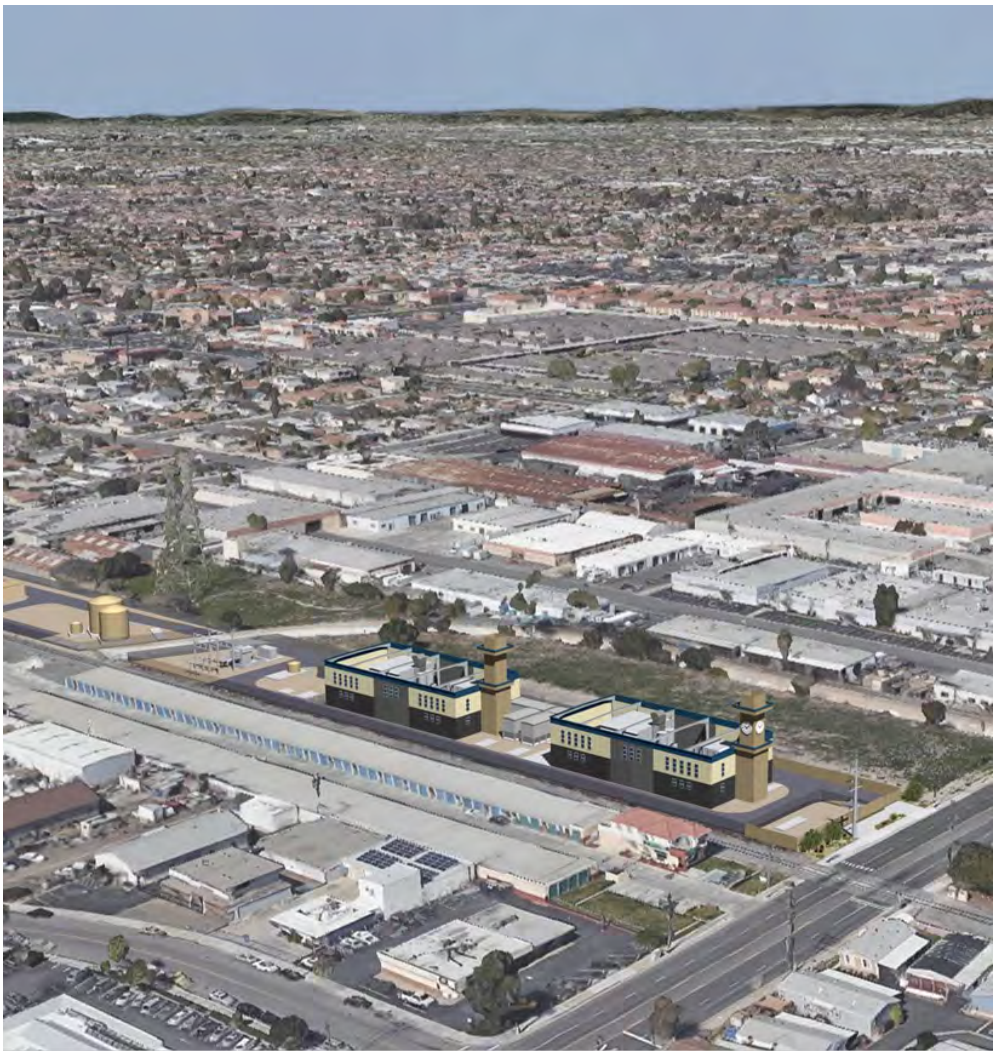
DOCKETED	
Docket Number:	16-AFC-01C
Project Title:	Stanton Energy Reliability Center - Compliance
TN #:	229492-8
Document Title:	Stanton Energy Reliability Center Monthly Compliance Report No. 5 Part 1
Description:	N/A
Filer:	Cenne Jackson
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	8/20/2019 10:06:38 AM
Docketed Date:	8/20/2019

Stanton Energy Reliability Center

CEC Docket No. 16-AFC-01
Monthly Compliance Report No. 5
Reporting Period: June 2019



