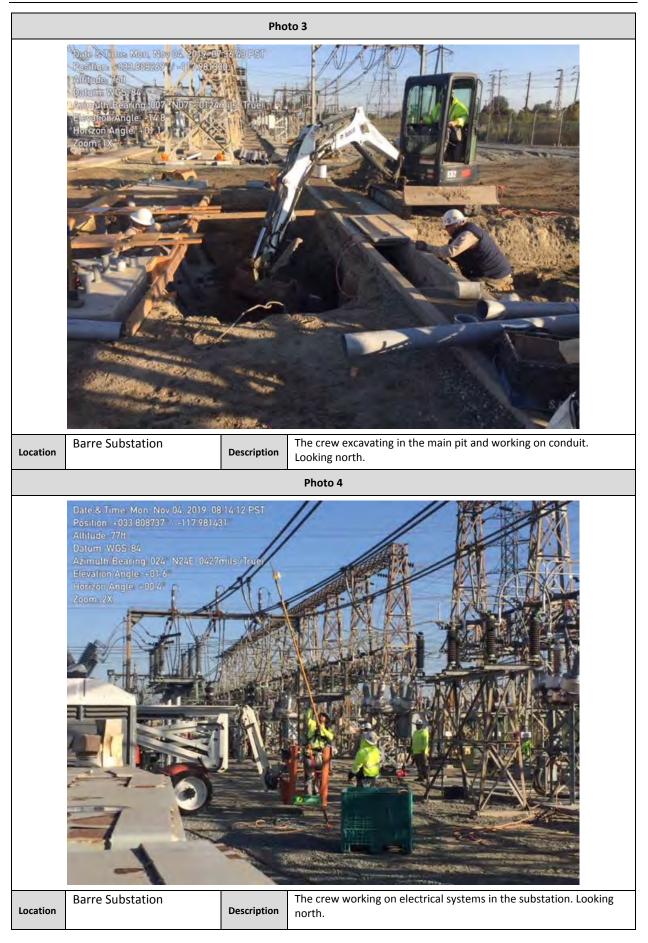
Items Requiring Action/Follow-up

None

Wildlife Species Observed:

Red-tailed hawk, Eurasian collared dove, Black phoebe, house finch, western kingbird, Anna's (?) hummingbird, common raven, American crow, house sparrow, mourning dove, rock pigeon, northern mockingbird.







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

Date					Time (Begin-End)		
	November 5, 2	019		Ava Edens (DB)			1230-1545
	Temperature (°F)	Win	d (mph)	Precipitation amount	Visibility	We	eather Comment
	76 – 77	0	) - 5	0 in	Good	CI	ear and sunny

# Location(s) of Work Site Activities Monitored

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.

## SERC Site:

**Western Parcel** – Activities included dust suppression, pipe fabrication, above-ground infrastructure work, staff offices and parking, a shaded lunch area, restrooms/hand washing stations, and receiving and movement of equipment/materials.

**Eastern Parcel** – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.

**Bethel Church Parking Lot** (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.

Western Laydown – Activities included parking and storage of equipment/materials.

**Eastern Laydown** – Activities include equipment storage, including electrical, and restrooms/hand washing stations and shaded rest/lunch areas surveyed.

## SoCal Gas Sites:

Greek Orthodox Church Laydown - Equipment storage and office trailers.

**Dale Avenue Natural Gas Pipeline** – Monitored active sections, from West Savoy Place (north) to West Ravenswood Drive (south). Activities included trenching, pipe installation, and saw cutting concrete.

# SCE:

Gen-Tie Line - Monitored excavation and construction on gen-tie line at Barre Substation.

## Summary of Biological Resources Monitoring Observations

Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.

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

None

Nesting Bird Observations:

- None
- **Other Biological Resources Observations:** 
  - None

## **Other Observations/Comments:**

• Six stray cats observed at the end of the day near the SERC entrance off Fern Ave. Cat food is being left out side of the project area, along the sidewalk. It is unknown who is feeding the cats.

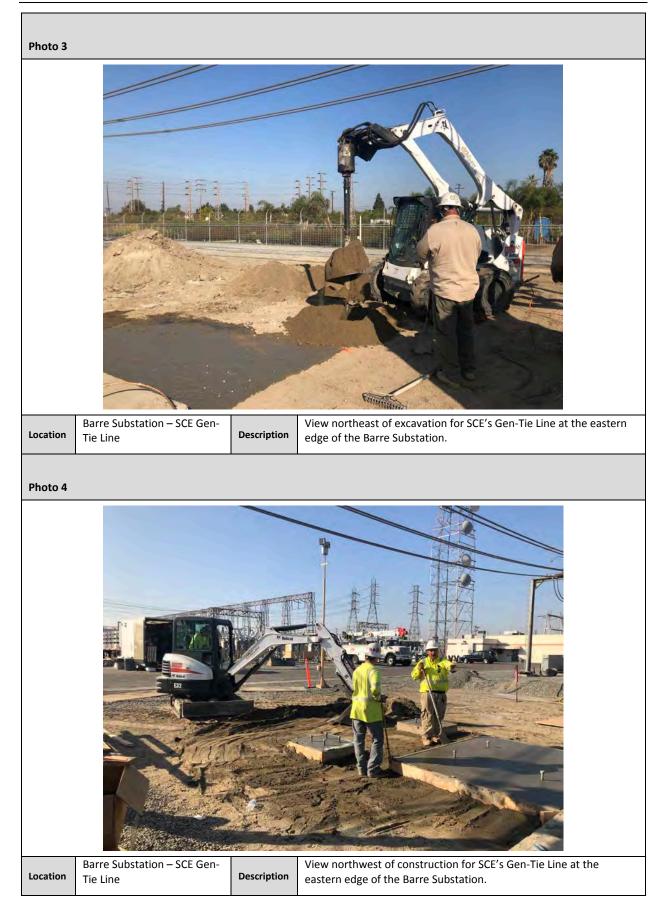
#### Items Requiring Action/Follow-up

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

## Wildlife Species Observed:

Morning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), American crow (*Corvus brachyrhynchos*), American Kestrel (*Falco sparverius*), northern mockingbird (*Mimus polyglottos*), and house finch (*Haemorhous mexicanus*).







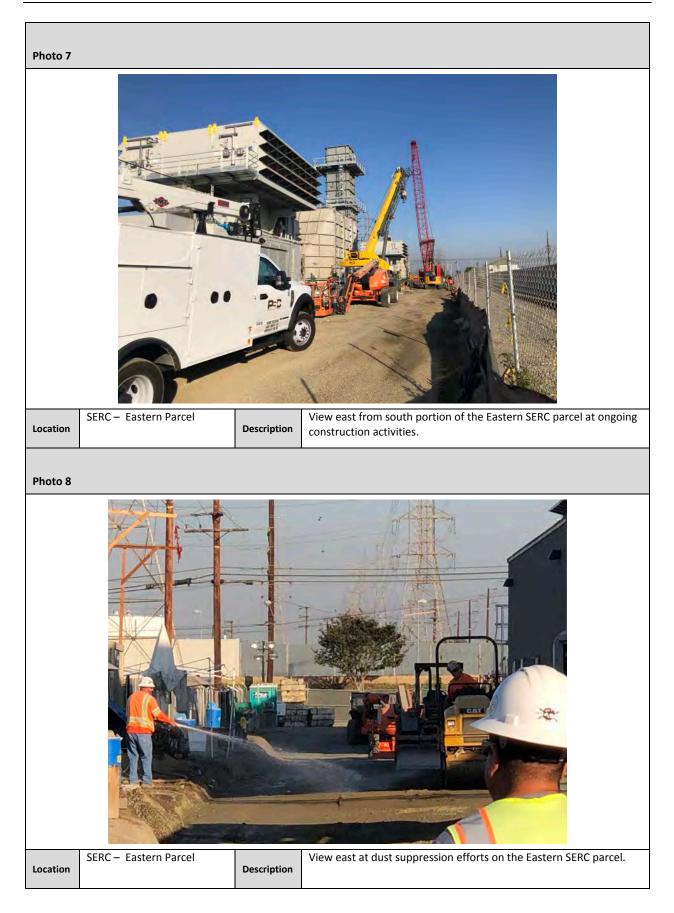
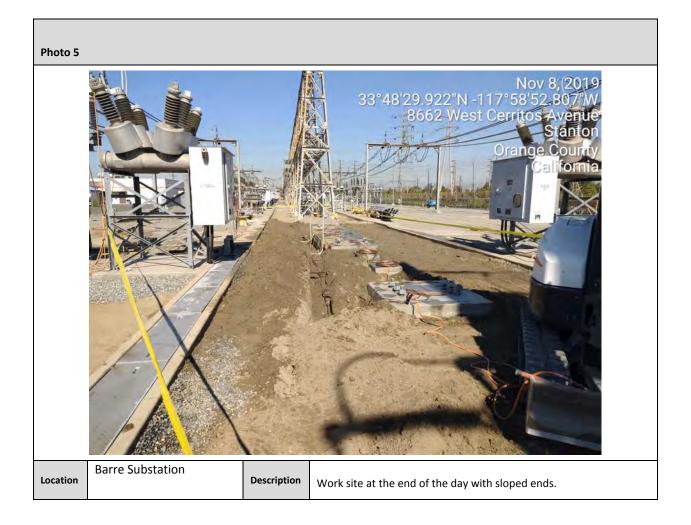


Photo 9			
			<image/>
Location	SERC – Western Parcel	Description	View southwest of break/lunch area at the end of the work day. Trash is covered and no food trash was observed.
Photo 10			
Location	SERC – Western Parcel	Description	View north-northwest of SERC entrance off Fern Avenue at the end of the workday. Stray cats observed in the area and are being fed by public off-site.

Stanton Energy Reliability Center (SERC)									
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG									
Date Monitor Time (Begin-End)									
11/8/19			V	Villiam Roberts		0630-1230			
Temperature (°F)	Wind	l (mph)	Precipitation amount	Visibility	We	eather Comment			
57-84	C	alm	n/a	Clear					
Location(s) of Wor	k Site Ac	tivities Mo	nitored						
Location(s) of Work Site Activities Monitored         Barre Substation         0630 Biologist arrived on-site and met with foreman Bob Dixon. He told the biologist that underground work was expected to be finished in the substation today after ground cables were attached and the trenches backfilled.         0645 A tailboard was held with Bob Dixon and Jason Crumb discussing the plan for the day. Work in the trenches would continue near the racks along with above ground electrical work throughout the substation. The biologist advised crews to ramp open trenches at the end of the day.         0700 Work began with a mini-ex trenching a small area near the recently poured concrete. Electrical work commenced to the north of the excavations.         1130 All ground cables were connected and a mini-ex began backfilling the trenches.         1200 Work began to wrap up because the electrician spotter for the digging crew left for the day. The trenches were backfilled except for an approximately 15 ft long section that will need to be finished on Tuesday. The trench was about a foot deep and very gently sloped on all sides.         1230 The site was checked by the biologist and no compliance concerns were observed. The biologist left the site.									
Summary of Biolog	gical Reso	ources Mor	nitoring Observatio	ns					
Special-Status Sp Nesting Bird Obs			none						
Other Biological			vations: none						
Other Observation	ons/Cor	nments: 1	The trench on site	e had been sloped	to allow animals to es	cape.			
Items Requiring Ac	tion/Fol	low-up							
• N/A									
Wildlife Species Of	oserved:								
common Raven, mourning dove, I				sian collared dove,	black phoebe, house f	inch, western kingbird,			







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

Date				Monitor	Time (Begin-End)	
November 12, 2	November 12, 2019 Ava Edens (DB)				1000-1300	
Temperature (°F)	Win	d (mph)	Precipitation amount	Visibility	We	eather Comment
67 - 68	68 0 - 5		0 in	Good	Clear and sunny	

## Location(s) of Work Site Activities Monitored

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.

## SERC Site:

**Western Parcel** – Activities included dust suppression, pipe fabrication, above-ground infrastructure work, staff offices and parking, a shaded lunch area, restrooms/hand washing stations, and receiving and movement of equipment/materials.

**Eastern Parcel** – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.

Western Laydown – Activities include equipment storage, including electrical, and restrooms/hand washing stations and shaded rest/lunch areas surveyed.

Eastern Laydown – Activities included parking and storage of equipment/materials.

**Bethel Church Parking Lot** (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.

## SoCal Gas Sites:

Greek Orthodox Church Laydown - Equipment storage and office trailers.

**Dale Avenue Natural Gas Pipeline** – Monitored active sections, from West Savoy Place (north) to West Ravenswood Drive (south). Activities included trenching, pipe installation, and saw cutting concrete.

SCE:

Gen-Tie Line – Monitored construction on gen-tie line at Barre Substation.

## Summary of Biological Resources Monitoring Observations

Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.

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

- None
- Nesting Bird Observations:
  - None
- **Other Biological Resources Observations:** 
  - None

Other Observations/Comments:

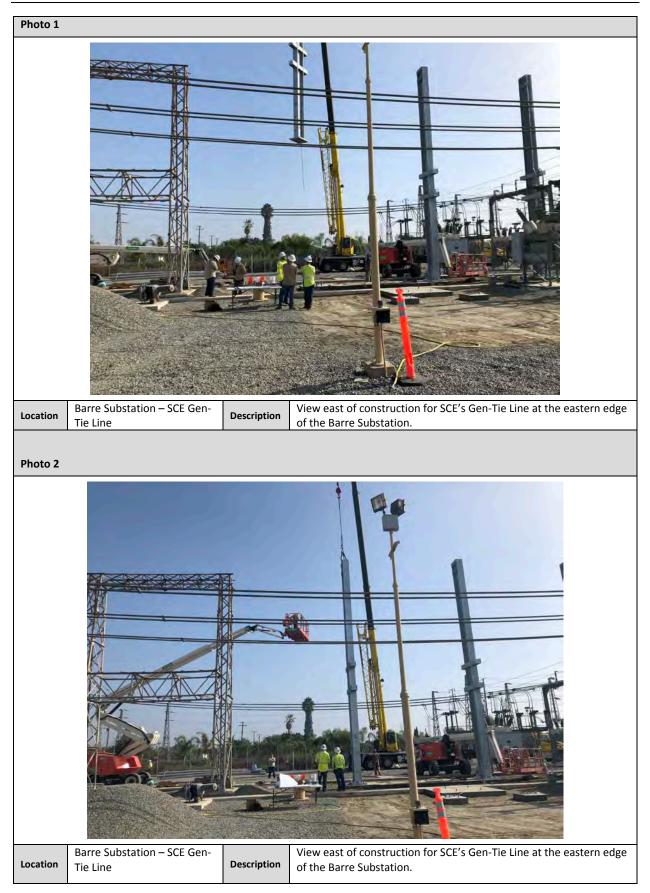
None

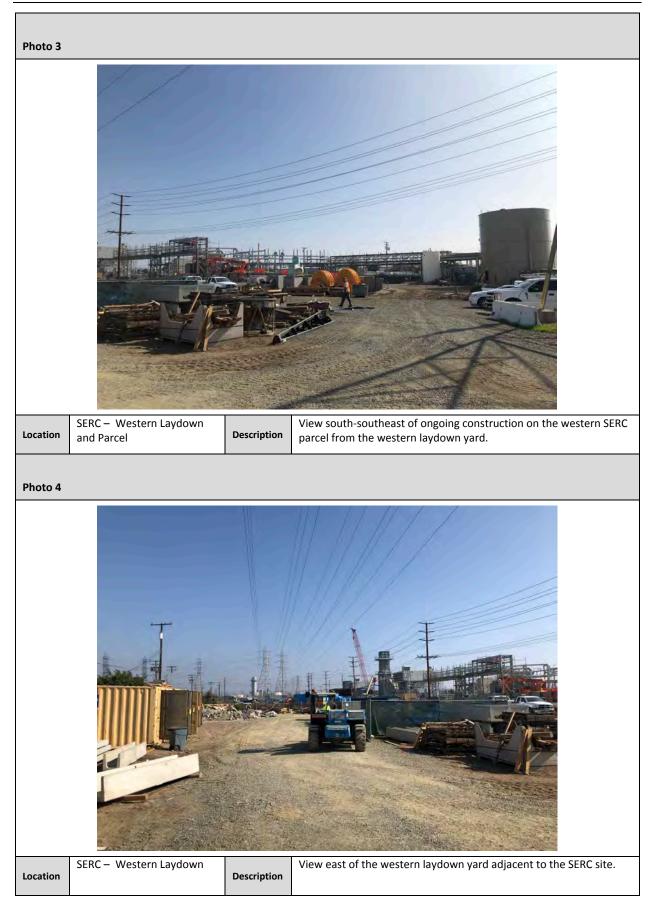
## Items Requiring Action/Follow-up

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

#### Wildlife Species Observed:

Morning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), American crow (*Corvus brachyrhynchos*), northern mockingbird (*Mimus polyglottos*), and house finch (*Haemorhous mexicanus*).





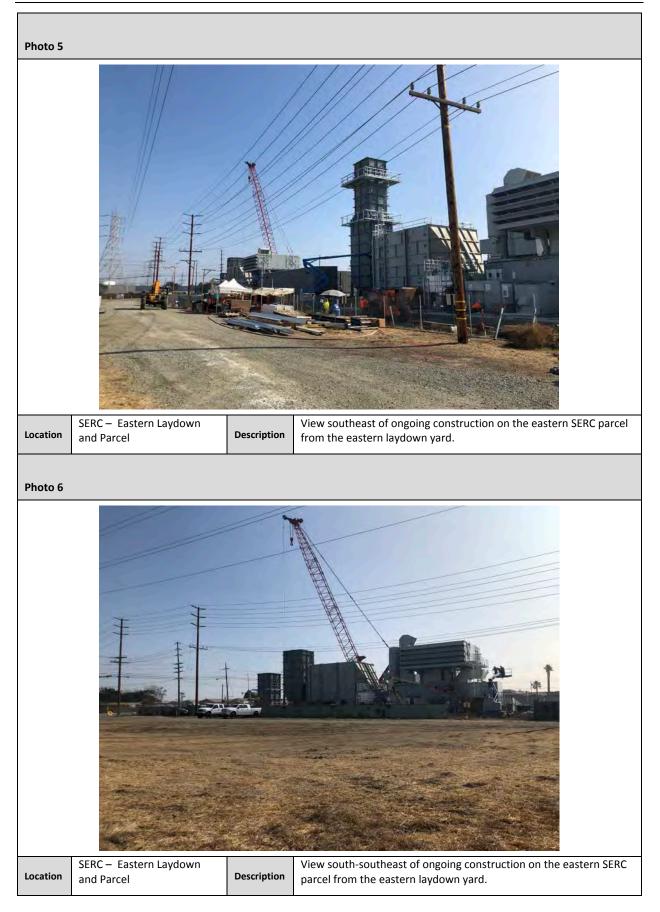
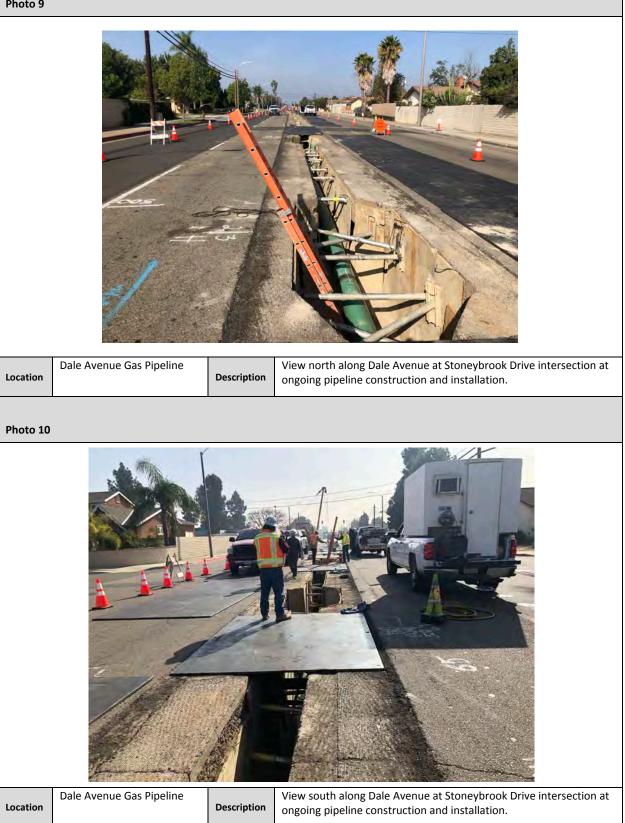


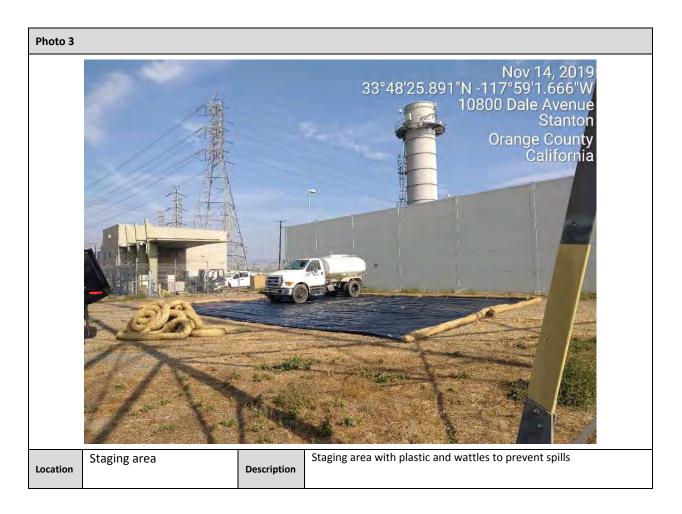
Photo 7			
Location	SERC – Western Parcel	Description	View west of the parking and trailers on the Western SERC parcel.
Photo 8			
	Greek Orthodox Church		View south of the Greek Orthodox Church Laydown Yard being used

#### Photo 9



Stanton Energy Reliability Center (SERC)									
			LOGICAL RESC						
Date	Date Monitor Time (Begin-End)								
11/14/19		v	Villiam Roberts		0630-1320				
Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	We	ather Comment				
57-71	Calm	n/a	Cloudy then clear						
Location(s) of Wor	k Site Activities M	onitored							
<ul> <li>Barre Substation</li> <li>0630 Biologist arrived on-site and set up for a WEAP presentation.</li> <li>0700 8 employees of International Line Builders (ILB) were trained and received their WEAP stickers</li> <li>0900 2 employees of SCE were trained and received their WEAP stickers</li> <li>1000 A job walk occurred along the proposed trenching line with the 2 SCE employees and 5 of the ILB employees including superintendent Ignacio Lambara and the foreman on site, Gregory Tellez. Plans to avoid underground utilities along with the location of the staging area were discussed. An area just north of the railroad tracks, off of Dale st was chosen for its convenience but also the presence of security cameras.</li> <li>1100 The ILB foreman along with 3 workers laid down plastic and put wattles around the edges to create an area that will contain spills, for storing equipment. Other equipment such as a backhoe, generator, and traffic signs were dropped off at the site.</li> <li>1320 Work was complete for the date and the site was checked by the biologist. No compliance concerns were observed. The biologist left the site.</li> </ul>									
Summary of Biological Resources Monitoring Observations Special-Status Species Observed: none Nesting Bird Observations: none Other Biological Resources Observations: none									
Other Observations/Comments: The trench on site had been sloped to allow animals to escape.									
• N/A	uon/ronow-up								
Wildlife Species O	bserved:								
common Raven, American crow, rock pigeon, Eurasian collared dove, black phoebe, red-tailed hawk, house finch, western kingbird, mourning dove									





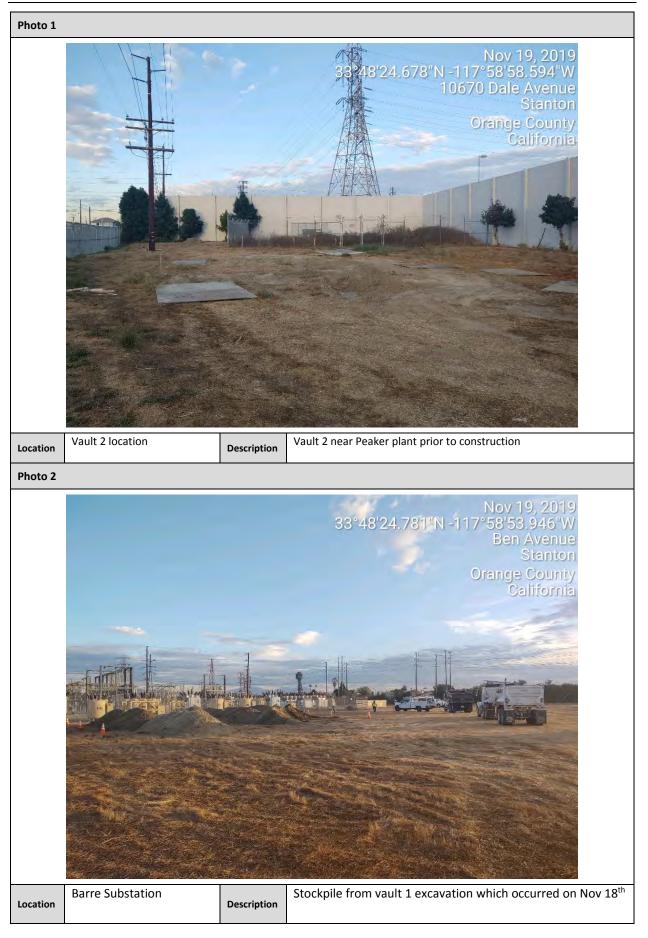
Stanton Energy Reliability Center (SERC)									
BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG									
Date Monitor Time (Begin-End)									
11/15/19			V	Villiam Roberts		0630-1530			
Temperature (°F)	Wind (r	mph)	Precipitation amount	Visibility	We	eather Comment			
57-69	Calr	m	n/a	Cloudy then clear					
Location(s) of Wor	k Site Activ	vities Mo	nitored						
<ul> <li>Barre Substation</li> <li>0630 Biologist arrived on-site and met with Gregory Tellez and his crew for a tailboard. Gregory outlined the plan for the day which was to pothole in 4 locations including both vaults. He also emphasized to his crew the need to ramp or cover any trenches.</li> <li>0700 3 ILB workers began potholing with a backhoe at vault location #2 (closer to Peaker) while two others began potholing with hand tools alongside the Barre substation, next to the nursery. At the same time, Sunmin Choi, an employee of Paleo solutions, received WEAP training.</li> <li>1000 The backhoe was temporarily finished at vault location #2 and it moved to vault location #1 (closer to Barre). Workers with hand tools finished working alongside the fence, backfilled the holes they dug, and moved to vault location #2.</li> <li>1330 With the other work complete the crew moved back to vault #2 to finish one more pothole. The pothole at vault location #1 was backfilled upon completion. Due to the crew finding copper wiring in a location near vault #2 extra potholes were needed which were dug with the backhoe.</li> <li>1515 Potholing was finished and all the holes except one were backfilled. The one not backfilled was covered with plywood.</li> <li>1530 Work was complete for the date and the site was checked by the biologist. No compliance concerns were observed.</li> </ul>									
The biologist left			iteria Oleanaia						
Summary of Biolog	ical Kesoul	rces wor	intoring Observatio	115					
Special-Status Sp	ecies Obs	served:	none						
Nesting Bird Obs	ervations	s: none							
Other Biological	Resource	s Observ	vations: none						
Other Observation	ons/Comn	ments: T	he trench on site	e had been sloped	to allow animals to es	cape.			
Items Requiring Ac	tion/Follov	w-up							
• N/A									
Wildlife Species Ob	oserved:								
common Raven, kingbird, mourniı				sian collared dove,	black phoebe, red-tail	ed hawk, house finch, western			

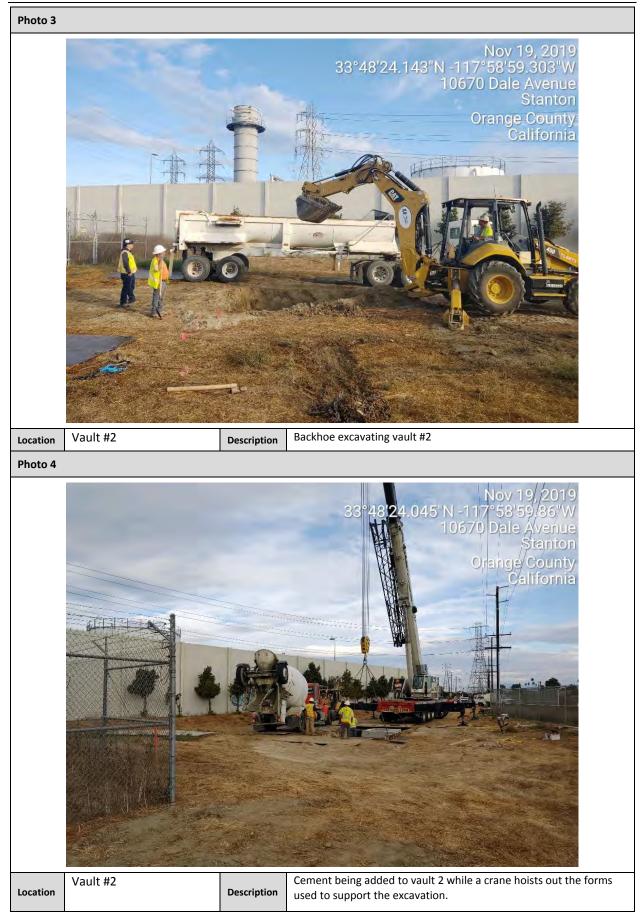


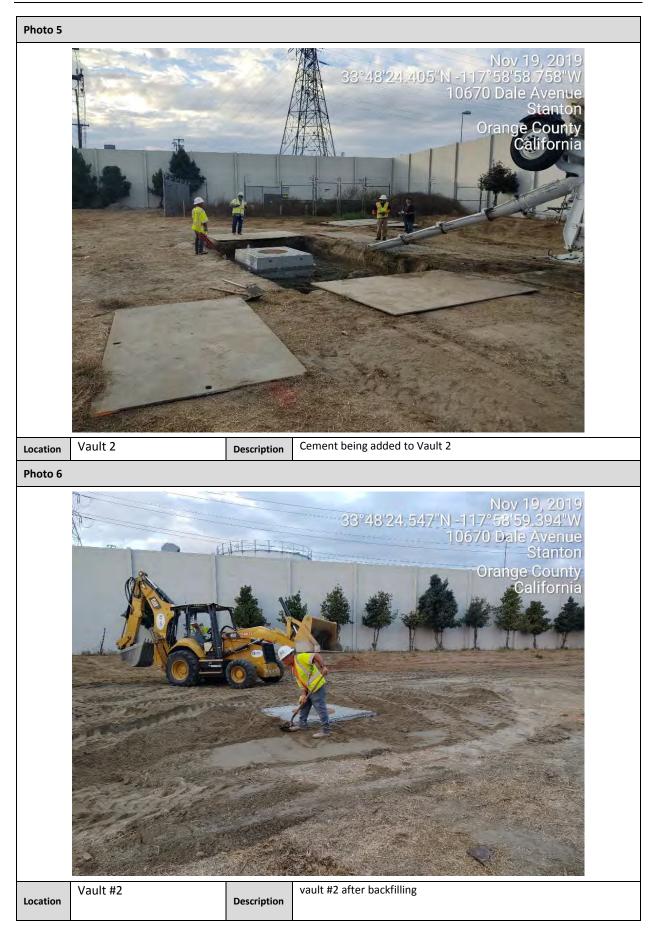




Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG									
Date Monitor Time (Begin-End)									
11/19/19			۷	Villiam Roberts		0630-1700			
Temperature (°F)	Win	d (mph)	Precipitation amount	Visibility	We	eather Comment			
60-74	C	alm	n/a	Partly cloudy					
Location(s) of Wor	k Site Ad	tivities Mo	nitored						
#2. 0700 Work began excavation. A wa 0800 A backhoe I the east. The du 0845 WEAP train 1000 WEAP train 1200 The excavat 1300 The vault w 1615 The cement truck, backfilled t	0645 A tailboard was held during which ILB foreman Gregory Tellez went over the plan for the day which was to install vault								
Summary of Biolog	ical Res	ources Mor	nitoring Observatio	ns					
Summary of Biological Resources Monitoring Observations         Special-Status Species Observed: none         Nesting Bird Observations: none         Other Biological Resources Observations: none         Other Observations/Comments: One open trench was covered with plywood.         Items Requiring Action/Follow-up									
• N/A									
Wildlife Species Ob	oserved:								
common Raven, kingbird, mournii				sian collared dove,	Say's phoebe, red-tail	ed hawk, house finch, western			



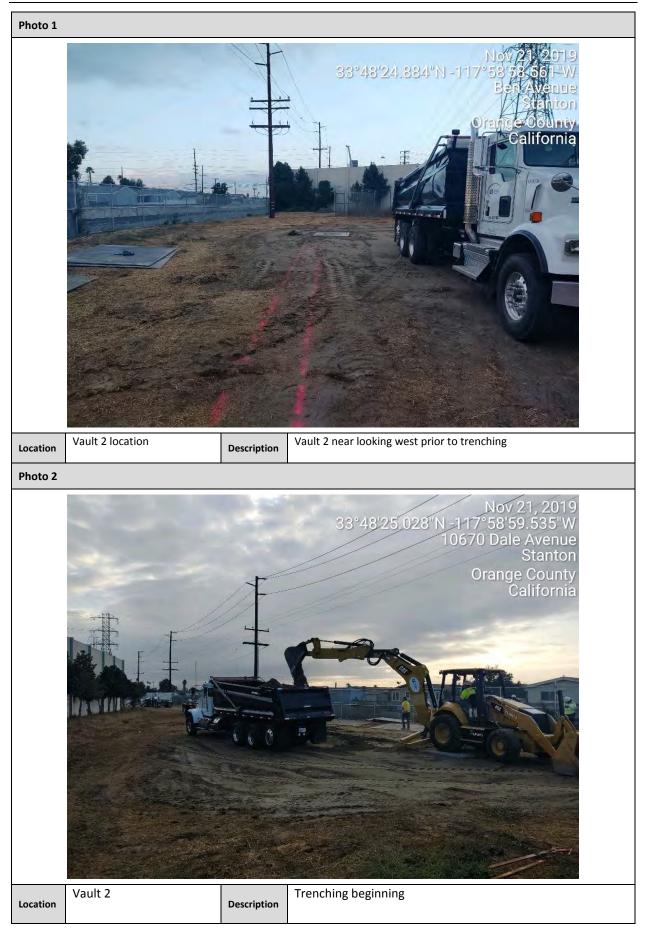


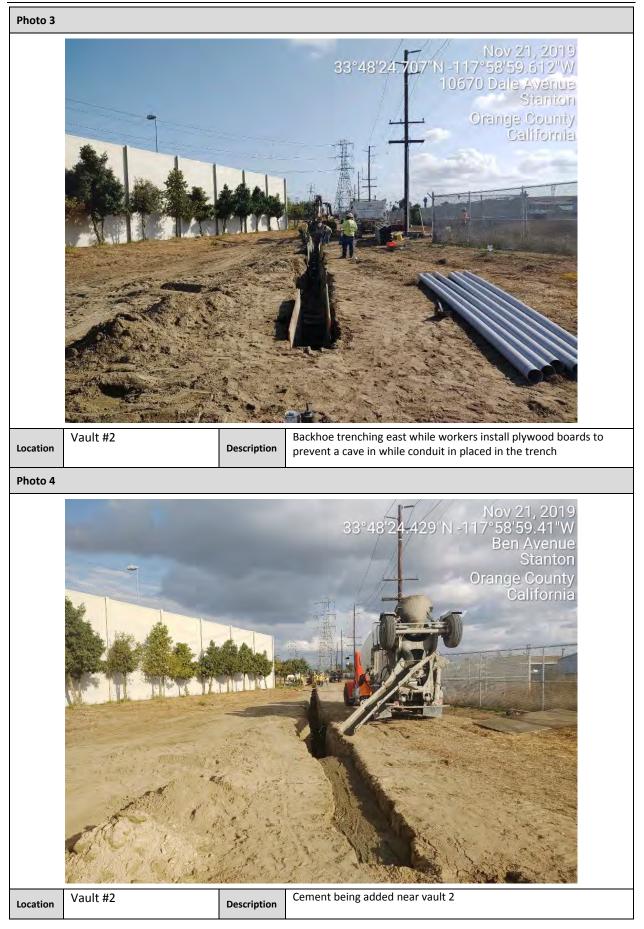


Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG						
Date				Monitor		Time (Begin-End)
11/21/19			V	Villiam Roberts		0630-1700
Temperature (°F)	Wind	(mph)	Precipitation amount	Visibility	We	eather Comment
52-65	0-	-3	n/a	Partly cloudy		
Location(s) of Worl	k Site Acti	ivities Mo	nitored			
trenching, beginr 0700 Work begar	ning from n with a b	n vault 2 a backhoe l	and moving east. being used to mo	ve conduit from a f	latbed truck to sectior	ne day which was to begin ns along the proposed trenching
0715 One more II	LB worke aded into	er was W o dump tr	EAP trained. Mea	anwhile the backho o the stockpile to tl		iching at vault 2. Fill from the ture of the ground, which is
This allowed wor	kers to sa s pulled t	afely ente through t	er the trench and them. During this	begin the process time another flate	of installing conduit.	nd supported with metal braces As segments of the conduit were workers began disassembling
1100 The forms ι	used for t	the vault	excavations were	e removed from site	2.	
						Illed. Cement trucks continued s where the conduit was still
the trench with p approximately a f	lywood l foot fron	boards aı n ground	nd metal sheets. level and was lef	The section in the topen. The concre	middle that had concre	prevent animals from becoming
Two deep sectior	ns of the	trench w	vere covered, and	escape ramps wer		nce concerns were observed. v portions. The conduit that wa ite.
Summary of Biolog	ical Reso	urces Mor	nitoring Observatio	ns		
Special-Status Sp	ecies Ob	oserved:	none			
Nesting Bird Obs	ervation	is: none				
Other Biological	Resource	es Observ	vations: none			

Wildlife Species Observed:

Eurasian collared dove, common Raven, American crow, house wren, rock pigeon, , Say's phoebe, red-tailed hawk, house finch, western kingbird, mourning dove, California gull, black phoebe







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

Date		Monitor			Time (Begin-End)	
November 22, 2019			Cara Snellen		1030-1300	
Temperature (°F)	Win	d (mph)	Precipitation amount	Visibility	We	eather Comment
67 - 69	1	- 2	0.0 in	Good	Clea	r to partly cloudy

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

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.

#### SERC Site:

**Western Parcel** – Activities included pipe fabrication and movement of equipment/materials. No construction occurring during spot check; drip pans present under idle equipment.

**Eastern Parcel** – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.

Western Laydown – Activities include equipment storage and movement of equipment/materials.

Eastern Laydown – Activities included parking and storage of equipment/materials.

**Bethel Church Parking Lot** (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.

#### SoCal Gas Sites:

**Greek Orthodox Church Laydown** – Activities include movement and storage of materials and office management (office trailers).

**Dale Avenue Natural Gas Pipeline** – Active sections extended from Dale Jr. High School (north of Ball St.) to halfway between Chanticleer and Cerritos Ave (south). Activities included trenching, pipe installation, and saw cutting concrete.

#### SCE:

Gen-Tie Line – Activities include construction on gen-tie line at Barre Substation.

#### Summary of Biological Resources Monitoring Observations

Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.