Prepared by Stanton Energy Reliability Center, LLC (SERC)
Submitted July 2019

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Key Events List

PROJECT:	Stanton Energy Reliability Center
DOCKET #:	16-AFC-01
COMPLIANCE PROJECT MANAGER:	John Heiser

EVENT DESCRIPTION	DATE
CEC Decision Date	November 7, 2018
Obtain Site Control	February 12, 2019
Online Date	June 1, 2020
POWR PLANT SITE ACTIVITIES	
Start Site Assessment/Pre-Construction	January 31, 2019
Start Site Mobilization/Construction	February 12, 2019
Begin Pouring Major Foundation Concrete	March 29, 2019
Begin Installing Major Equipment	August 20, 2019
Completion of Installation of Major Equipment	December 24, 2019
First Combustion of Gas Turbine	December 23, 2019
Obtain Building Occupation Permit	TBD
Start Commercial Operation	BESS June 1, 2020; LM6000 July 1, 2020
Complete All Construction	April 28, 2020
TRANSMISSION LINE ACTIVITIES	
Start Transmission Line Construction	July 2019
Complete Transmission Line Construction	November 2019
Synchronization with Grid and Interconnection	March 2, 2020
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	July 2019
Complete Gas Pipeline Construction	November 2019
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	TBD
Complete Water Supply Line Construction	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 Jan 31, 2019, allowing the start of construction activities at the power plant site. The Full Notice to Proceed (FNTP) was issued by the CEC on February 12, 2019.

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

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

A preliminary project summary schedule is included in Attachment 1.

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

The following table represents the percent complete numbers for the engineering, procurement, and construction activities as of the end of June 2019.

Activity	Percent Complete
Engineering	
Power Island	99%
CBO Support	59%
BESS Design	3%
Procurement	
Owner Supplied Equipment	78%
Contractor Supplied Equipment	26%
Construction	
Power Island	18%
BESS	0%

1.1 Engineering

Through the month of June 2019, Power Engineering (PEI) continued with plant design and supported the submittal of engineering drawings to the DCBO for review and approval. Weekly meetings are held with the DCBO and CPM to review progress.

Additional weekly meetings are held with PEI, WCI and the DCBO to review each discipline e.g. Electrical, Structural, Civil and Mechanical.

1.2 Procurement

The procurement of Owner Supplied Equipment (OSE) continues and is currently 78% complete.

The procurement of Contractor Supplied Equipment (CSE) continues and is currently 26% complete.

1.3 Construction

Conducting Daily Pre-Job Briefings and Weekly all Hands Safety Meetings.

Civil:

- Work progressed on the main Unit 1 Power block foundations

Piping:

- Underground pipe work was completed in the corridor along the north side of Parcel 1 working eastward from the Vehicle Bridge
- The lines were tested and backfill will be scheduled

Structural:

- Completed vehicle bridge topping slab
- Erected forms for CTG-2 and ERU-2 foundations
- Installed bottom mat of rebar in CTG-2 and ERU-2
- Placed concrete for the GSU walls and pedestals.
    - A delay in concrete delivery caused a cold joint to be cast in the pedestal of the GSU Foundation pad. Power Engineers Inc. was tasked with reviewing the available documentation to determine whether the cold joint's presence will negatively affect performance of the foundation to maintain compliance with the 2016 California State Building Code.

Electrical:

- Underground Electrical duct bank work has focused to Unit 1
- Work continued on the 66kV duct bank to the tie-in point with SCE at Dale Ave.

Safety:
The month of June was completed with no, lost time, or recordables. Weekly all hands meetings continue to address issues and raise morale through training and information.

During this reporting period the project worked 11,084 man-hours without a lost time or recordable incident. There was one first aid during the reporting period. To date, the project has worked 42,456 man-hours without a lost time, or recordable Incident, and only one first aid.

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

1.4 Explanation of Significant Changes to the Schedule

The Construction Contractor has claimed that the Mechanical Completion is delayed an additional 12 days to February 26, 2020.