#### Special-Status Species Observed:

None

**Nesting Bird Observations:** 

• None

**Other Biological Resources Observations:** 

• None

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

• None

#### Items Requiring Action/Follow-up

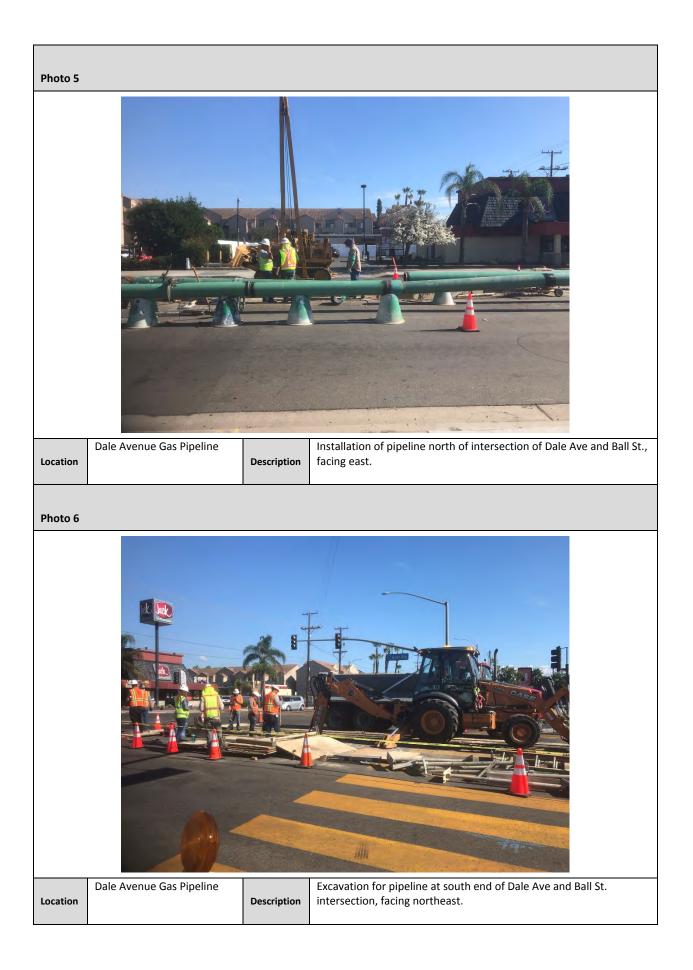
• No specific items requiring follow-up Monitoring of work will continue during Project construction activities.

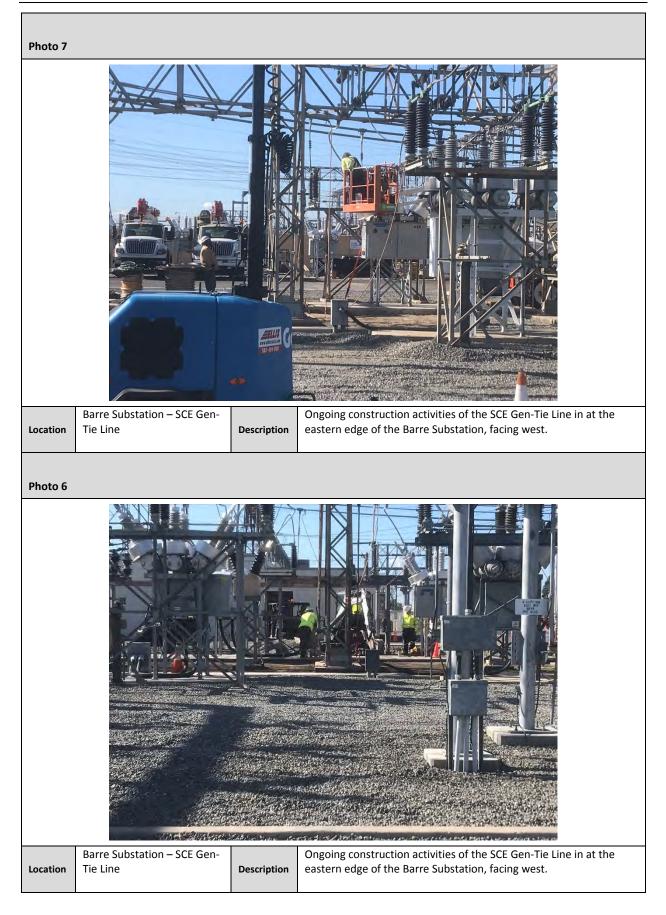
#### Wildlife Species Observed:

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









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

Date			Monitor			Time (Begin-End)		
	November 25, 2	2019		Cara Snellen		Cara Snellen		1200-1445
	Temperature (°F)	Wind	d (mph)	Precipitation amount	Visibility	We	eather Comment	
	66 - 68	5	- 10	0.0 in	Good	Clea	r to partly cloudy	

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

Checked all locations for potential bird/wildlife/Project interactions and compliance with COCs.

#### SERC Site:

Western Parcel – Activities included pipe fabrication, electrical work, and movement of equipment/materials.

**Eastern Parcel** – Ongoing activities related to above-ground infrastructure construction and movement of equipment/materials.

Western Laydown - Activities include parking, equipment storage, and movement of equipment/materials.

Eastern Laydown - Activities include parking, pipe/materials fabrication, and storage of equipment/materials.

**Bethel Church Parking Lot** (10801 Dale Avenue, Stanton) – Monitored church parking lot and surrounding area (as accessible). SERC section of the parking lot was near capacity.

#### SoCal Gas Sites:

**Greek Orthodox Church Laydown** – Activities include pipe fabrication, movement and storage of materials, and office management (office trailers).

**Dale Avenue Natural Gas Pipeline** – Active sections extended from south of Crescent Ave./Greek Orthodox Church Laydown (north) to north of Lincoln Ave. (south) and Dale Jr. High School (north of Ball St.) to Winston Ave. (south). Activities included asphalt paving concrete (Crescent section), concrete pour, trenching, and pipe installation.

#### SCE:

**Gen-Tie Line** – Activities include construction on gen-tie line at Barre Substation and trenching south of the nursery (east of the substation fenceline).

#### Summary of Biological Resources Monitoring Observations

Bio-monitoring during plant and natural gas line construction for special status species, nesting birds, fossorial mammals, and other wildlife.

#### Special-Status Species Observed:

None

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

- None
- **Other Biological Resources Observations:** 
  - None

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

None

#### Items Requiring Action/Follow-up

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

#### Wildlife Species Observed:

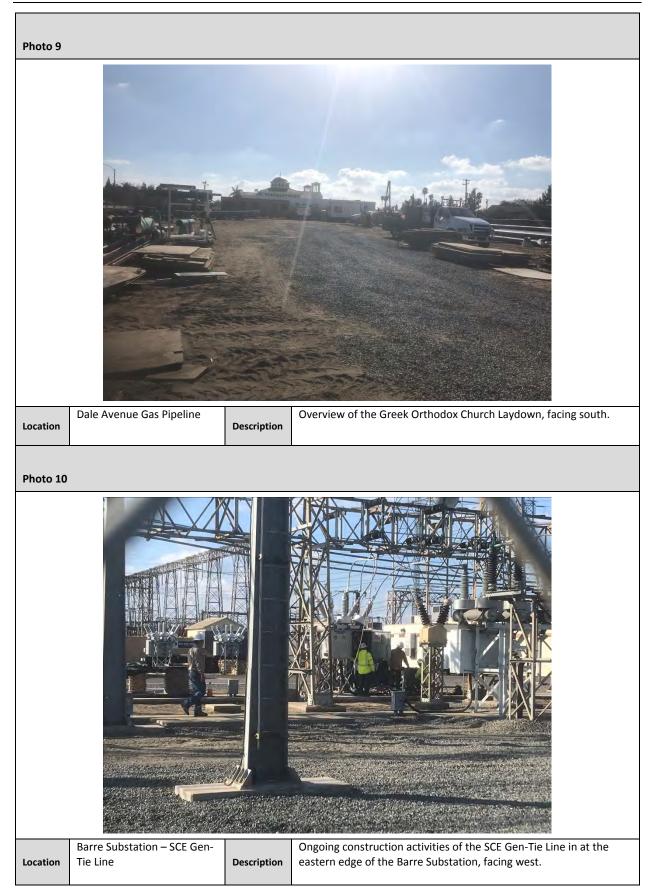
**Birds:** American crow (*Corvus brachyrhynchos*), Northern mockingbird (*Mimus polyglottos*), Eurasian collared dove (*Streptopelia decaocto*), mourning dove (*Zenaida macroura*), rock pigeon (*Columba livia*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), red-tailed hawk (*Buteo jamaicensis*), side blotched lizard (*Uta stansburiana*)

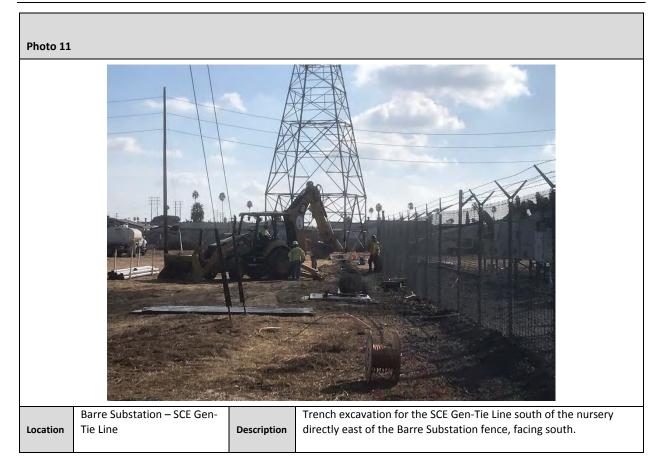






Photo 7			
Location	Dale Avenue Gas Pipeline	Description	Trench excavation at intersection of Ball St. and Dale Ave., facing northeast.
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Photo 8			
Photo 8	Dale Avenue Gas Pipeline		Pipe installation in trench south of Ball St./Dale Ave. intersection.,



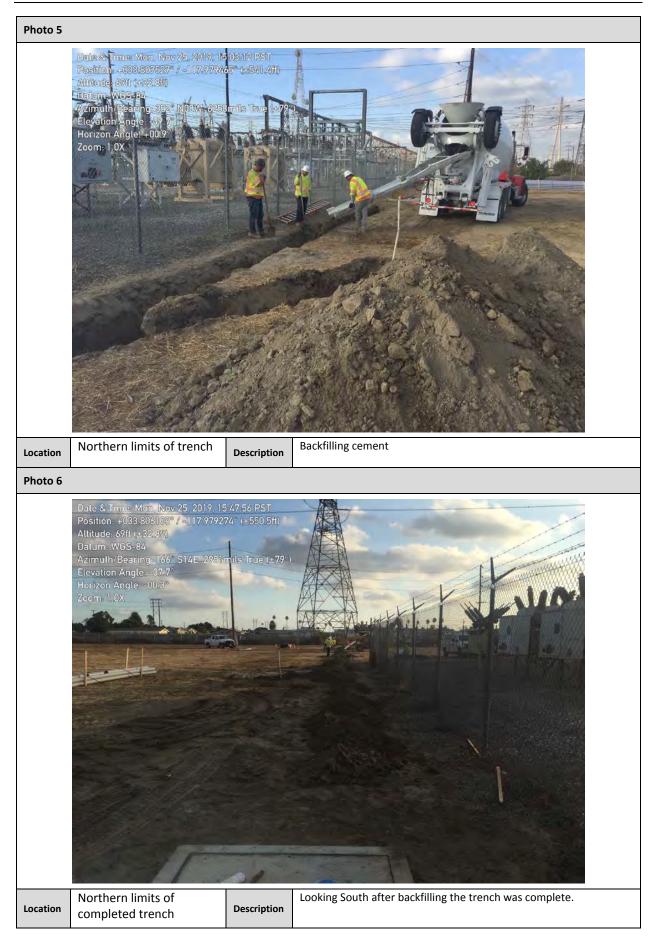


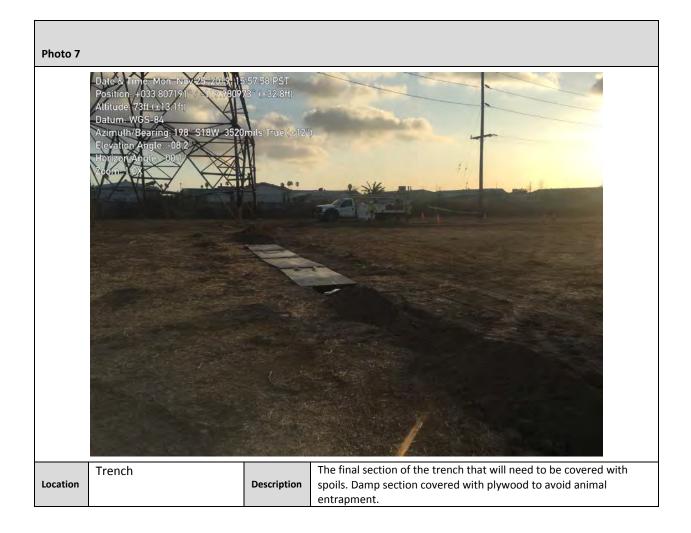
Stanton Energy Reliability Center (SERC) BIOLOGICAL RESOURCES COMPLIANCE MONITORING LOG							
Date			Monitor		Time (Begin-End)		
11/25/19		Jo	onathan Gunther		0645-1600		
Temperature (°F)	Wind (mp	oh) Precipitation amount	Visibility	We	eather Comment		
50-68	0-7	n/a	Partly cloudy				
Location(s) of Wor	k Site Activiti	es Monitored					
laying conduit an 0700 a flatbed tru was installed furt 0800 Excavation trenching progre allowed workers installed wire wa 0900 A cement tr 1100 One new IL 1230 After lunch 1600 Work was co but one small sec section which wa	Location(s) of Work Site Activities Monitored						
Summary of Biological Resources Monitoring Observations Special-Status Species Observed: none Nesting Bird Observations: none Other Biological Resources Observations: none Other Observations/Comments: none							
Items Requiring Ac • N/A Wildlife Species Ob		up					
Eurasian collared dove, house sparrow, rock nigeon, Say's phoebe, red-tailed hawk, house finch, mourning dove, black							

Eurasian collared dove, house sparrow, rock pigeon, Say's phoebe, red-tailed hawk, house finch, mourning dove, black phoebe, white-crowned sparrow, yellow-rumped warbler, American kestrel, palm warbler, blue-gray gnatcatcher, California scrub-jay, Northern mockingbird, lesser goldfinch









Appendix B Wildlife Species List

#### Observed Wildlife Species List November 1 – November 30, 2019 Stanton Energy Reliability Center

Common Name	Scientific Name	Status Federal/State/Other
Birds		
American crow	Corvus brachyrhynchos	//
American kestrel	Falco sparverius	//
Anna's hummingbird	Calypte anna	//
Black phoebe	Sayornis nigricans	//
Blue-gray gnatcatcher	Polioptila caerulea	//
California gull	Larus californicus	//
California scrub-jay	Aphelocoma californica	//
Cassin's kingbird	Tyrannus vociferans	//
Common raven	Corvus corax	//
Eurasian collared dove	Streptopelia decaocto	//NP
European starling	Sturnus vulgaris	//NP
House finch	Haemorhous mexicanus	//
House sparrow	Passer domesticus	//NP
Lesser goldfinch	Spinus psaltria	//
Mourning dove	Zenaida macroura	//
Northern mockingbird	Mimus polyglottos	//
Palm warbler	Setophaga palmarum	//
Red-tailed hawk	Buteo jamaicensis	//
Rock pigeon	Columba livia	//NP
Say's phoebe	Sayornis saya	//
Western kingbird	Tyrannus verticalis	//
White-crowned sparrow	Zonotrichia leucophrys	//
Yellow-rumped warbler	Setophaga coronata	//

#### 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 C WEAP Training Log

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.	HUMBERTO LOPEZ	ARB	Cionto Lano	10/28/19
2.	OSCUN PUJILER	neutron	1000	10/20/19
3.	Kile Sterry	Newtron	1 cm	10/34/19
4.	JESUS LORREA	NEW TRAN		10/31/19
5.	Men Zheng	AXRLAD	Mu	11/1/19
6.	Anthony Stumpt	Gregg Drilling	CALL.	11-1-19
7.	Christian Renter. G	W J		
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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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1.	Aavan Anderson	Nolan Power	A-tal ana	11/11/19
2.	ROMMIN REELE	No an Power	R-1(+R-().	11/11/19
3.	THOMAE T-LOURNON	NEWTRON	TITI	113-19
4.	GERMAN RAMINER	NEWTRON	127 D	11/13/19
5.	C.F Quinn	Nentron		11/10/19
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7.	RICHARD VERSTURA	NEWTERON	Builtich	11/14/19
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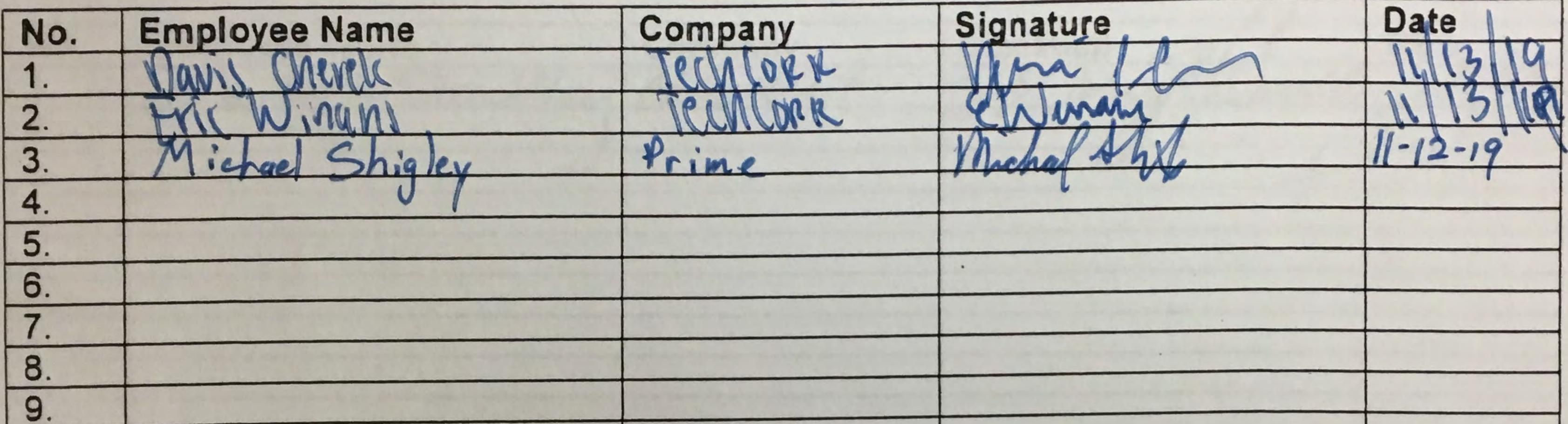
Stanton Energy Reliability Center (SERC) Project, Orange County, California Cultural, Paleontological, and Biological Resources Education Program Verification All On-Site Employees

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5.	Sorralla New Yord	ALUNTON	- Optil you	11.18.15
6.	KEVIN DIKEMD	NEWTRICK	KD	11-20-19
7.	DUSTIN MORROW	NEWITZON	Outhing	11-20-19
8.	OSCAR ESPERANZA	anc	Carlester	11/2/119
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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

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

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# 3

# Certification of Completion of Worker Environmental Awareness Education Program

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

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

No.	Employee Name	Company	Signature	Date,
1.	CARLOS JoHN SON	SCE	and	11/4/19
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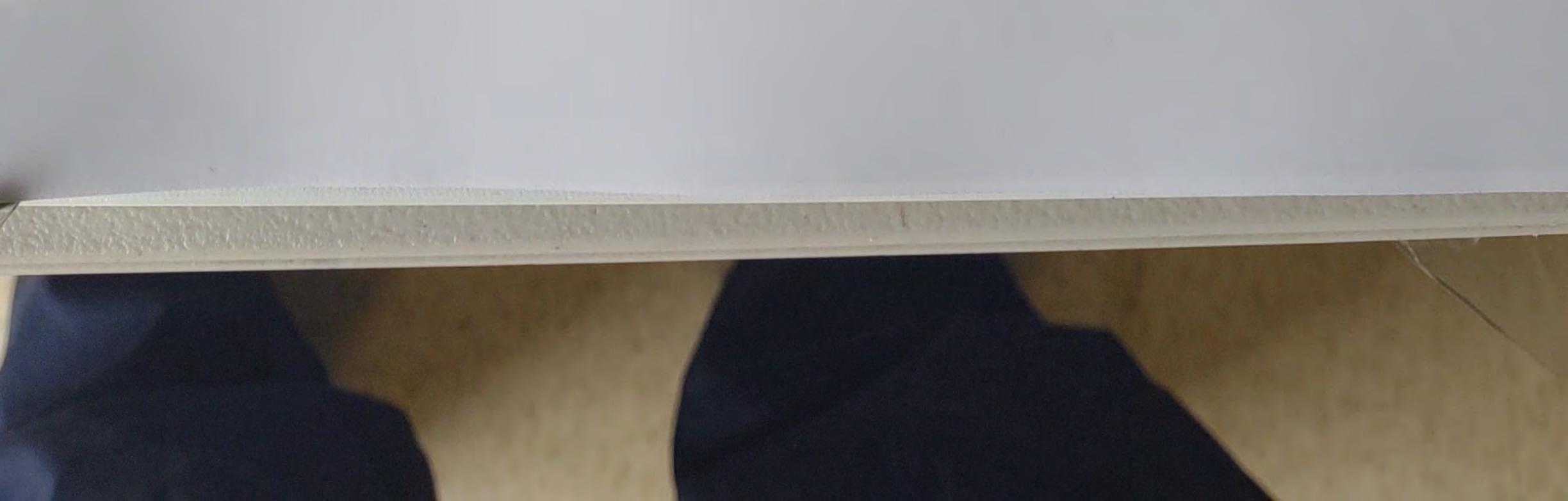


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No.	Employee Name	Company	Signature	Date
1.	Ignacio Lambaven In	T.L.B.	The	11/14/19 .
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Date: // 1/4/19 Trainer: Will Roberts Signature: Man



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

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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.

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Trainer: Jonathan Gunthe Signature:

Date: 11 / 25/ 2019

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Attachment 5 – CIVIL



# MEMORANDUM – DCBO APPROVAL

**DATE:** October 16, 2019

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

FROM: Jennifer Peterson, PE, Civil Engineer NV5, Inc. jennifer.peterson@nv5.com 858-385-2130 Digitally signed by Jennifer Peterson Reason: Reviewed for Code Compliance Date: 2019.10.16 11:43:25 -07'00'

CC: Eric Rodriguez, Lead Engineer NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_CIVIL-1-1.0\_GRADING & DRAINAGE\_191011\_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.

Attachment 6 – Cultural Resources

# Cultural Resources Monitoring Activities Monthly Compliance Report for the Stanton Energy Reliability Center Project (16-AFC-1C) November 2019

Prepared For:	John Heiser/California Energy Commission Tim Bofman/SERC, LLC
Copies:	Sharon Stureman, SERC, LLC Doug Davy/Jacobs Karen Parker/Jacobs Phil Reid, CRS/Jacobs
Prepared By:	Gloriella Cardenas, Alternate CRS / PaleoWest
Reporting For Period:	November 2019

This November 2019 Monthly Compliance Report (MCR) summarizes cultural resources monitoring activities conducted and documentation prepared from November 1 through November 30, 2019 for the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. Excavations in October included a structure 4A box vault excavation in Parcel 1 of the SERC Plant and the off-site Southern California Gas (SoCalGas) pipeline. 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.

An additional work component is being conducted by Southern California Edison with cultural resources monitors from Paleo Solutions. This work consists of footings and trenching for duct bank installation to complete the tie in from the SERC plant to the Barre Substation and the wider electrical grid.

SERC Plant Site and SoCalGas Pipeline

Personnel Active in Monitoring This Period

PaleoWest Archaeology personnel active in monitoring this period were: Alternate Cultural Resources Specialists Gloriella Cardenas and Natalie Lawson, as well as Cultural Resources Monitors (CRMs) Ryan Rolston, Jennifer McElhoes, Cynthia Morales, John McDermott, Ryan Nordness, and Mary Hillis Shockley monitored the SERC plant site and SoCalGas pipeline during this reporting period.

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



### TABLE 1

Date	CRMs	NAMs
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11/6/19	4	1
11/7/19	4	1
11/8/19	4	1
11/12/19	4	1
11/13/19	4	1
11/14/19	4	1
11/15/19	4	1
11/18/19	4	1
11/21/19	4	1
11/22/19	4	1
11/25/19	4	1
11/26/19	4	1
Total CRM/NAM-Days	60	15

# Overview of Monitoring Work and Any Issues

Project ground disturbance for this period began on Friday November 1, 2019. Activities monitored included trench excavations for the gas pipeline and hand excavated potholing for utility location. Work occurred in various locations within stations 00+00 to 114+50 along Dale Avenue and extended up to 9 ft below the current street surface.

Native sediments were observed at various pipeline trench stations at approximately 2 ft to 9 ft below the surface of the asphalt. Observed sediments were loosely compacted to uncompacted light brown sands with small, sparse angular inclusions. The sidewalls were prone to collapse and much of the pipeline trench was shored with wood plating.

Cultural Resources Discoveries This Period

No new discoveries of cultural resources were made during this reporting period.

Southern California Edison Work - SERC Tie-In to Barre Substation

SCE contractor Paleo Solutions is conducting cultural resources monitoring of the SERC tie-in to the Barre Substation for SCE. Personnel active during this reporting period were Sun Min Choi and Morgan Bender.

NAM for this reporting period was Robert Dorame.

Ground disturbing activities subject to cultural monitoring commenced November 2, 2019 and consisted of drilling for bases and I-Beams, utility vault excavations and



trenching for piping.

Date	CRMs	NAMs
11/2/19	1	1
11/4/19	1	1
11/5/19	1	1
11/18/19	1	1
11/19/19	1	1
11/21/19	1	1
11/22/19	1	1
11/25/19	1	1
11/26/19	1	1
Total CRM/NAM-Days	9	9

No cultural resources were discovered as a result of this work.

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.

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Fulfillment Requirements of Each Cultural Resources Mitigation Measure

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	<ul> <li>The CRS must prepare a CRMMP, including a research design, implementation schedule, identification of cultural resources personnel, plan for Native American</li> </ul>	In compliance     The CRMMP has been prepared



TABLE 2
Fulfillment Requirements of Each Cultural Resources Mitigation Measure

Measure	Requirements	State of Compliance
Plan (CRMMP)	participation, description of impact avoidance measures, plan for curation, and LORS compliance plan for human remains.	and approved by the CPM
CUL-4: Final Cultural Resources Report	The CRS must prepare a final Cultural Resources Report after construction is complete summarizing all field activities and including copies of all DPR forms and cultural resources reports associated with project construction.	Not applicable – construction is not completed.
CUL-5: Cultural Resources Worker Environmental Awareness Program (WEAP)	<ul> <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 have been found</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 November 1 through



November 26, 2019, a total of 57 persons completed the SERC WEAP training. The hard copy training logs for the November 2019 reporting period are included in the Biological Resources Monthly Compliance Report.

Anticipated Changes in the Next Period

Pipeline trench excavations and potholing for utilities are expected to continue. Additionally, limited work at the SERC plant site is proposed along the storm sewer system in December. Work by SCE at the Barre Substation will also continue in December. 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 November 2019

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 November 2019, as required by California Energy Commission license Condition of Certification PAL-6.

## Personnel Active in Paleontological Monitoring This Period

PaleoWest's Principal Investigator, Niranjala Kottachchi conducted the paleontological monitoring program for the Project. David Alexander was the primary Paleontological Resources Monitor (PRM) for this month. Additional paleontological monitors on site during this reporting period included Tara Redinger, Patrick Riseley, and Richard Serrano.

Pipeline construction by SoCal Gas requiring paleontological monitoring continued throughout the month of November. Trenching crews worked at different locations along Dale Avenue. These locations or stations are presented in Table 1 below week by week. The presence of unconsolidated native sands in the trench required shoring during most of the month, thus slowing down excavations. Southern California Edison (SCE) continued excavations at the Barre substation. Paleontological monitoring was conducted by Daniel Nolan of PaleoSolutions. These activities are incorporated in the table below.

Week	Station #	Activity	Stratigraphy
1	91+56, 144+00, 90+10	Trenching for gas line measured 4.5 feet wide to a maximum depth of 7 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene silt and sand down to 5 feet. Below 5 feet have clay rich layer with high organics, at 7 feet, silty sand appears with increasing sand with depth.

# Table 1. Monitoring and Associated Activities This Period

Week	Station #	Activity	Stratigraphy
2	$\begin{array}{c} 91+90 & {\rm to} \\ 92+70, \\ 90+50 & {\rm to} \\ 90+80, \\ 0+00 & {\rm to} \\ 0+25, \\ 92+70 & {\rm to} \\ 93+00, \\ 94+00 & {\rm to} \\ 94+25, \\ 93+00 & {\rm to} \\ 93+67, \\ 94+25 & {\rm to} \\ 93+67, \\ 0+00 & {\rm to} \\ 0+12, \\ 93+67 & {\rm to} \\ 93+90, \\ 95+45 & {\rm to} \\ 93+90, \\ 95+45 & {\rm to} \\ 97+60, \\ 0+20 & {\rm to} \\ 0+20 & {\rm to} \\ 0+30, \\ 97+50 & {\rm to} \\ 97+65, \\ 98+00 & {\rm to} \\ 101+00 & {\rm to} \\ 07+65, \\ 98+00 & {\rm to} \\ 101+00 & {\rm to} \\ 00+20, \\ 03+52 & {\rm to} \\ 03+77 & {\rm (bell} \\ {\rm hole}), \\ \end{array}$	Trenching for gas line measured 4.5 feet wide to a maximum depth of 7 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
3	97+65 to 98+60, 99+00 to 100+15, Dale Ave and	Trenching for gas line measured 4.5 feet wide to a maximum depth of 6 feet to 10 feet at all locations Bell hole excavations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles. Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native
	Uncoln Rd 97+80 to 98+30, 100+15 to 100+95,	Trenching for gas line measured 4.5 feet wide to a maximum depth of 6 feet to 10 feet at all locations	Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles. Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
	102+40 to 102+70, 103+90 to		Cannon gray oouroo sando with pebbles.

Week	Station #	Activity	Stratigraphy
	104+20 Dale Ave and Ball Rd South of Barre substation (SCE)	Trenching for gas line measured 4.5 feet wide to a maximum depth of 6 feet to 10 feet at all locations Excavation and potholing of vaults 100 feet x 1.5 feet x 14 feet	Upper 8 feet appears to consist of disturbed sediment. Below 8 feet, have Holocene sediments light grayish brown, fine to medium sands, silts, and clays down to 14 feet depth.
4	$\begin{array}{ccccc} 104+20, \\ 105+50 & to \\ 107+00, \\ 104+60 & to \\ 105+35, \\ 106+20 & to \\ 107+00, \\ 105+30 & to \\ 105+30 & to \\ 105+85, \\ 106+20 & to \\ 106+60, \\ 105+50 & to \\ 106+95, \\ 108+15 & to \\ 108+30, \\ 110+00 & to \\ 111+00, \\ 106+60 & to \\ 106+70, \\ 110+50 & to \\ 111+00, \\ 107+50 & to \\ 112+25 \end{array}$	Trenching for gas line measured 4.5 feet wide to a maximum depth of 6 feet to 10 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
	South of Barr substation (SCE)	Excavation of vault 20 feet x 10 feet x 14 feet, and a vault 50 feet x 2 feet x 6- 12 feet	Holocene brown to dark brown, fine to medium sands, silts, and clays down to 12-14 foot depth

Week	Station #	Activity	Stratigraphy
5	111+10       to         111+90,       to         112+30       to         112+60,       105+45         105+45       to         107+50,       111+90         114+05,       106+75         108+85       108+85	Trenching for gas line measured 4.5 feet wide to a maximum depth of 7 feet to 9 feet at all locations	Below 6-10 inches of asphalt and 2-3 feet of disturbed sediment, have unconsolidated, native Holocene alluvium consisting unconsolidated, tannish-gray coarse sands with pebbles.
	South of Barre substation	Excavation of trench 70 feet x 2 feet x 6-12 feet and a trench 50 feet x 2 feet x 6-12 feet	Holocene brown, fine to medium sands and silts to a depth of 12 feet.

Paleontological Resources Discoveries This Period

No paleontological resources were discovered during the month of November 2019.

Anticipated Work and/or Changes in the Next Period

Excavations for the pipeline by SoCal Gas and SCE excavations at the substation will continue in December. In addition, ARB will resume excavations at the main plant facility.

Comments, Issues or Concerns

None to report.

Attachment A Daily Monitoring Logs



Project Name:	Stanton energy reliability	Date: 11/1/2019 8:54:13 AM	
Project Location:	Dale and stonybrook	Weather:	
Monitor(s): dale	exander	Clear and sunny	
Work Start Time:	0700	Work End Time: 1530	
Construction Cor	npany: SE pipeline co.	Contact(s): Alain	
Did the (sub)cont	ractors work more than 8 hours (Y/N)?	Yes X No	
Was the Safety B	riefing Attended/Signed:	X Yes No	
Project Description	on:		
Station #01+56 to			

Station #91+56 to

Scope of Construction Work Monitored/Equipment Used:

Backhoe

## Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide by feet deep gas pipeline trench .

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

**Observations of Paleontological Resources:** 

Additional Comments:

Plan for tomorrow: Monitoring as needed on Monday

Attachments (Y/N):

Photograph Record:



Project Name: Stanton energy reliability	Date: 11/1/2019 6:46 AM
Project Location: On Dale at Standustrial, 144	Weather:
Monitor(s): tredinger	Crisp in the morning 45 degrees
Work Start Time: 7:00	Work End Time: 15:30
<b>Construction Company:</b> Southeast construction.	Contact(s): Allen
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	

On Dale at Standustrial, 144+00. Also, 2 machines at Dale and Bella at 90+10.

# Scope of Construction Work Monitored/Equipment Used:

## Backhoe

# Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Started digging at station 90+10 with Steve 1 they were digging down to 7ft depth. The other Steve crew had moved down to the HDD insertion point at standustrial to dig 3ft more back from the insert point. His went down to a maximum of 14.5 ft. They finished a hour after they started digging at 9;30 so I went back up to Bella to watch the other crews continue digging for the rest of the day.

# Approximate Dimensions of Construction Area Monitored/Survey Area:

# Geologic Unit(s) Observed:

At the cross section of Dale and standustrial the sediment is this: top 3 ft appears to be silty sandy fill mixed with road building rocks and cement, below that the sediment transitioned slowly into native mixed silt and sand down to 5 ft depth, at 5.5 ft there is a distinct dark brown contact line with the lower unit. This darker contact is mostly clay with high organics. Below that the percentage of fie grained sand increases. At 7 ft it is silty sand while at the bottom at 15 ft it is mostly entirely fine sand. At 9 t depth there is a two foot section that contains thin orange lines of

# Lithologic Description(s):

# **Observations of Paleontological Resources:**

None

Additional Comments: Monitored with John, Jen, and Ryan

Plan for tomorrow: Continue digging down Dale

Attachments (Y/N): X Yes No

# Photograph Record:

11/1/2019 10:26:45 AM 11/1/2019 1:08:21 PM



North, at standustrial at the HDD entry way. They had to extend the trench 3 ft north.



North, finished pipeline work by Steve's crew.



Project Name: Stanton energy reliability	Date: 11/4/2019 9:53:08 AM
Project Location: Dale Ave and stonybrook dr	Weather:
Monitor(s): dalexander	Clear and sunny
Work Start Time: 0700	Work End Time: 1530
Construction Company: SE Pipeline	Contact(s): Alain
Did the (sub)contractors work more than 8 hours (	Y/N)? Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Station #91+90 to92+70 and 90+50 to 90+80	

Scope of Construction Work Monitored/Equipment Used: Backhoe

Monitoring Methods (spot check, screening, bulk, sample collecting, etc): Monitoring excavation activities for paleontological resources

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

**Observations of Paleontological Resources:** 

No paleontological resources were discovered

**Additional Comments:** 

Plan for tomorrow: Continue trenching

Attachments (Y/N): X Yes No

Photograph Record: 11/4/2019 9:57:20 AM



Bell hole station 92+00



Project Name: Stanton Energy Reliability Project	Date: 11/4/2019 9:07:20 AM
Project Location: Buena Park Monitor(s): priseley	Weather: Clear calm 80 degrees F
Work Start Time: 0700 hrs	Work End Time: 1630 hrs
<b>Construction Company:</b> SE Pipeline Construction	Contact(s): Alain Miers
Did the (sub)contractors work more than 8 hours (Y/N)?	X Yes No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Station $0+00$ to $0+25$	

Station 0+00 to 0+25

# Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F rubbertired backhoe and tandem axle dump trucks. Concrete saw.

## Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Tie-in at 30 inch diameter gas main. Dig 18 inches below bottom of 30 inch main then to planter in middle of La Palma Avenue. Excavation began some time after 1300hrs and contractor requested that extra hours be granted to complete one-bell hole at station 0+00. The rest of the day was spent cutting and grinding the pavement.

## Approximate Dimensions of Construction Area Monitored/Survey Area:

### Geologic Unit(s) Observed:

Safety meeting emphasized vigilance regarding traffic making illegal left turns. Excavation encountered 10" AC, 6" AB and approximately 8 feet of loose light gray-tan fine to coarse sand fill with miscellaneous clods of dark-brown oil-impregnated sand.

# Lithologic Description(s):

### **Observations of Paleontological Resources:**

I had intent to take a 50 lb microvertebrate test of silty f to coarse sand which I have observed further to the south

### Additional Comments:

### Plan for tomorrow:

Continue digging bell hole at gas linear station 0+00'. Acquire 50lb matrix sample at bottom of excavation.

Attachments (Y/N): X Yes No

# Photograph Record:

11/4/2019 1:05 PM 11/4/2019 2:28:40 PM



Gas pipeline linear excavation to date at station 0+00,' tie in to 30" main. View south from 0408854mE and 3745611mN



Natural gas linear at 30" main tie-in with upper 4 feet backfill stratigraphy in view featuring numerous clouds of oil-impregnated sand. View toward north from 0408860mE and 3745607mN



Project Name:	Stanton energy reliability	Date: 11/5/2019 9:57:34 AM		
Project Location:	Dale Ave and stonybrook	Weather:		
Monitor(s): dale	exander	Clear and sunny		
Work Start Time:	0700	Work End Time: 1530		
Construction Con	npany: SE pipeline	Contact(s): Alain		
Did the (sub)cont	tractors work more than 8 hours (Y/N)?	Yes X No		
Was the Safety Briefing Attended/Signed:		X Yes No		
Project Description	on:			
Station #92+70 to 9	93+00 and 94+00:to 94 +25;			

# Scope of Construction Work Monitored/Equipment Used:

2 Backhoes

# Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide up to 9 feet deep gas pipeline trench.

# Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

# **Observations of Paleontological Resources:**

None

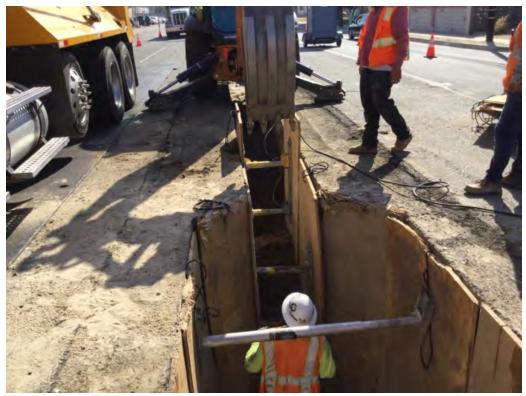
**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/5/2019 12:52:36 PM



Backhoe trench startion 92+90 7 CTG deep



Project Name:	Stanton energy reliability	Date: 11/6/2019 10:12:49 AM		
Project Location:	,	Weather: Clear and sunny		
Monitor(s): dale Work Start Time:	exander 0700	Work End Time: 1530		
Construction Con	npany: SE pipeline	Contact(s): Alain		
Did the (sub)contractors work more than 8 hours (Y/N)?		Yes No		
Was the Safety Briefing Attended/Signed:		Yes No		
Project Description	on:			
Station # 93+00 to	93+67And 94+25 to 95+45			

# Scope of Construction Work Monitored/Equipment Used:

2 backhoes

# Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. 2 backhoes excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

# Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

# **Observations of Paleontological Resources:**

None

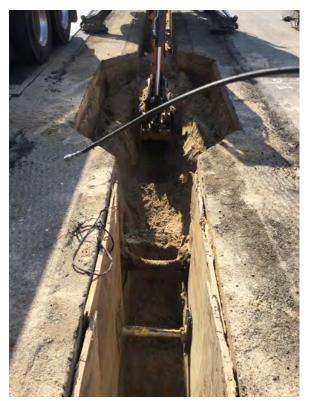
**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/6/2019 10:28:49 AM



Bell hole station #93+35



Project Name:	Stanton e	nergy reliability project	Date:	11/6/2019	10:12:49 AM
Project Location: Buena Park		Weather:			
Monitor(s): pris	eley		Fog the	n hazy 80 c	legrees F
Work Start Time:	0700		Work E	Ind Time:	15:30
Construction Con	npany:	S E Pipeline Construction	Contac	<b>:t(s):</b> Ala	in Mvers
Did the (sub)cont	ractors w	ork more than 8 hours (Y/N)?		Yes	× No
Was the Safety Briefing Attended/Signed:		X Yes No			
Project Description	on:				
0+00' to 0+12'					

# Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F backhoe asphalt grinding vehicle with truck loading conveyor tandem axle dump trucks bars and transfer shovels

# Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Excavation for gas pipeline linear. Grinding surface coat of asphalt concrete (AC).