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 20 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 239. Documentation of worker training records for the reporting period is included in Appendix E of Attachment 4.

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

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

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

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

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

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

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

COM-9: The Annual Compliance Fee was paid by SERC, LLC on June 6th. Documentation of the payment, including a receipt from the CEC was forwarded to the CPM.

COM-10: Staff's approval of SERC's Petition for Post-Certification Change (Petition) requesting the addition of a 2.64-acre parcel adjacent to and north of the SERC project site to be used temporarily for laydown and additional parking for construction was docketed by the CEC on June 21, 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-1: An additional CRM (Ryan Moritz) was proposed during the 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 20 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 239 Documentation of worker training records for the reporting period is included in Appendix D of Attachment 4.

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

CUL-7: There were no cultural resource discoveries made during the reporting period.

ELEC-1: Documentation of transmittal of electrical construction design review and approval by the DCBO during the reporting period is included in Attachment 8.

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 (Attachment 11).

GEN-7: During this reporting period there was a 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).

HAZ 8: The 30-day notification to the CPM of the initial receipt of hazardous materials on site as required in HAZ-8 is still pending.

MECH-1: Documentation of transmittal letters of completion of all DCBO inspections are included in Attachment 22.

NOISE-2: There were no noise complaints received during this reporting period.

PAL-1: Two additional PRM's were proposed during the reporting period, Cynthia Morales and Tina Campbell. Tina Campbell was approved.

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 20 personnel received the Worker Environmental Awareness Program (WEAP) training. The total number of personnel trained to date is 239. 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 5,420 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. Additionally, copies of the STRUC 1 transmittal cover sheets from the STRUC 1 submittals to the CBO were provided to the CPM in accordance with this condition of certification.

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.

STRUC-4: There were no tanks or vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2016 CBC being installed during this reporting period.

TRANS-1: There were no required permits during the reporting period for vehicle sizes, weights, driver licensing and truck routes (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-7: The FAA determination of No Hazard for the Crane Study was received and forwarded to the CPM in accordance with this condition of certification.

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

TSE-2: There was no construction of power plant switchyard, outlet line, and termination during this reporting period.

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

WASTE-3: The 2 barrels found on Parcel One during excavations were removed from site and the final disposal reports were forwarded to the CPM in accordance with this condition of certification.

WASTE-4: During this reporting period two (2) forty-yard bins of construction waste left the site and ten (10) 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 was a small engine oil spill on Parcel 2 on June 14th from a delivery truck. The spill was mitigated and cleaned, and a report was filed with the CPM in accordance with this condition of certification.

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:

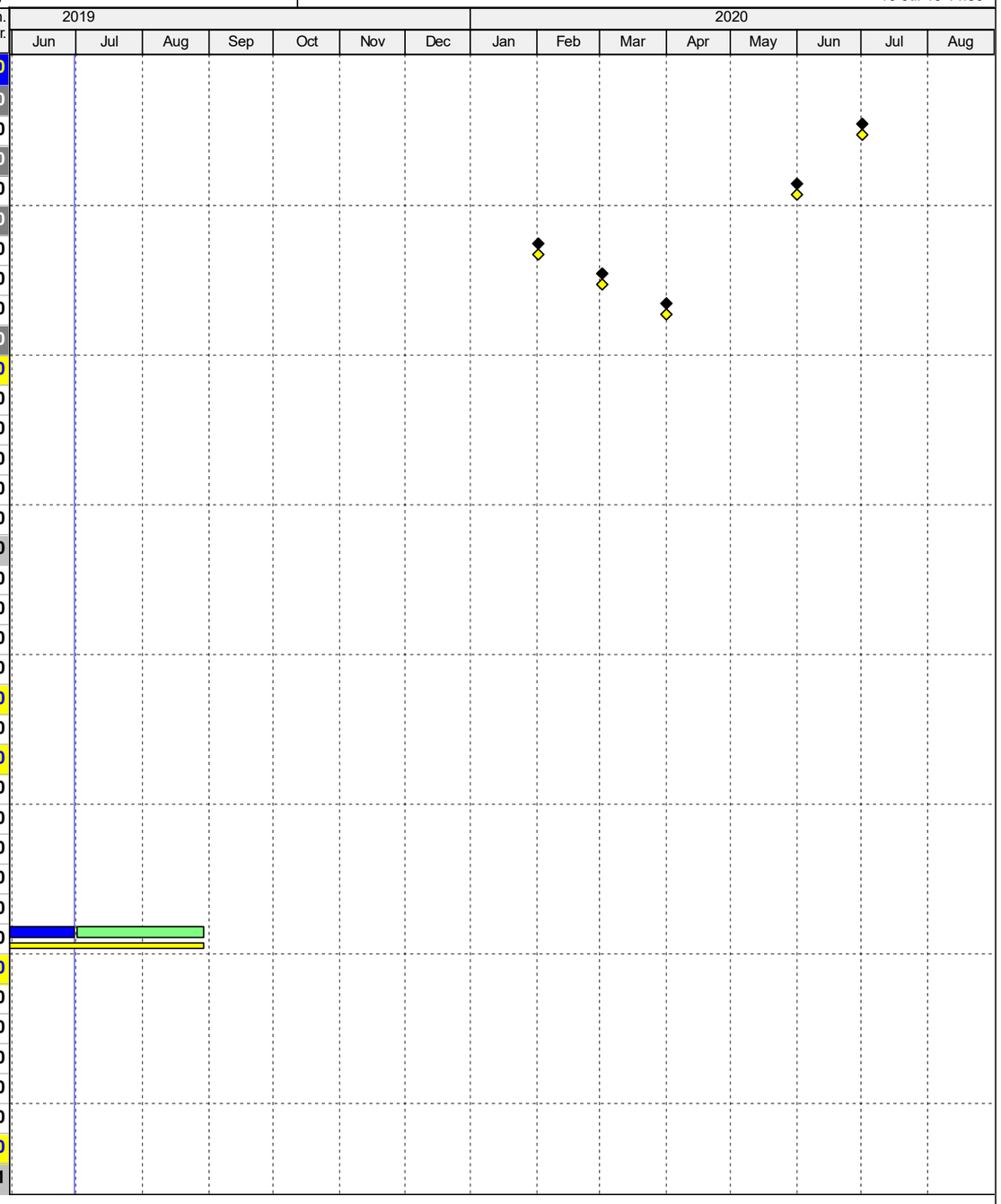
1. all finalized original and amended structural plans and "as-built" drawings for the entire project (later)
2. the most current versions of any plans, manuals, and training documentation required by the COC or applicable LORS

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 June 2019.