# Approximate Dimensions of Construction Area Monitored/Survey Area:

# Geologic Unit(s) Observed:

10" of AC over 6 inches of asphalt base (AB) over an additional 92" of uniform to cross laminated light gray-tan fine to coarse sand with trace of surrounded to rounded pebbles.

# Lithologic Description(s):

# **Observations of Paleontological Resources:**

No large fossils were observed in the excavation today.

# Additional Comments:

Plan for tomorrow: Continued paleontological monitoring as needed

Attachments (Y/N):

Photograph Record:



Project Name: Stanton energy reliability	Date: 11/7/2019 8:47:33 AM		
Project Location: Dale Ave and stonybrook, Monitor(s): dalexander	Weather: Overcast to clear and sunny		
Work Start Time: 0700	Work End Time: 1530		
Construction Company: SE pipe	Contact(s): Alain		
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No		
Was the Safety Briefing Attended/Signed:	X Yes No		
Project Description:			
Station # 93+67 to 93+90 And 95+45 to97+60			

# Scope of Construction Work Monitored/Equipment Used:

2 Backhoes

# Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. 2 backhoes excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

# Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

# **Observations of Paleontological Resources:**

None

**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/7/2019 9:52:41 AM



Borehole st #93+75



F

# **Daily Monitoring Report - Paleontology**

Project Name:	Stanton e	energy reliability project	Date: 11/7/2019 7:17:37 AM		
Project Location:	Buer	na Park	Weather:		
Monitor(s): pris	eley		Overcas	st then	hazy 73 degrees
Work Start Time:	0700		Work E	nd Tir	<b>ne:</b> 1530
Construction Con	npany:	S E Pipeline Construction	Contac	t(s):	Alain Mvers
Did the (sub)cont	tractors w	ork more than 8 hours (Y/N)?		Y	′es × No
Was the Safety Briefing Attended/Signed:		X Yes No			
Project Description	on:				
Station 0+20' to 0+	30'				

# Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F backhoe concrete saw shovels tandem axle dump trucks

# Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Excavation to total depth of 8 feet pursuant to installation of natural gas linear.

## Approximate Dimensions of Construction Area Monitored/Survey Area:

### Geologic Unit(s) Observed:

Light gray-tan homogeneous fine to coarse sand with trace of pebbles. Re-excavated slurry.

# Lithologic Description(s):

### **Observations of Paleontological Resources:**

No large fossils were observed in the excavation today.

### Additional Comments:

Excavation ceases at station 0+20 by approximately 1315hrs. Spot-checked stratigraphy at station 97+25 photo 2. 8"AC over 6" AB then downward progressing into bell hole as follows 1) 18" dark brown clayey silt fine to coarse sand with pebbles marl, 2) 36" medium brown silty fine to coarse sand with clay and trace of pebbles, 3) 4" light gray-tan loose fine to coarse sand with clay and trace of pebbles, 4) 12" medium brown silty fine to coarse sand with clay and trace of pebbles, and 5) light gray-tan loose fine to coarse sand with trace of pebbles to bottom of bell hole

### Plan for tomorrow:

Another plug will be re-excavated tomorrow. Paleo monitoring as needed on Dale street between La Palma Avenue and Crescent (?) street.

Attachments (Y/N): X Yes No

# Photograph Record:

11/7/2019 10:57:04 AM 11/7/2019 1:39:25 PM



Northward view of homogeneous light gray-tan sand at station 00+20' and 2 to 7 foot depth, objective NAD 83/84 zone 11S UTM is 0408858mE and 3745598mN.



Stratigraphic profile of west wall of gas-linear trench at station 97+25. View sw. objective at NAD 83/84 ZONE 11S UTM 0408879mE and 3742664mN.



AM

### **Daily Monitoring Report - Paleontology**

Project Name:	Stanton e	nergy reliability	Date:	11/8/2019 11:21:36	
Project Location:	Dale	Ave and DeVoy	Weath		
Monitor(s): dalexander			Clear and sunny, warm		
Work Start Time:	0700		Work E	End Time: 1530	
Construction Con	npany:	SE pipeline	Contac	<b>ct(s):</b> Alain	
Did the (sub)cont	tractors wo	ork more than 8 hours (Y/N)?		Yes X No	
Was the Safety B	Briefing Att	ended/Signed:		X Yes No	
Project Description	on:				
01.1.1.1.107.501.1			01.00		

Station #97+50 to 97+65 and potholing various spots 98+00-101+00

### Scope of Construction Work Monitored/Equipment Used:

#### 2 backhoes

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources 2 backhoes excavating 28 inch wide and up 7 feet deep gas pipeline trench.

### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

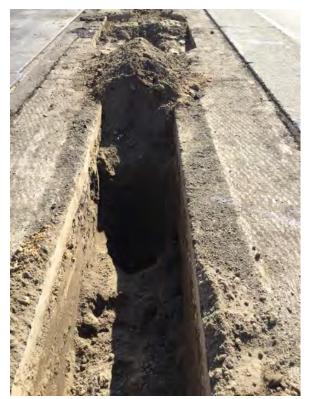
**Additional Comments:** 

Plan for tomorrow: Monitoring Tuesday

Attachments (Y/N): X Yes No

Photograph Record:

11/8/2019 1:05:13 PM



Pothole at station 100+25



Project Name: Stanton Energy Reliability Project	Date: 11/8/2019 10:27 AM	
Project Location: Buena Park Monitor(s): priseley	<b>Weather:</b> Hazy 85 degrees F	
Work Start Time: 0700	Work End Time: 1530	
<b>Construction Company:</b> S E Pipeline Construction	Contact(s): Alain Mvers	
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No	
Was the Safety Briefing Attended/Signed:	X Yes No	
Project Description:		

Station 00+10' to 00+20' and Station 03+52' to 03+77'

### Scope of Construction Work Monitored/Equipment Used:

Caterpillar 420F backhoe, shovels, asphalt grinder and saws, and tandem axle dump trucks

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Excavation of bell hole for future live pressure test at 3+52+ and remove plug of Holocene alluvium between stations 00+10' and 00+20' for installation of future gas linear.

### Approximate Dimensions of Construction Area Monitored/Survey Area:

#### Geologic Unit(s) Observed:

10" asphalt concrete over 6" asphalt base, 2 feet of previously disturbed gray - tan f-c sand with trace of pebbles then an additional 6 feet of plane laminated native light gray-tan fine to coarse sand with granules and pebbles. 50lb Spot microvertebrate test sample (1 bucket) was acquired at station 00+17' and 8.5 foot depth as PWR 08-11-19 -01.

### Lithologic Description(s):

### **Observations of Paleontological Resources:**

PWR 08-11-19-01 was dried and sifted in field to +#12 mesh matrix and -#12 matrix was discarded. The +#12

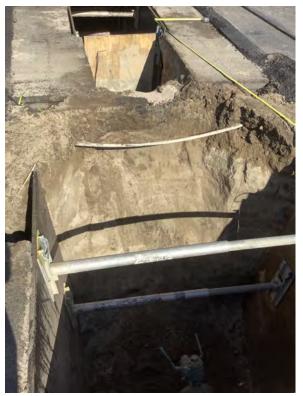
### Additional Comments:

Plan for tomorrow: Continued paleontological monitoring as needed

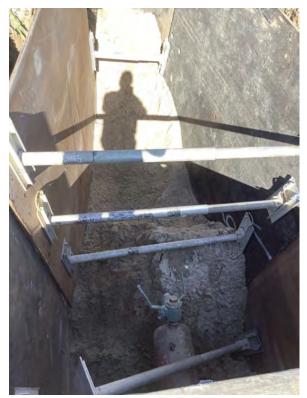
Attachments (Y/N): X Yes No

### Photograph Record:

11/8/2019 10:43:03 AM 11/8/2019 11:56:26 AM



16: North view of pug of Holocene alluvium between gas-linear stations 00+10' and 00 +20' above projected microvertebrate spot test sample PWR 08-11-19-01 taken from objective at NAD 83/84 Zone 11S UTM 0458857mE and 3745601mN.



17: PWR 08-11-19-01 sub grade lithology/sample location station 00+18' and 8 1/2 feet deep in light gray-tan moist fine to coarse sand with trace of gravel.



Project Name:	Stanton energy reliability	Date: 11/12/2019 8:46:59 AM		
Project Location:	DeVoy dr. And Dale Ave,	Weather:		
Monitor(s): dale	exander	Overcast to clear and sunny		
Work Start Time:	0700	Work End Time: 1530		
Construction Con	npany: SE pipeline	Contact(s): Alain		
Did the (sub)cont	tractors work more than 8 hours (Y/N)?	Yes X No		
Was the Safety Briefing Attended/Signed:		X Yes No		
Project Description	on:			
Station # 97+65 to	98+60 And 99+00 to 100+15			

### Scope of Construction Work Monitored/Equipment Used:

2 Backhoes

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide and up 8 feet deep gas pipeline trench.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/12/2019 9:33:27 AM



Bell hole station 99+05



Project Name: SERC	Date:	11/12/2019 2:44:43 PM
Project Location: Dale & Lincoln	Weath	••••
Monitor(s): jmcelhoes	Clear m	nild temp.
Work Start Time: 7 AM	Work E	End Time: 3 PM
Construction Company:	Contac	ct(s):
Did the (sub)contractors work more than 8 hours (Y/N)?		Yes X No
Was the Safety Briefing Attended/Signed:		X Yes No
Project Description:		
Buena Park, Ca. / Dale & Lncoln		
Scope of Construction Work Monitored/Equipment Used: CAT 420F back hoe		
Monitoring Methods (spot check, screening, bulk, sample Excavation for bell hole.	e collect	ing, etc):
Approximate Dimensions of Construction Area Monitored	d/Surve	y Area:
<b>Geologic Unit(s) Observed:</b> N/A		
Lithologic Description(s):		
Observations of Paleontological Resources:		
None noted.		
Additional Comments: Written by Richard Serrano.		
Plan for tomorrow: Continue excavation,		
Attachments (Y/N):		
Photograph Record:		



Project Name:	Stanton energy reliability	Date: 11/13/2019 9:14:07 AM
Project Location:	DeVoy dr. and Dale Ave.	Weather:
Monitor(s): dale	exander	Overcast to clear and sunny
Work Start Time:	0700	Work End Time: 1530
Construction Cor	mpany: SE pipeline	Contact(s): Alain Mevers
Did the (sub)cont	tractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:		
Project Description	on:	
Station # 97+80 to.	.98+30 And 100+15 to.100+95 And 102+40	) to 102+70

Scope of Construction Work Monitored/Equipment Used:

2 Backhoes

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. 2 Backhoes excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

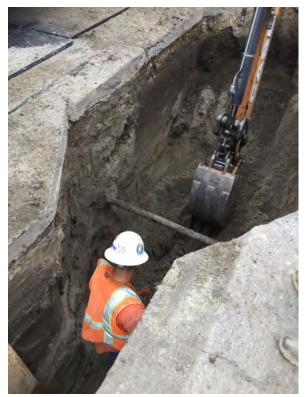
**Observations of Paleontological Resources:** 

Additional Comments:

Plan for tomorrow: Monitoring as needed.

Attachments (Y/N): X Yes No

Photograph Record: 11/13/2019 9:57:48 AM



Bore hole station # 100+42



Project Name: SERC	Date: 11/13/2019 2:33:07 PM
Project Location: Buena Park, Ca.	Weather:
Monitor(s): jmcelhoes	Slightly overcast
Work Start Time: 8 am	Work End Time: 3:30
Construction Company: SE Pipe Line Const.	Contact(s):
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description: Intersection of Dale and La Palma	
Scope of Construction Work Monitored/Equipment Used: CAT 420F back hoe	
Monitoring Methods (spot check, screening, bulk, sample Trenching for gas line.	e collecting, etc):
Approximate Dimensions of Construction Area Monitore	d/Survey Area:
<b>Geologic Unit(s) Observed:</b> N/A	
Lithologic Description(s):	
Observations of Paleontological Resources:	
Nothing observed.	
Additional Comments: Written by Richard Serrano.	
<b>Plan for tomorrow:</b> Unknown,	
Attachments (Y/N):	
Photograph Record:	



Project Name: SERC	Date: 11/14/2019 2:09:33 PM
Project Location: Buena Park, Ca.	Weather:
Monitor(s): jmcelhoes	Clear, 70,s
Work Start Time: 7 AM	Work End Time: 3:30 PM
Construction Company: SE Pipeline Consnstion	Contact(s):
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
Dale and Ball Rd.	
Scope of Construction Work Monitored/Equipment Used: CASE 590 Super N Extendahoe	
Monitoring Methods (spot check, screening, bulk, sample Trenching for gas line.	e collecting, etc):
Approximate Dimensions of Construction Area Monitored	d/Survey Area:
Geologic Unit(s) Observed:	
N/A	
Lithologic Description(s):	
Observations of Paleontological Resources:	
None noted.	
Additional Comments: Written by Richard Serrano	
Plan for tomorrow: Continue work.	
Attachments (Y/N):	
Photograph Record:	



Project Name: Stan	ton energy reliability	Date: 11/15/2019 8:28:23 AM	
Project Location:	909 Dale Ave. Anaheim Ca.	Weather:	
Monitor(s): dalexand	er	Overcast	
Work Start Time: 0	0700	Work End Time: 1530	
Construction Company	<b>y:</b> SE gas pipeline	Contact(s): Alain Mevers	
Did the (sub)contracto	rs work more than 8 hours (Y/N)?	Yes X No	
Was the Safety Briefing Attended/Signed:		X Yes No	
Project Description:			
Station # 103+90:to 104-	+20		

Scope of Construction Work Monitored/Equipment Used:

Backhoe

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

**Observations of Paleontological Resources:** 

Additional Comments:

Plan for tomorrow: Monitoring Monday as needed.

Attachments (Y/N): X Yes No

Photograph Record:

11/15/2019 12:56:09 PM



Station #104+20

Monitor: Richard Serrano

**Project Name: SERC** 

Project location (City, State): Anaheim, Ca.

Work Start Time: 7 AM Work End Time: 2:00 PM **Total Monitoring Hrs: 7** 

Construction Company: SE Pipeline Const. Inc. **On-site Contact:** 

Did the (sub)contractors work more than 8 hrs? No.

Safety Briefing Attended and Signed: Yes

### **Equipment Used:**

CASE 420F Super N extendahoe.

### **Project Location and description:**

The project is located just north of Ball Rd. on Dale Ave. Anaheim, Ca.

### Scope of Construction work monitored (include methods):

Trenching for gas line. Only 1 back hoe working so I was on stand by.

### **Geologic Units and Lithology:**

Geologic unknow.

Silty sand with some beds of medium sands.

### **Observation of Paleontological Resources**

There was no impact to paleontological resources.



Date: Nov.15, 2019

Project # 18- 348

Weather: Clear, temp mid 70's



### **Additional Comments:**

None.

Plan for Tomorrow: No work on Sat.

**Total Time Work Halted or Redirected: 0** 

Additional Pages attached? Yes No

Photos; None.





Project Name:	Stanton energy reliability	Date: 11/18/2019 8:41:33 AM	
Project Location:	909 Dale Ave,, Anaheim Ca	Weather:	
Monitor(s): dale	exander	Clear, sunny and warm	
Work Start Time:	0700	Work End Time: 1530	
Construction Con	npany: SE pipeline	Contact(s): Alain	
Did the (sub)cont	ractors work more than 8 hours (Y/N)?	Yes X No	
Was the Safety B	riefing Attended/Signed:	X Yes No	
Project Description	on:		
Station # 104+20 to	C		

Scope of Construction Work Monitored/Equipment Used:

Backhoe

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

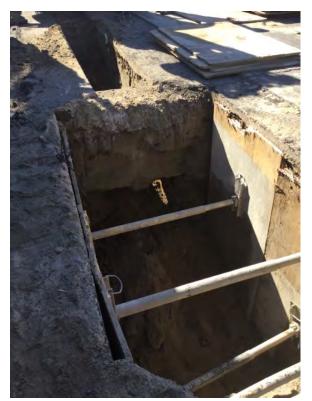
**Observations of Paleontological Resources:** 

Additional Comments:

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record: 11/18/2019 10:35:18 AM



Bore hole Station #104+40



Project Name: Stanton energy reliability station	Date: 11/18/2019 9:20:21 AM	
Project Location: On Dale between ball and	Weather: Sunny and unnaturally warm	
Monitor(s): tredinger		
Work Start Time: 7:00	Work End Time: 3:30	
Construction Company: southeast pipeline	Contact(s): Mike	
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No	
Was the Safety Briefing Attended/Signed:	X Yes No	
Project Description:		

On Dale between ball and De Voy, 105+50 to 107+00

### Scope of Construction Work Monitored/Equipment Used:

Backhoe (2)

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today I monitored with Jennifer and Ryan as Danny's backhoe continued to trench from 105+50 southward. Excavation went down to a maximum of 7 f. Many sets of utilities crossed the trench between 105 and 106 so the two crews had to spend multiple hours hand digging to find the utilities.

### Approximate Dimensions of Construction Area Monitored/Survey Area:

### Geologic Unit(s) Observed:

The sediment here is primarily sugar sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths.

### Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

Additional Comments: Monitored with Jen and Ryan

Plan for tomorrow: Continue south from 106+00 towards nball wi5 the two backhoes.

Attachments (Y/N):	Yes	No
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Photograph Record: 11/18/2019 1:12:50 PM



106+00, Steve's crews excavation for 5r day. About 30 ft.



Project Name:	Stanton energ	gy reliability	Date:	11/19/20	19 8:57:33 AN	
Project Location:	Dale Ave	e and Ball Road,	Weath			
Monitor(s): dale	exander		Partly o	Partly cloudy		
Work Start Time:	0700		Work E	End Time	: 1530	
Construction Con	n <b>pany:</b> so	utheast pipeline	Contac	<b>ct(s):</b> A	lain Mevers	
Did the (sub)cont	ractors work	more than 8 hours (Y/	N)?	Yes	× No	
Was the Safety B	riefing Attend	led/Signed:		x Yes	No	
Project Description	on:					
Station #104+60 to	105+35					

Scope of Construction Work Monitored/Equipment Used:

Backhoe

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/19/2019 10:39:32 AM



Bore hole station 105+30



**Project Name:** Stanton Energy Reliability station Date: 11/19/2019 9:04:14 AM **Project Location:** Weather: On Dale Ave. just north of Partially cloudy mild temperature Monitor(s): tredinger Work Start Time: Work End Time: 3:30 7:00 **Construction Company:** Contact(s): Southeast pipeline Robert foreman Yes X No Did the (sub)contractors work more than 8 hours (Y/N)? X Yes No Was the Safety Briefing Attended/Signed: **Project Description:** On Dale Ave. just north of Ball Rd.

### Scope of Construction Work Monitored/Equipment Used:

Three backhoes, hand digging with shovels

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

After attending the tailboard I monitored with Jennifer and Ryan as Steve's crew continued trenching between 106 +20 and 107+00. Steve's crew started the day by having his crew explore with hand shovels to find multiple utilities right by the intersection.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

### Geologic Unit(s) Observed:

The sediment here is primarily sugar sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths.

### Lithologic Description(s):

#### **Observations of Paleontological Resources:**

None

### Additional Comments:

Monitored with Ryan, Jennifer, and John.

Plan for tomorrow: Continue into ball rd.

Attachments (Y/N): X Yes No

Photograph Record: 11/19/2019 1:10:48 PM



North, overview of work completed at 106+50



Project Name:	Stanton energy reliability	Date: 11/20/2019 8:42:29 AM	
Project Location:	Dale Ave and Ball Road	Weather: Cloudy cool, drizzly	
Monitor(s): dale	exander		
Work Start Time:	0700	Work End Time: 1530	
Construction Con	npany: SE pipeline	Contact(s): Richard	
Did the (sub)contractors work more than 8 hours (Y/N)?		Yes X No	
Was the Safety Briefing Attended/Signed:		X Yes No	
Project Description	on:		
Station #105+30 to	105+85		

Scope of Construction Work Monitored/Equipment Used:

Backhoe

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/20/2019 1:20:36 PM



Trench station 105+60



Project Name: Stanton Energy reliability	y station <b>Date:</b> 11/20/2019 9:26:29 AM		
<b>Project Location:</b> On Dale on Ball ave <b>Monitor(s):</b> rrolston	e (106+20 Weather: Rainy sprinkling all day		
Work Start Time: 7:00	Work End Time: 3:30		
Construction Company: Southeast Pip	beline Contact(s): Robert		
Did the (sub)contractors work more than	8 hours (Y/N)?		
Was the Safety Briefing Attended/Signed	t: X Yes No		
Project Description:			

On Dale on Ball ave (106+20 to 106+60)

### Scope of Construction Work Monitored/Equipment Used:

Three backhoes

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today the y continued to slowly trench at Ball Ave. I monitored as Steves crew worked on the last 30 ft north of the intersection of Ball and Dale. The trenches were dug with the backhoe and were dug to a maximum of 7 ft depth.

### Approximate Dimensions of Construction Area Monitored/Survey Area:

### Geologic Unit(s) Observed:

The sediment here is primarily sugar sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths. Once we got into the intersection proper the top 3 ft of the sediment was silty fill. Benieth this the sugar sand continued but was most likely disturbed due to a buried storm drain pipe at 14 ft. This area also contained a sink hole at 3 ft depth that extended further into the intersection.

Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

Additional Comments: This is Tara Redinger's daily log

Plan for tomorrow: Continue cross Ball Ave.

Attachments (Y/N): X Yes No

### Photograph Record:

11/20/2019 10:39:43 AM 11/20/2019 1:28:03 PM



East. Sinkhole feature discovered when moved into the intersection at Ball Ave (3 ft depth)



South, intersection of Dale and Ball terminates where cones are sitting in picture.



Project Name:	Stanton energy reliability	Date: 11/21/2019 8:38:49 AM		
Project Location:	Dale Ave and Ball Road,	Weather:		
Monitor(s): dale	exander	Cloudy and cool		
Work Start Time:	0700	Work End Time: 1530		
Construction Con	npany: SE pipeline	Contact(s): Alain Mevers		
Did the (sub)contractors work more than 8 hours (Y/N)?		Yes X No		
Was the Safety Briefing Attended/Signed:		X Yes No		
Project Description	on:			
Station #105+50 to 106+95 and 108+15-108+30				

### Scope of Construction Work Monitored/Equipment Used:

2-Backhoes

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoes excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/21/2019 12:38:37 PM



Bell hole station 105+75



Project Name: Stanton Energy reliability station	Date: 11/21/2019 10:36:52 AM		
Project Location:       On Dale south of Ball 110         Monitor(s):       rrolston	Weather: Partially cloudy cool.		
Work Start Time: 7:00	Work End Time: 3:30		
Construction Company: Southeast Pipeline	Contact(s): Robert.		
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No		
Was the Safety Briefing Attended/Signed:	X Yes No		
Project Description:			

On Dale south of Ball 110+00 to 111+00

### Scope of Construction Work Monitored/Equipment Used:

Three backhoes and shovels

### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today after the tailboard I ,omitored excavation activities with he crew that worked south of Ball Ave. this crew started trenching from site # 110+00 and excavated approximately 40 ft ending around 110+45. Some utilities crossings were observed, water, and electrical around 110+15 which slowed progress. I also spot checked a second machine that was excavating through the Ball/Dale intersection. This area was also partially ,monitored by David.

### Approximate Dimensions of Construction Area Monitored/Survey Area:

### Geologic Unit(s) Observed:

The sediment here is primarily fine grained sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths. Several sections where water and electrical lines crossed were incased by slurry which went down to 2 ft depth.

### Lithologic Description(s):

### **Observations of Paleontological Resources:**

None

Additional Comments: This is Tara Redinger's daily monitoring log.

### Plan for tomorrow:

Continue moving south from Ball road on Dale with the three backhoes.

Attachments (Y/N): X Yes No

### Photograph Record:

11/21/2019 10:36:58 AM



South, start of excavation south of Ball on Dale. Starting at 110+00



Project Name:	Stanton energy reliability	Date: 11/22/2019 9:52:39 AM
Project Location:	Dale Ave and Ball Road;	Weather:
Monitor(s): dale	exander	Clear and sunny
Work Start Time:	0700	Work End Time: 1530
Construction Cor	npany: SE pipeline	Contact(s):
Did the (sub)cont	tractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety B	Briefing Attended/Signed:	Yes No
Project Description	on:	
Station # 106+60 to	o 106+70 and 110+ 50 to 111+00	

Scope of Construction Work Monitored/Equipment Used:

Backhoe

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoe excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

**Observations of Paleontological Resources:** 

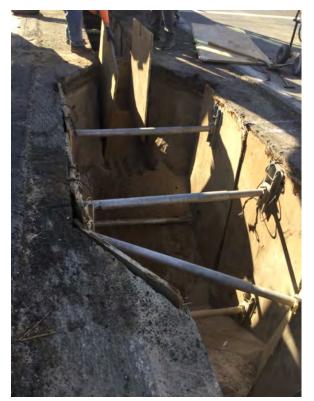
Additional Comments:

Plan for tomorrow: Monitoring as needed on monday

Attachments (Y/N): X Yes No

Photograph Record:

11/22/2019 9:56:21 AM



Bell hole station 106+55



Project Name: Stanton energy reliability station	Date: 11/22/2019 9:55:16 AM			
Project Location: At the intersection of Ball	Weather:			
Monitor(s): jmcelhoes	Sunny and cri. Warmer in afternoon			
Work Start Time: 7:00	Work End Time: 3:30			
Construction Company: Southeast pipeline	Contact(s): Robert			
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No			
Was the Safety Briefing Attended/Signed:	X Yes No			
Project Description:				

At the intersection of Ball and Dale, and south of Ball, (107+50 to 112+25)

#### Scope of Construction Work Monitored/Equipment Used:

#### Backhoe

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today I ,monitored both Steve's on the south side of Ball on Dale ave. The crew in the intersection started at 107 +75 and trenches to a maximum of 9 ft to get around a water main in the middle of the street. By the end of the day they got to 107+90. The second crew started at 111+25 and stopped at 112+00. They trenches with the backhoe down to 7.5 ft max.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

#### Geologic Unit(s) Observed:

The souls at 107+75 are primarily disturbed medium trained sand up to a maximum of 9 ft depth. Here there were several unmarked utilities, and a 13 ft deep water main which proved the disturbed nature of the sediment. The sediment at 111+00 is primarily fine grained sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths. Several sections where water and electrical lines crossed were incased by slurry which went down to 2 ft

#### Lithologic Description(s):

#### **Observations of Paleontological Resources:**

None

Additional Comments: This is Tara Redinger's daily paleo monitoring log for 10/22/2019

**Plan for tomorrow:** Continue finishing up in the intersection, and moving south on Dale past Ball.

Attachments (Y/N): X Yes No

#### Photograph Record:

11/22/2019 10:24 AM



North, start of work in intersection of Dale and Ball. 107+75



Project Name:	Stanton energy reliability	Date: 11/25/2019 10:07:29 AM
Project Location:	Dale Ave and ravenswood	Weather:
Monitor(s): dale	exander	Clear and sunny
Work Start Time:	0700	Work End Time: 1530
Construction Con	npany: SE pipeline	Contact(s): Alain
Did the (sub)cont	tractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety B	Briefing Attended/Signed:	X Yes No
Project Description	on:	
Station #111+10 to	o 111+90 And 112+30 to 112+60	

#### Scope of Construction Work Monitored/Equipment Used:

#### Backhoe

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. 2 backhoes excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

#### **Observations of Paleontological Resources:**

None

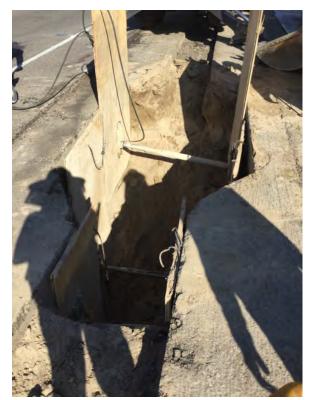
**Additional Comments:** 

Plan for tomorrow: Monitoring as needed

Attachments (Y/N): X Yes No

Photograph Record:

11/25/2019 10:11:33 AM



Bell hole station 112+40



**Project Name:** Stanton energy reliability station

**Project Location:** South of Ball on Dale.

Monitor(s): nlawson

Work Start Time: 7:00

**Construction Company:** Southeast pipeline

Did the (sub)contractors work more than 8 hours (Y/N)?

Was the Safety Briefing Attended/Signed:

#### **Project Description:**

South of Ball on Dale. Between 105+45 and 107+ 50

#### Scope of Construction Work Monitored/Equipment Used:

#### Backhoe

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Attended the tailboard at 7:00, then waited for digging to start south of Dale. Once 5e work area was coned off I primarily monitored Steve 1s crew as they did some cleaning in the northern section of the intersection, and 5en continued completing 5e segment of trench in the center of the intersection. (106+45 to 107+00) They had to go below a large water pipe and several other conduits so the 30 ft of trench that was in the exact center of the intersection went down to approximately 10 ft depth. They were unable to move any further and ended the day by

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

#### Geologic Unit(s) Observed:

The sediment at 107+75 are primarily disturbed medium trained sand up to a maximum of 9 ft depth. Here there were several unmarked utilities, and a 13 ft deep water main which proved the disturbed nature of the sediment. The sediment at 111+00 is primarily fine grained sand with inclusions of layered fine grained sand and silt and some pebble layers no deeper than 2 ft. The cut goes down to 7 ft max and there is very little change in the sand at all depths. Several sections where water and electrical lines crossed were incased by slurry which went down to 2 ft

#### Lithologic Description(s):

#### **Observations of Paleontological Resources:**

None

Additional Comments: This is Tara Redinger's Daily Log for November 25

**Plan for tomorrow:** Continue digging south of Dale with at least two machines.

Attachments (Y/N):

Photograph Record:

Date: 11/25/2019 7:54:29 AM

Weather: Cool and mostly sunny.

Work End Time: 3:30

Contact(s): Robert (lead foreman)

Yes X No

X Yes No



Project Name:	Stanton energy reliability	Date: 11/26/2019 6:44:51 AM
Project Location:	,	Weather: Clear and sunny,cool
Monitor(s): dale Work Start Time:	exander 0700	Work End Time: 1530
Construction Con	npany: SE pipeline	Contact(s): Alain
Did the (sub)cont	ractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety B	riefing Attended/Signed:	X Yes No
Project Description	on:	
Station #111+90 to	and 114+05 tp	

Scope of Construction Work Monitored/Equipment Used:

Backhoes

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Monitoring excavation activities for paleontological resources. Backhoes excavating 28 inch wide and up to 8 feet deep gas pipeline trench.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

Geologic Unit(s) Observed:

Lithologic Description(s):

**Observations of Paleontological Resources:** 

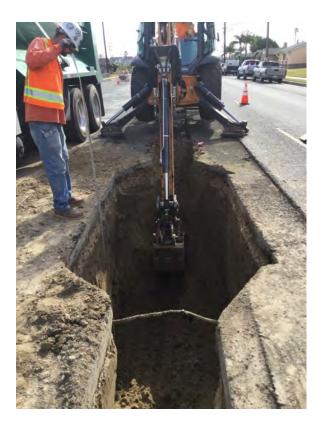
None

Additional Comments:

Plan for tomorrow:

Attachments (Y/N): X Yes No

Photograph Record: 11/26/2019 12:46:12 PM



Bell hole 114+15



Project Name: Stanton energy reliability station	Date: 11/26/2019 8:37:51 AM
Project Location: On Dale between Ball and	Weather:
Monitor(s): nlawson	Cool, clear skies
Work Start Time: 7:00	Work End Time: 3:30
Construction Company: Southeast pipeline	Contact(s): Robert (lead foreman)
Did the (sub)contractors work more than 8 hours (Y/N)?	Yes X No
Was the Safety Briefing Attended/Signed:	X Yes No
Project Description:	
On Dale between Ball and Brentwood (106+75 to 108+85)	

#### Scope of Construction Work Monitored/Equipment Used:

backhoe (3), shovels

#### Monitoring Methods (spot check, screening, bulk, sample collecting, etc):

Today after the tailboard I went down to Ball and Dale to continue monitoring Steve's crew. Half of the crew was potholing while the other half worked with the backhoe. The trench was dug down to 6 ft max except in the bell holes where it was dug to 7 ft.

#### Approximate Dimensions of Construction Area Monitored/Survey Area:

#### Geologic Unit(s) Observed:

trained sand up to a maximum of 7ft depth. The sediment at 108+00 is primarily medium grained sand with inclusions of layered fine grained sand and silt and some asphalt pebbles layers no deeper than 3ft. The cut goes down to 7 ft max in the bell holes and 6 ft in the main trench. The non-disturbed sediments consist of silty sand at 108+50 but slowly transition to loamy soil by 109+50. This sediment has very little stratification or texture, and is generally massive. there is very little change in the sand at all depths. Several sections where water and electrical

#### Lithologic Description(s):

#### **Observations of Paleontological Resources:**

None

Additional Comments:

This is the daily log of Tara Redinger for November 26.

#### Plan for tomorrow:

Weather permitting, trenching will continue down Dale Ave.

Attachments (Y/N):

Photograph Record:

Monitor: Danie | Nolan

Project Name: Stanton Energy Reliability (enter (SERC) Project location (City, State): Stanton, LA Date: 11/15/2019

Project #

Weather: Clear skies, warm

Work Start Time: 07:00 Work End Time: 14:00

Total Monitoring Hrs: 6.5 hrs

PALED WEST

Construction Company: IBL

On-site Contact: Greg (IBE)

Did the (sub)contractors work more than 8 hrs? (X/N)

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 CAT backhoe

#### Project Location and description:

South of Barre Substation, east of Pale Ave.

#### Scope of Construction work monitored (include methods):

IBL uses 450 CAT backhoe to excluste and pothole the van its, impacting Ryfe and fill in a total area of 100ft long, 1.5ft mide, 14ft deep.

#### Geologic Units and Lithology:

Quaternary young allowium (Ryfa; Holocone): dark brown - light gray ish brown, moderately -poorly compacted, moderately sorted, fine-medium quined, subangular-subrounded sands, silts, and clays; impacted at the surface of executions and to approximately 14 ft deep. Fill appears to be backfilled Byfa; impacted at the sulface of excuntions to about 8ft deep.

#### Observation of Paleontological Resources

No paleontological resources were observed or collected.

No Quaternary older alluvium was impacted during vanit potholing.

#### Additional Comments:

None



#### Plan for Tomorrow:

No excavations are planned for tomorrow. On Monday, vault excavations are expected to begin.

Total Time Work Halted or Redirected: Nont

Additional Pages attached? Yes	Ø	No	
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Photo Record: PIG1115 - DMN-01: Vault petholing

Monitor: Daniel Nolan	Date: 11/16/2019
Project Name: Environmental Intelligence Stanton Energy Reliability Center (SERC)	Project #
Project location (City, State): Stanton, CA	Weather: clear skies, narm
Work Start Time: 7 00 Work End Time:	12:15 Total Monitoring Hrs: 5.25 hrs
Construction Company: ILB	On-site Contact: Greg (ILB)

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: Yrs

#### Equipment Used:

450 CAT Backhoe

#### **Project Location and description:**

South of Barre Substation, east of Pale Ave

#### Scope of Construction work monitored (include methods):

ILB used 450 LAT backhoe to excavate the vault, impacting Qyfa in a total area of 20ft long, 10ft wide, and 14ft deep.

#### Geologic Units and Lithology:

Ruaternary young alluvial for deposits (Ryfa; Holocene): brown -durk brown, moderately. well sorted, poorly-moderately compacted, subranded, medium-fine grained sands, silts, and clays; impacted at the suiface of excavations to 14ft deep.

#### **Observation of Paleontological Resources**

```
No paleontological resources were observed or collected,
No Quaternary older alluvium was impacted during vault
excavations.
```

#### Additional Comments:

None

PALED WEST



#### Plan for Tomorrow:

ILB will resume vault excavations for the next vault tomorrow.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes 🗌 No 📝

Photo Record:

PIG1118-DMN-01: Vault excavations

Monitor: Daniel Nolan (Palco Solutions) Date: 11/14/2019

Project Name: Stanton Energy Relinbility Center Project # (SERC) Project location (City, State): Stanton, CA Weather: parhally cloudy, cool/warm

Work Start Time: 07:00 Work End Time: 11:45 Total Monitoring Hrs: 4,75 hrs

Construction Company: ILB

On-site Contact: Greg Tellez (ILB Greman)

PALED

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: Yes

Equipment Used:

450 LAT backhoe

#### Project Location and description:

South of Barre Substation, east of Dale Ave

#### Scope of Construction work monitored (include methods):

ILB used 450 (AT backhoe to excavate the vault, impacting Ryta in a total area of 20ft long, 10ft wide, and 14 Ft deep.

#### Geologic Units and Lithology:

Quaternary young alluvial for deposits (Qyta; Holocene): brown/dark browngrayish brown, mederately - well sorted, goorly-moderately compacted, subrounded medium-fine grained sands, silts, and clays; impacted at the surface of excavations to 14ft deep.

#### **Observation of Paleontological Resources**

No paleontological resources were observed or collected. No anaternary older alluvium was impacted during van It excavations.

#### Additional Comments:

None



#### Plan for Tomorrow:

Excavations for telecom boxes have been Postponed due to rain tomorrow, Excavations will continue at a later date. Total Time Work Halted or Redirected: None

Additional	Pages attached? Yes	s	No	V
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Photo Record:

PIGIIIG - DMN-DI: Vault excavations

# PALEDWEST

# **Daily Monitoring Report - Paleontology**

Monitor: Paniel Nulan (Paleo Solution:) Date: 11/21/2019

Project Name: Environmental Intelligence Project #

(SERL)

Project location (City, State): Stanton, CA Weather: Partially cloudy sturs, cool

Work Start Time: 01:00 Work End Time: 10:45 Total Monitoring Hrs: 3.75 hrs

Construction Company: ILB

On-site Contact: Greg Tellez (ILB foreman)

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: Yes

**Equipment Used:** 

450 CAT Backhoe

#### **Project Location and description:**

South of Barre Substation, east of Dale Ave

#### Scope of Construction work monitored (include methods):

ILB USEd 450 (At backhoic to excavate the trench, impacting Qyfa in an area of 50 ft long, 2 ft wide, and 6-12 ft deep.

#### Geologic Units and Lithology:

Quaternary young alluvial fan deposits Layfa; Holocene): brown/dark brown, moderately sorted, moderately compacted, subrounded, medium-fine graines sands, si Its, and clays; impacted at the surface of exequations to 12 ft deep.

#### **Observation of Paleontological Resources**

```
No paleontological resources were observed or collected.
No Quaternary older alluvium was impacted during trench excavations.
```

#### Additional Comments:

None



Plan for Tomorrow: ILB plans to resume trench excavations for Tomorrow. The trench is only expected to be 6ft deep up until the vault, in which the trench will reach 12ft in depth.

Total Time Work Halted or Redirected: None

Additional Pages attached? Yes 🗌 No 🔀

Photo Record:

PIG1121-DMN-01: trench excavations

Monitor: Fan. el Nolan (Pales Solutions)	Date: 11/25/2019
Project Name: Environmental Intelligence Stanton Energy Remability Center (SERC)	Project #
Project location (City, State): Stanton, (A	Weather: Partially cloudy, cool
Work Start Time: 7:00 Work End Time:	Total Monitoring Hrs: 6 hrs

Construction Company: ILB

On-site Contact: Greg Tellez (ILB foreman)

PALED

FST

Did the (sub)contractors work more than 8 hrs? (Y/N)

Safety Briefing Attended and Signed: Yes

#### **Equipment Used:**

450 LAT backhoe

#### Project Location and description:

South of Barre Substation, east of Pale Ave

#### Scope of Construction work monitored (include methods):

ILB used 450 LAT backhoi to excavate the trench, impacting Qyfa in an area of 70ft long, 2ft mide, and 6-12ft deep.

#### Geologic Units and Lithology:

Quaternary young allowal fan deposits (Ryfa; Holocene): brown, mederately soited, moderately compacted, subrounded, medium-fine grained sands and silts; impacted at the surface of executions to 12 ft deep.

#### **Observation of Paleontological Resources**

No paleontological resources nere observed or collected. No Quaternary Older alluvium was observed during trenching.

#### Additional Comments:

None



ILB plans to resume trenching exavations tomorrow. Expected depths up to 12 ft.

Total Time Work Halted or Redirected: None

Additiona	Pages	attached?	Yes	No	V
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Photo Record:

PIG1125-DMN-01: trench excavations

PALEO

WEST

haeology



Monitor: Daniel Nolan (Palec Solutions) Project Name: Environmental Intelligence Stanton Energy Reliability Center (SERC) Project location (City, State): Stanton, (A

Date: 11/26/2019

Project #

Weather: partially cloudy, cost

Work Start Time: 7:00 Work End Time: 9:45

Construction Company: ILB

On-site Contact: Greg Tellez (ILB Foreman)

Total Monitoring Hrs: 2.75 hrs

Did the (sub)contractors work more than 8 hrs? (Y/X)

Safety Briefing Attended and Signed: Yes

#### **Equipment Used:**

450 LAT backhop

#### **Project Location and description:**

south of Barre substation, cast of Dale Ave

#### Scope of Construction work monitored (include methods):

ILBush 450 (At backhos to excavate the trench, impacting Byfa in an area of 50ft long, 2ft mide, and 6-12ft deep.

#### Geologic Units and Lithology:

anaternary young allovial fan deposits (ay fa i Holocene): brown, moderately soithe, moderately to poorly compacted, subrounded, medium - fine grained sands, silts, and clays, impacted at the surface of executions to iZft deep.

#### **Observation of Paleontological Resources**

No paleontological resources were observed or collected.

No Quaternary older alluvium was observed elaring trenching excavations.

#### Additional Comments:

None



#### Plan for Tomorrow:

ILB plans to resume trenching tomorrow, assuming there is no rain. Trenching is not expected to go deeper than 10ft. Next week, trenching west out of the vault (expected depth to 12 Ft) and communication boxes excavations (expected Total Time Work Halted or Redirected: None depth to 10 ft) are expected to begin.

Additional Pages attached? Yes 🗌 No 💟

Photo Record:

PIGII26-DMN-01: trenching excavations

Attachment 8 – ELEC-1

# NIV 5

#### MEMORANDUM - DCBO APPROVAL

DATE:	November 26, 2019
TO:	Engineering Manager Stanton Energy Reliability Center, LLC/W Power, LLC
FROM:	John Moffatt, PE, Electrical Engineer NV5, Inc. John.Moffatt@nv5.com 760.556.8373
CC:	Eric Rodriguez, Lead Engineer NV5, Inc.
SUBMITTAL:	SERC_16-AFC-01_ELEC-1-1.0_X1_UG & D.BANK RCWY PLANS_191106_PCF

#### **MEMORANDUM:**

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

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

Digitally signed by John Moffatt SERC\_16-AFC-01 Reason: Reviewed PEVIEWED for Code Compliance Date: 2019.11.26 09:00:38 -08'00'



#### MEMORANDUM – DCBO APPROVAL

DATE: November 7, 2019

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

FROM: Alan N. Vallow, P.E., Senior Electrical Engineer NV5, Inc. <u>Alan.Vallow@nv5.com</u> 209.329.0765

CC: Eric Rodriguez, Lead Engineer NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_ELEC-1-SI-021-PEI Rev1\_BOP Heat Trace\_191023\_PCF

#### **MEMORANDUM:**

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

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

**Digitally signed** by Alan N. Vallow, SERC\_16-AFC-01 PE --- REVIEWED ----**Reason: Reviewed** For Code Compliance Date: 2019.11.07 10:31:44 -08'00'

# NIV 5

#### MEMORANDUM – DCBO APPROVAL

DATE: November 29, 2019

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

FROM: Alan N. Vallow, P.E., Senior Electrical Engineer NV5, Inc. <u>Alan.Vallow@nv5.com</u> 209.329.0765

CC: Eric Rodriguez, Lead Engineer NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01-ELEC-1-SI-032 ADD OF OUTLETS\_191114\_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-APC-01 -- REVIEWED --There are used only for conformation to the 2016 Contractor and Applend of compounding to the 2016 Contractor and Applend of Compounding for compounding to summed Fulliarcens or compoundi

Digitally signed by Alan N. Vallow,

Reason: Reviewed For Code Compliance Date: 2019.11.29 07:54:57 -08'00' Attachment 9 – GEN-2 Master Drawing List

Attachment 9 has been deliberately left blank in this reporting period

Attachment 10 – GEN-3 CBO Payment



Home Accounts Payments Transfers Check Services Tools

#### view US Vere

Use this page to view a US V/ire

#### View Payment History

#### **Payment Information**

Status	Confirmed
Confirmation Number	IMAD:1203L4B74B1C000040
Payment Number	50666472
Debit Account	SERC OP - *****6538
Debit Amount	124,539 15 USD
Value Date	12/03/2019
Send Date	12/03/2019
Frequency	One-Time Only
Reference for Recipient	Invoice 140640
Details of Payment	Stanton Energy Reliability Center Invoice#140640

**Ordering Customer** 

#### **Recipient Information**

Recipient	NV5 Inc.
	200 S Park Road STE 350 Hollywood, FL 33021-8798
Recipient Bank	BANK OF AMERICA, N.A., NY
	NEW YORK NY UNITED STATES

#### Options

Intermediary Bank

Receiving Bank

Bank to Bank Information

<u>Cancel</u>

Privacy Notice | Online Privacy Statement

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Help

Timeout: 0:14:56

Attachment 11 – GEN-6 Special Inspectors



PHONE 208-288-6100 FAX 208-288-6199

### FIELD REPORT

REPORT DATE:	November 18, 2019	TRIP DATE:	October 30 – November 1, 2019
CLIENT:	Stanton Energy Reliability Center		
CONTACT:	Tim Bofman	WEATHER:	Sunny 75-80 deg F
PROJECT:	Stanton Energy Reliability Center		
LOCATION:	Stanton, CA		
POWER REP.:	Joe Bondank		
TRIP PURPOSE:	Electrical Construction Observation	on	

#### CONSTRUCTION AREAS OBSERVED:

Activity No.	Description
1	Aboveground Raceway Systems – PDM/CM enclosure area; GSU area pipe rack & cable
	tray systems; and BOP equipment skids.
2	Underground to Aboveground Raceway System Transitions – South roadway at RVSS;
	at OH steel structure just north of NH3 area; and at equipment skids.
3	Roxtec openings on GE package equipment.
4	Abovegrade connections of grounding conductors to equipment.
5	Indoor Raceway Systems in Packaged Enclosures - SPM; PDM; & CM.

#### **DISCREPANCIES:**

Activity No.	Description
1	None noted.

#### NOTES:

Contractor added a wrap material to rigid steel stub-ups for additional protection from soil corrosion. The wrap was not specified and is an example of conscientious and quality electrical construction. Contractor concerned about compression of cables entering Roxtec openings. SERC/ARB/Electrical Sub/POWER participated in call with Roxtec technical support to understand how to install cables through Roxtec openings and Roxtec dismissal of concern about cable compression due to its inherent design.

#### CONCLUSION:

Construction observation during this site visit is in conformance with the design intent.

#### FIELD REPORT

#### PHOTOS:



CM Module Raceway



CM Receptacles

#### FIELD REPORT



# Grounding Connection



**MCC Ethernet Connection** 

#### **FIELD REPORT**



**Raceway Under PDM** 



UG to OH Raceway Transition

Attachment 12 – Gen-7 Discrepancy

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

Attachment 13 – GEN-8 Final Inspections

< Attachment 13 has been deliberately left blank in this reporting period >

Attachment 14 – SOIL&WATER-4 Water Use

# MONTHLY WATER USAGE LOG

November 2019

# Meter 6917650, 10711 Dale Street, Stanton CA

_		
Date	Reading	Usage CF
10/28/2019	89670	560
10/29/2019	90110	440
10/30/2019	90850	740
10/31/2019	91310	460
11/1/2019	91940	630
11/4/2019	92410	470
11/5/2019	92840	430
11/6/2019	93290	450
11/7/2019	93640	350
11/8/2019	93970	330
11/11/2019	93970	0
11/12/2019	94330	360
11/13/2019	94550	220
11/14/2019	94800	250
11/15/2019	95090	290
11/18/2019	95470	380
11/19/2019	96210	740
11/20/2019	96340	130
11/21/2019	96480	140
11/22/2019	96730	250

11/25/2019	97160	430
11/26/2019	97500	340
11/27/2019	97600	100
11/28/2019	97600	0
11/29/2019	97600	0

Total	8490
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Attachment 15 – SOIL&WATER-8 Encroachment Permit

#### City of Stanton Department of Public Works

: . .

. .

						10 .	- An	
Project Start Date: 9/1/19					PERMIT N	o. <u>19-1</u> °	583	
Project End Date: 4/1/20	-							
APPLICATION FOR:				**ANY/ALL SUBCC				v
EXCAVATION PERMIT				VALID CITY OF ST			_	
STREETS AND SIDEWALKS PERMIT				***WHEN CALLING		PECTION, PLEAS	SE	
I STRUCTURES IN STREETS PERMIT				SUBCONTRACTO	R:	v		
STREET LIGHTS AND POLES PERMIT				BUSINESS LICEN				
LOCATION/DESCRIPTION OF WORK:	ER TIE-II	N		LICENSE NUMBEI	R:			
					<del></del>			
NAME NICK TASICH: ARB, INC.				·			· · · · · · · · · · · · · · · · · · ·	
(PLEASE PRINT (Name of Person, Firm, or	Corporation	for whom	Application is made)					
CITY BUSINESS LICENSE NO. APPLIED				"NOTE: ALL UTILITY M	ARKINGS	AUST BE DONE W	Лтн	
Hereby makes application to perform the followi	ng described	d work.		CHALK PAINT ONLY. TH REQUIRED TO PRESSUR				
NO SKETCH, PICTURE OR PLAN IS SUBMITT	ED:			MARKINGS AT THE CON MANNER ACCEPTABLE	APLETION	OF THE PROJECT	· · · · ·	
SEE ATTACHED SKETCH PLANS CONSISTIN	G OF		SHEETS	NOT ACCEPTABLE.		T. BLACK PAINT	12	
INSTALLATION	LENGTH	WIDTH	DESCRIPTION (TYPE	OF SURFACE, DEPTH)	FEES	INSPECTION	APV.	
DRIVEWAY(RESIDENTIAL / COMMERCIA	L) 867 SF		NEW APPROACH A	F8230 PACIFIC SIDE		DATE		
CURB ONLY					(	ITY OF 8	TANT	QN
CURB AND GUTTER	8'	1.5'	GUTTER TIE-IN TO	NEW APPROACH		PA	0	
CROSS GUTTER				-				
STORM DRAIN						NOVO	2019	- Ali
SIDE WALK							-	66.070.11 - 47
PAVEMENT					AUTHO	RIZATION#	Cradia	1005384
EXCAVATION	50'	6' NE	AT CUT WITH SHORI	NG BOX AND PLATED			\$45800	
							<u> </u>	11/5/19
						4.(	<u> .</u>	
			CITY STAFF USE ONLY			Total: 1455	.00	
ADDITIONAL COMMENTS: Contact	cit	x ov	ior start of	work. Mus	st use	2 APUL		
	inking (	into	gener manho		1.4			
Janary J.	7	$\overline{\Lambda}$		10 <u>h</u>				
	X	/			Int	) ald		
APPROVEDDepartment of Publi	works - En		lvision		1151 Date	2019		
		Janooning Di						J
In consideration of the granting of this permit it Applicant from any liability or responsibility for s	is further agr	eed by the	applicant that the City of Sta	anton and any Officer or Emp	loyee here o	of shall be saved ha	rmless by the	
under the terms of this application and the permit acknowledge that I have read this application and	or permits wh	ich may be	granted in response, thereto, a	and that all of said liabilities a	re bereby as	sumed by the Applic	ant. Thereby	,
certify that I am properly registered with and/or l	lcensed as rec	uired by th	e City of Stanton and/or State	of California or that I am the	legal owner	of the shave descri	hed property	
and I certify that in the performance of the work f "I certify that in the performance of the work for	or which this p which this per	permit is issued	ued shall not employ any perso I, I shall not employ any perso	on in violation of the workmen' n in any manner so as to becom	s compensat re subject to	ion laws of the State the workmen's comp	of California ensation law:	, .
of California."								
SIGNED		<u>`</u>	TSILH		PHONEN	ю. <u>310.874.</u> 9	9612	-
MAILING ADDRESS 26000 COMME	RCENTE	RE DRI	VE, LAKE FORES	T, CA 92630	<u>city_L/</u>	KE FORES	T	
		RMIT				REQUIRED		
WHEN APPRO NOTE: The application shall make all neces		ements ar	ıd be responsible	Call the Departmen Engineering not lat				C000,444.00
for the moving of poles, fire hydrants, and o				day on which you p	olan to do ti	ne work at (714) 89	0-4205.	
				No faxes will be ac Job at all times.	ceptea. II	us permit must be	on me	

PUBLIC WORKS

# Public Works Encroachment Permit Standard Conditions of Approval

- The Permittee must use chalk paint to mark out all utility markings. The project may be shull down if the City discovers chalk paint was 1. 2.
- The Permittee must remove ALL utility markings in the project area after the conclusion of work (black paint will not be acceptable). The
- utility markings must be pressured washed off (or other approved method) and not damage any existing surfaces. This includes any Work hours shall be Monday through Friday 7:00am - 6:00p, except for major or heavily used streets where work hours shall be 9:00am-3.
- 4.
- The Permittee must call the City to schedule Inspection of work at least 24 hours prior to the start of work at (714) 890-4205.
  - Items requiring Inspection Include, but are not limited to the following: traffic control, excavation backfilling, temporary resurfacing, A copy of the encroachment permit shall be kept at the site of work and made available to any law enforcement or Public Works b.
  - No storage of vehicles/equipment/materials is permitted on any City streets overnight.
- 6.
- All work done in the public ROW shall be performed in accordance with the Standard Specifications for Public Works Construction Steel Plates will be utilized for utility trenching and shall be slip resistant, pinned, recessed, and flushed with the existing
- A copy of the notification to affected Stanton Residents and Businesses must be submitted to the City for approval prior to start of work. 7. Notices must mention dates and times of expected power outages, water shutoffs, areas of limited access (if applicable).

  - b. One 48 hour notice is required.

5.

8

- No Parking notices must be posted 48 hours in advanced to be enforceable. 9.
- The Permittee is responsible for taking photographs of all pre-existing conditions and all signage and traffic control placed in the City of The Permittee will protect in place all existing facilities in the project area and be responsible for repairing them to match the existing 10.
- Any damage to concrete segments shall be removed and replaced to the nearest full slab at the direction of the City inspector. 11. 12. All driveways, ingress, and egress points must be left open during the course of the project.
- A minimum of one lane of traffic must be available in each direction at all times.
- 14. Permittee shall maintain BMP's per the City's standards.

- 15. The Permittee is responsible for removing all graffiti that occurs in the project area during construction.
- A contractor is required to submit to the City a valid certificate of Workman's Compensation insurance prior to the issuance of a Public All contractors performing work in the City will be required to have a business license prior to the issuance of a Public Works Permit. 17. 18.
- One public works permit will be issued for each job site, which is defined as one project in which work performed within one city block as defined by the California Streets and Highway Code, in which identical work is performed at one time. Any exception will be subject to the Final inspection and City approval is required to close the permits and release all bonds. 19. Additional permit conditions may be applicable at the discretion of the City Engineer. 20.

# Additional Comments for Utility Companies and Public Agencies

- 1.
- With the exception of emergency cuts, utility companies and public agencies, or their contractors, shall obtain Public Works Permits for all excavations, backfilling and re-surfacing within the public right-of-way, prior to commencement of work. Emergency cuts are defined as emergency repairs necessary to protect the public health, safety and welfare in which time is of the 2. essence. Emergency cuts by utility companies or public agencies may be performed without prior approval, provided that a Public Works Permit is obtained as soon possible no later than twenty-four (24) hours after the emergency work. In the event the emergency work is performed afterhours when City Hall is closed, a permit must be obtained the next business day. The public works permit fee for the
- Utility companies or public agencies shall submit Public Works Permit applications and plans to the Engineering Division prior to issuance 3.
- of permits. Emergency repairs do not require prior plan approval. All emergency excavation, backfill and re-surfacing shall be in or permits. Emergency repairs do not require prior pran approval. All emergency excavation, backing and re accordance with Standard Specifications for Public Works Construction (Greenbook) and City of Stanton Standards, All work shall be planned and carried out so that there will be the least possible inconvenience to the traveling public. Traffic control plans 4.
- must be submitted to the City of Stanton for approval prior to beginning work (must follow the California Joint Utility Traffic Control Manual or WATCH Manual). Traffic control plans prepared by a registered Traffic Engineer may be required, at the discretion of the City Engineer. 5.
- All repair work associated with the permit must be completed within two weeks of the start date of the permit, unless otherwise approved by the City. Work not completed within this time frame may be require a separate encroachment permit and payment of fee. In addition to applying for Public Works Permits, utility companies shall provide a monthly list of all work performed in the City. Said list 6. shall be submitted to the City Engineering Division at the end of each month and shall include the Permit numbers, dates the work was

# 7800 Katella Avenue • Stanton, California 90680 • (714) 379-9222

BECELVE SEP 1 9 2019	J						
BY:		Dep	City of Stantor artment of Public	: Works	PERMITNO	9-1	4
act End Date: 09/29/2020				**ANY/ALL SUBCO			
EXCAVATION PERMIT				VALID CITY OF STA			
STREETS AND SIDEWALKS PERMIT				***WHEN CALLING GIVE PERMIT NUM		ECTION, PLEASE	Ę
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STREET LIGHTS AND POLES PERMIT				LICENSE NUMBER	-08		
ATION OF WORK: 10670 Dale Ave	(Refere	ence TD	# 1431361)	2.32.792 HOMBER			
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southern California Edison-	Shirley	/ Sarmie	ento				
(PLEASE PRINT (Name of Person, Firm, or C	Corporation	for whom A	pplication is made)				
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DRIVEWAY (RESIDENTIAL / COMMERCIAL)	}		CITY OF S	TANTON		DATE	
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In consideration of the granting of this permit it is further agreed by the applicant that the City of Stanton and any Officer or Employee there of stail be saved harmless by the Applicant from any liability or responsibility for any accident, loss or damage to persons or property, happening or occurring as the proximite result of any of the work undertaken under the terms of this application and the permit or permits which may be granted in response, thereto, and that all of said liabilities are bereby assumed by the Applicant. I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all ordinances and State laws regulating building construction. I hereby certify that I am properly registered with and/or licensed as required by the City of Stanton and/or State of California or that I am the legal owner of the above described property, and I certify that I a the performance of the work for which this permit is issued, I shall not employ any person in violation of the worknen's compensation laws of the State of California."

SIGNED	Samo	PHONE NO. 949-701-0528
MAILING ADDRESS_1851 W. Valencia Drive		CITY Fullerton

THIS APPLICATION BECOMES A PERMIT WHEN APPROVED

NOTE: The application shall make all necessary arrangements and be responsible for the moving of poles, fire hydrants, and other surface and subsurface objects. INSPECTION IS REQUIRED Call the Department of Public Works - Division of Engineering not later than noon on the day prior to the day on which you plan to do the work at (714) 890-4205 No faxes will be accepted. This permit must be on the job at all times. Attachment 16 – STRUC-1 CBO Approvals

# NIV 5

# MEMORANDUM – DCBO APPROVAL

DATE:November 17, 2019TO:Engineering Manager<br/>Stanton Energy Reliability Center, LLC/W Power, LLCFROM:Alan Ho, S.E., Senior Structural Engineer<br/>NV5, Inc.<br/>Alan.Ho@nv5.com<br/>916.346.8866CC:Eric Rodriguez, Lead Engineer<br/>NV5, Inc.SUBMITTAL:SERC\_16-AFC-01\_STRUC-1-26.0\_TURBINE MONORAIL \_191106\_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: 2019.11.17 17:55:55 -08'00'

# NIV 5

# MEMORANDUM – DCBO APPROVAL

DATE:November 17, 2019TO:Engineering Manager<br/>Stanton Energy Reliability Center, LLC/W Power, LLCFROM:Alan Ho, S.E., Senior Structural Engineer<br/>NV5, Inc.<br/>Alan.Ho@nv5.com<br/>916.346.8866CC:Eric Rodriguez, Lead Engineer<br/>NV5, Inc.

SUBMITTAL: SERC\_16-AFC-01\_STRUC-1-42.0\_AFCU SKID & CALCS\_191115\_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

This review is intended only to verify conformity to the 2010 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: 2019.11.17 17:47:17 -08'00' Attachment 17 – TRANS-1 Permits

# **TRANS-1** Roadway Use Permits and Regulations November 2019

- 1. Crated Machine Center delivered on 9/23/19 10/23/19
  - City of San Bernardino WL19-00666
- 2. Frame Module 9/24/19 9/26/19
  - City of Stanton TPO-553
- 3. Crated Machine Center delivered on 9/23/19 9/25/19
  - City of Stanton TPO-550
- 4. Crated Machine Center delivered on 10/02/19 10/04/19
  - State of California e19-088377

Attachment 18 – Safety Inspection Report



# SERC – PSC MONTHLY SAFETY INSPECTION COMPLIANCE REPORT NOVEMBER 2019

The following information for the SERC Project safety inspection and compliance to the site as required by CEC, CBO and Wellhead in the month of November 2019.

We have been in compliance with all safety policies and procedures on the SERC project. Personnel have been participating in our Personal Safety Commitment observation program and stop work responsibility has been a big focus to our constantly changing safety culture. We have had no incidents and/ or Injuries to report this period.

We have been processing a number of new Personnel for ARB, our Sub-Contractors and Inspection Personnel for Wellhead through the SERC WEAP Orientation and SERC Site specific Safety training. Parking passes for all craft workers will continue for established parking at the Bethel Church off of Dale Street and Admin passes for the Pacific St. parking lot. Parking there has been good and the effort has been closely monitored and coordinated.

We have started PSC/ARB's "Finish Strong- Start Strong Safety" Series Program and will continue it through the months of November, December & January in an effort to try and lessen the trend of workers getting hurt around the holiday season. This is a Nine (9) week series of safety topics just to get our Personnel re-focused on the project. The following have been discussed and shared through the month of November, Communications, Evacuation Procedures, Alarms & Locations, Finish Strong/ Start Strong- Pre Job Planning – STAR Card, Finish Strong/ Start Strong- Hand Safety as the topics in our all hands safety meetings for the month of November 2019. We have applied special emphasis on being aware of other Crafts in your work areas. We are also constantly emphasizing the use of spotters at all times especially around the overhead power lines due to the close proximity of these lines and the tightness of the project location. A lot of activity on the project with manlifts, forklift, overhead work and cranes. The Triple 9 Crane has been dismantled and removed from the Project site and FAA has been notified. All Personnel have coordinated these activities very well and communications amongst the craft has been great. We continue to stress to all our Personnel to stay focused, keep aware of your surrounding and do not get complacent.

We have had no First Aids, no near misses, no recordables or loss time Injuries to report for this month.

Tim Draper, ARB, Inc. Safety Manager, SERC Project Safety <u>tdraper@prim.com</u> (949) 678-1643 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

#### EXTERNAL EMAIL

EMLCFM 01408B USAS 11/15/19 11:38:51 A190280441-13B RNEW NORM POLY LREQ

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Ticket: A190280441 Rev: 13B Created: 11/15/19 11:38 User: DIRECT Chan: WEB

Work Start: 11/15/19 11:38 Legal Start: 11/15/19 11:38 Expires: 12/13/19 23:59 Response required: N Priority: 2

Excavator Information Company: ARB, INC. Co Addr: 26000 COMMERCENTRE DRIVE City : LAKE FOREST State: CA Zip: 92630 Created By: NICHOLAS TASICH Language: ENGLISH Office Phone: 949-598-9242 SMS/Cell: Office Email: NTASICH@PRIM.COM Site Contact: RUBEL MARTINEZ Site Phone: 661-343-1481 Site SMS/Cell: Site Email:

Excavation Area State: CA County: ORANGE Place: STANTON Zip: Location: Address/Street: 10711 DALE AVE : X/ST1: MONROE AVE : AREA BOUNDED E/BY DALE AVE, S/BY APPROX 305FT N/OF N/INTER OF MONROE : AVE, W/BY APPROX 1397FT W/OF DALE AVE, N/BY APPROX 441FT N/OF N/INTER : OF MONROE AVE;

Delineated Method: WHITEPAINT Work Type: INSTALL UGRND UTIL, BRIDGE WORK, WALL WORK Work For : WELLHEAD ELECTRIC Permit: 16-AFC-01 Job/Work order: 1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N Lat/Long Center Generated (NAD83): 33.807366/-117.989592 33.807418/-117.984107 : 33.806196/-117.989581 33.806248/-117.984096 Excavator Provided: 33.806648/-117.984594 33.807001/-117.984598

: 33.806951/-117.989093 33.806613/-117.989092

Map link:

https://newtin.digalert.org/newtinweb/map\_tkt.nap?TRG=6Az66q5xw6p0qAo-z

#### Comments:

\*\*RESEND\*\*UPDATE ONLY-WORK CONT PER NICK TASICH--[JLL 02/15/2019 10:37:32 AM] \*\*RESEND\*\*REQUEST REMARKS FROM ALL-WORK CONT W/SIDE TO APPROX 100FT W/OF THE

W/SIDE OF DALE AVE (TO FENCE LINE) FRM APPROX 305 N/OF THE N/INTER OF MONROE AVE N/TO APPROX 441FT N/OF MONROE AVE. PER NICK TASICH--[JLL 02/15/2019 10:38:02 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 03/14/19 13:21] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 04/10/19 07:48] \*\*RENEW TICKET\*\* WORK CONTINUING PER JOSH KRAHL--[DIRECT 05/02/2019 08:52 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 05/20/2019 01:16 PM1 \*\*RENEW TICKET\*\* WORK CONTINUING PER THOMAS JIMENEZ--[DIRECT 06/12/2019 02:20 PM1 \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 07/08/2019 07:50 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 08/01/2019 10:37 AM 1 \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 08/28/2019 10:40 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER JOSHUA KHAHL--[DIRECT 09/24/2019 07:16 AM ] \*\*RENEW TICKET\*\* WORK CONTINUING PER JOSHUA KHAHL--[DIRECT 10/21/2019 09:20 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 11/15/2019 11:38 AM] Members: ATTDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929 GAR01 C/OF GARDEN GROVE-WATER LES RUITEMSCHILD 714-290-8986 714-577-5011 MWD05 METROPOLITAN WATER CONTROL ROOM SCG28T SC GAS BREA -TRANSMISSION SCG2XN SC GAS - GARDEN GROVE ADAM JUAREZ 714-634-3196 LEAD DISPATCHER - CHUCK 800-603-7060 SCW2M GOLDEN STATE WATER - GARDENA DAVID CATHCART 310-660-0320 SO CAL WATER(GOLDEN ST WTR) SCW2P GILBERT ESTRADA 562-547-7073xCELL UCHTRW C5 UTIL/SPECTRUM GG - CATV SPECTRUM DAMAGE ONLY 844-780-6054 USCE03 UTILIQUEST 4 SCE-NO OR COAST SC EDISON PERSONNEL 800-611-1911

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#### EXTERNAL EMAIL

EMLCFM 00611B USAS 11/05/19 08:38:22 A190280541-12B RNEW NORM POLY LREQ

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Ticket: A190280541 Rev: 12B Created: 11/05/19 08:38 User: DIRECT Chan: WEB

Work Start: 11/05/19 08:37 Legal Start: 11/05/19 08:38 Expires: 12/03/19 23:59 Response required: N Priority: 2

Excavator Information Company: ARB, INC Co Addr: 26000 COMMERCENTRE DRIVE City : LAKE FOREST State: CA Zip: 92630 Created By: NICK TASICH Language: ENGLISH Office Phone: 310-874-9612 SMS/Cell: 310-874-9612 Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ Site Phone: 661-343-1481 Site SMS/Cell: Site Email:

Excavation Area State: CA County: ORANGE Place: STANTON Zip: Location: Address/Street: 10711 DALE AVE : X/ST1: STANDUSTRIAL ST : : IN REAR OF ADDRESS : \*\* CALL WITH ETA \*\*

Delineated Method: WHITEPAINT Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION Work For : WELLHEAD ELECTRIC Permit: 16-AFC-01 Job/Work order: 1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long Center Generated (NAD83): 33.808179/-117.985005 33.808186/-117.984017 : 33.806210/-117.984990 33.806217/-117.984002 Excavator Provided:

Map link: https://newtin.digalert.org/newtinweb/map tkt.nap?TRG=7BBoEiFr4p9i2o4-f

Comments:

\*\*RESEND\*\*UPDATE ONLY-WORK CONT PER NICK TASICH--[WEBUBW 02/22/19 09:28] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:14] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:18] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 04/16/19 08:45] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 05/07/2019 08:58 AM]

\*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 05/29/2019 07:57 AM ] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 06/24/2019 06:53 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 07/19/2019 07:55 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 08/15/2019 11:48 AM ] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 09/10/2019 02:55 PM1 \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 10/08/2019 07:47 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 11/05/2019 08:38 AM] Members: ATTDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929 GAR01 C/OF GARDEN GROVE-WATER MWD05 METROPOLITAN WATER 714-290-8986 LES RUITEMSCHILD CONTROL ROOM 714-577-5011 SCG28T SC GAS BREA -TRANSMISSION ADAM JUAREZ 714-634-3196 SCG2XN SC GAS - GARDEN GROVE LEAD DISPATCHER - CHUCK 800-603-7060

SCW2MGOLDEN STATE WATER - GARDENADAVID CATHCART310-660-0320SCW2PSO CAL WATER(GOLDEN ST WTR)GILBERT ESTRADA562-547-7073xCELLUCHTRW\_C5 UTIL/SPECTRUM GG - CATVSPECTRUM DAMAGE ONLY844-780-6054USCE03 UTILIQUEST 4 SCE-NO OR COASTSC EDISON PERSONNEL800-611-1911USCETT84SE UTIL 4 SCE TRNS TELEC-FIB TCC800-655-8844

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Work Start: 11/05/19 08:37 Legal Start: 11/05/19 08:38 Expires: 12/03/19 23:59 Response required: N Priority: 2

Excavator Information Company: BILL'S BACKHOE Co Addr: 13203 BARLIN AVE City : DOWNEY Created By: NICK TASICH Office Phone: 310-874-9612 Office Email: NTASICH@PRIM.COM Excavator Information State: CA Zip: 90242 Language: ENGLISH SMS/Cell: 310-874-9612

Site Contact: RUBEL MARTINEZ Site Phone: 661-343-1481 Site SMS/Cell: Site Email:

Excavation Area State: CA County: ORANGE Place: STANTON Zip: Location: Address/Street: 10711 DALE AVE : X/ST1: STANDUSTRIAL ST : : IN REAR OF ADDRESS : \*\* CALL WITH ETA \*\*

Delineated Method: WHITEPAINT Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION Work For : WELLHEAD ELECTRIC Permit: 16-AFC-01 Job/Work order: 1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

Lat/Long Center Generated (NAD83): 33.808179/-117.985005 33.808186/-117.984017 : 33.806210/-117.984990 33.806217/-117.984002 Excavator Provided:

Map link: https://newtin.digalert.org/newtinweb/map\_tkt.nap?TRG=FBDmKcLhAn6n1p7-g

Comments:

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Work Start: 11/05/19 08:37 Legal Start: 11/05/19 08:38 Expires: 12/03/19 23:59 Response required: N Priority: 2

Response required. N Priority. 2

Excavator Information Company: ORTIZ ENTERPRISE INC Co Addr: 6 CUSHING #200 City : LAKE FOREST State: CA Zip: 92618 Created By: NICK TASICH Language: ENGLISH Office Phone: 310-874-9612 Office Email: NTASICH@PRIM.COM

Site Contact: RUBEL MARTINEZ Site Phone: 661-343-1481 Site SMS/Cell: Site Email:

Excavation Area State: CA County: ORANGE Place: STANTON Zip: Location: Address/Street: 10711 DALE AVE : X/ST1: STANDUSTRIAL ST : : IN REAR OF ADDRESS : \*\* CALL WITH ETA \*\*

Delineated Method: WHITEPAINT Work Type: MACHINE EXCAVATION, AUGERING, DRILLING, HAND EXCAVATION Work For : WELLHEAD ELECTRIC Permit: 16-AFC-01 Job/Work order: 1 Year: N Boring: Y Street/Sidewalk: Y Vacuum: Y Explosives: N

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Map link: https://newtin.digalert.org/newtinweb/map\_tkt.nap?TRG=FBDmKcLhAn7k4mA-d

Comments:

\*\*RESEND\*\*UPDATE ONLY-WORK CONT PER NICK TASICH--[WEBUBW 02/22/19 09:28] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:14] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 03/21/19 09:18] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[WEBUBW 04/16/19 08:45] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 05/07/2019 08:58 AM]

\*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 05/29/2019 07:57 AM ] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 06/24/2019 06:53 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 07/19/2019 07:55 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 08/15/2019 11:48 AM ] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 09/10/2019 02:55 PM1 \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 10/08/2019 07:47 AM] \*\*RENEW TICKET\*\* WORK CONTINUING PER NICK TASICH--[DIRECT 11/05/2019 08:38 AM] Members: ATTDSOUTH AT&T DISTRIBUTION - PHONE ATT DAMAGE PREVENTION HO 510-645-2929 GAR01 C/OF GARDEN GROVE-WATER MWD05 METROPOLITAN WATER 714-290-8986 LES RUITEMSCHILD CONTROL ROOM 714-577-5011 SCG28T SC GAS BREA -TRANSMISSION ADAM JUAREZ 714-634-3196 SCG2XN SC GAS - GARDEN GROVE LEAD DISPATCHER - CHUCK 800-603-7060

SCW2MGOLDEN STATE WATER - GARDENADAVID CATHCART310-660-0320SCW2PSO CAL WATER(GOLDEN ST WTR)GILBERT ESTRADA562-547-7073xCELLUCHTRW\_C5 UTIL/SPECTRUM GG - CATVSPECTRUM DAMAGE ONLY844-780-6054USCE03 UTILIQUEST 4 SCE-NO OR COASTSC EDISON PERSONNEL800-611-1911USCETT84SE UTIL 4 SCE TRNS TELEC-FIB TCC800-655-8844

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Note!: This email originated from outside our organization. Be cautious when opening Links and Attachments that you were not expecting. 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

INSPECTION M	IADE: SERC_16-AFC-01_13.8KV,	, Turbine removal, 480V Transformer FND	0'S_20191119
DATE / TIME: _	1/20 and 11/22 2019 @ 1:30	Ed Puccetti	
ÀAPPROVED □ DISAPPRO □ REINSPEC		□AT RISK □PHASE PASS	
SIGNATURE:	Billetador Billet	DATE: 11/26/19	

#### **COMMENTS:**

Inspected the re-bar installation for the 13.8kV Switch Gear Foundation and the Turbine Removal Foundation on 11/20 at 1:30. Inspection passed with no exceptions taken. The re-bar installation for the Transformer Foundations will be done in the next day or two. Marylee inspected the Transformer Foundation on 11/22. All inspections passed with no exceptions taken.

OFFICES NATIONWIDE

NV 5

INSPECTION MADE: SERC\_16-AFC-01\_Ammonia Injection Skid FND\_20191118

DATE / TIME: \_\_\_\_\_\_ INSPECTOR: \_\_\_\_\_ Ed Puccetti

## **APPROVED** □ REINSPECTION REQUIRED

**AT RISK PHASE PASS** 

SIGNATURE:



**DATE:** 11/18/19

#### **COMMENTS:**

Approved with no exceptions taken

OFFICES NATIONWIDE

NV5

INSPECTION MADE: SERC\_16-AFC-01\_Demin Water Tank Clean and Close \_20191119

DATE / TIME: \_\_\_\_\_ INSPECTOR: \_\_\_\_\_ Ed Puccetti

## **APPROVED** □ REINSPECTION REQUIRED

**AT RISK PHASE PASS** 

SIGNATURE:



DATE: 11/19/2019

#### **COMMENTS:**

Approved with no exceptions taken

OFFICES NATIONWIDE

INSPECTION MADE: SERC\_16-AFC-01\_East side Site Drainage\_20191125

DATE / TIME: \_\_\_\_\_\_ INSPECTOR: \_\_\_\_\_ Ed Puccetti

**APPROVED** □ REINSPECTION REQUIRED **AT RISK PHASE PASS** 

SIGNATURE:



**DATE:** 11/26/19

#### **COMMENTS:**

Approved with no exceptions; review of installation on 10/9, 10/10, 10/11, 10/16 10/17 and 11/18

OFFICES NATIONWIDE

INSPECTION MADE: SERC\_16-AFC-01\_Fire Protection Systems UG Pressure Test\_20191107

DATE / TIME:	/7/2019 @ 1:30 pm INSPEC	ror: Mary Lee Knolle
ÄAPPROVED □ DISAPPROVI □ REINSPECTI		□AT RISK □PHASE PASS
SIGNATURE:	Digitally signed by Edward Puccetti Date: 2019.11.08 10:52:17 -08'00'	<b>DATE:</b> 11/8/19

#### **COMMENTS:**

This inspection request covers the underground only, for this systems indicated on the Pressure Test Reports, and based upon the signed Pressure Test Reports dated: 5-21-19, 6-19-19 and 6-26.

This system is passed based upon the information on these reports only.

OFFICES NATIONWIDE

INSPECTION N	IADE: SERC_16-AFC-01_Fuel gas	s Systems UG Pressure Test_20191107	
DATE / TIME: _	11/7/2019 @ 1:30 pm INSPEC	TOR: Ed Puccetti	
ĂAPPROVEI □ DISAPPRO □ REINSPEC	-	□AT RISK □PHASE PASS	
SIGNATURE:	Digitally signed by Edward Puccetti Date: 2019.11.13 11:00:13 -08'00'	DATE: 11/13/2019	

#### **COMMENTS:**

This inspection request covers the underground piping system; only, and for the systems indicated on the signed Pressure Test Reports, FSG-01, FSG-02 and FSG-04 This system is passed based upon the information on these reports only.

OFFICES NATIONWIDE

INSPECTION MADE: SERC\_16-AFC-01\_Potable Water Systems UG Pressure Test\_20191107

DATE / TIME:	/7/2019 @ 1:30 pm INSPEC	TOR: Mary Lee Knolle	
ĂAPPROVED □ DISAPPROVI	ED	□AT RISK □PHASE PASS	
	ON REQUIRED		
SIGNATURE:	Digitally signed by Edward Puccetti Date: 2019.11.08 11:06:23 -08'00'	DATE: 11/8/19	

#### **COMMENTS:**

This inspection request covers the underground only, for this system indicated on the Pressure Test Reports, and based upon the signed Pressure Test Reports dated: 5-28-19, 6-14-19, 7-8-19 and 7-12-19.

This system is passed based upon the information on these reports only.

OFFICES NATIONWIDE

INSPECTION MADE: SERC\_16-AFC-01\_Site Area Paving @ CTG #2 Area\_20191107

DATE / TIME: \_\_\_\_\_\_ INSPECTOR: \_\_\_\_\_ Ed Puccetti

## **APPROVED** □ REINSPECTION REQUIRED

**AT RISK PHASE PASS** 

SIGNATURE:



**DATE:** 11/7/19

#### **COMMENTS:**

Approved with no exceptions taken

OFFICES NATIONWIDE

NV5

End Report