Attachment 1 – COM-6 Project Schedule

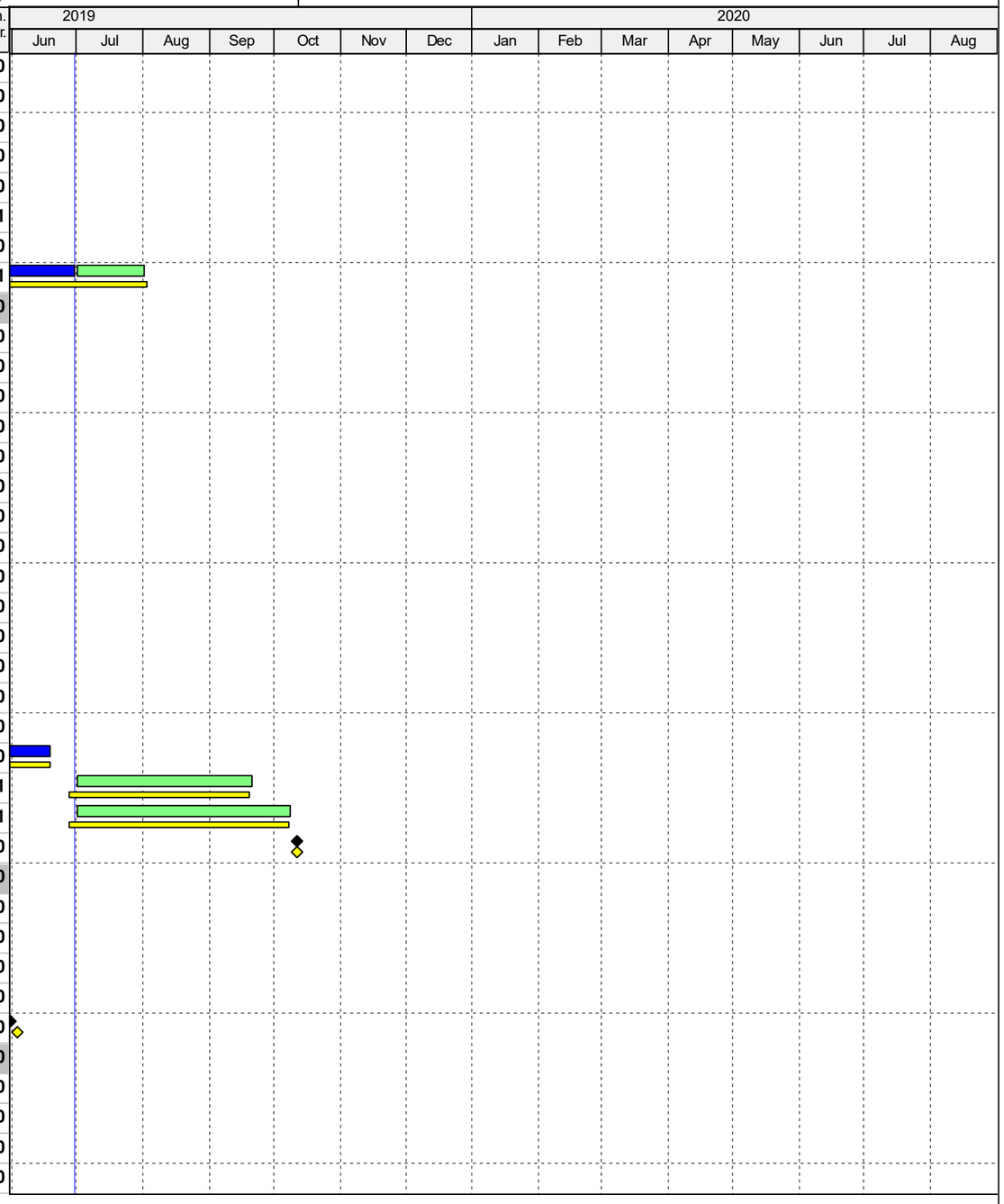
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
SERC Baseline Project Master Schedule (w/ARB June Sched)		**701**	**71%**	**26-Oct-16 A**	**01-Jul-20**	**0**	**0**
LM6000 RAPA Key Milestone		**0**	**0%**	**01-Jul-20**	**01-Jul-20**	**0**	**0**
2	Expected Initial Delivery Date	0	0%		01-Jul-20*	0	0
Storage RAPA Key Milestone		**0**	**0%**	**01-Jun-20**	**01-Jun-20**	**18**	**0**
4	Expected Initial Delivery Date	0	0%		01-Jun-20*	18	0
GIA Key Milestones		**34**	**0%**	**01-Feb-20**	**01-Apr-20**	**51**	**0**
6	In-Service Date (Initial Backfeed - Liquidated Damage	0	0%		01-Feb-20*	121	0
7	Initial Synchronization Date/Trial Operation (No Later	0	0%		02-Mar-20*	69	0
8	Commercial Operation Date (No Later Than)	0	0%		01-Apr-20*	51	0
Pre-construction Activities		**701**	**91.72%**	**26-Oct-16 A**	**11-Oct-19**	**145**	**0**
CEC Permitting		**434**	**100%**	**26-Oct-16 A**	**12-Feb-19 A**		**0**
12	Presiding Members Proposed Decision (PMPD) issue	1	100%	08-Oct-18 A	08-Oct-18 A		0
13	Full Commission Decision for Approval	0	100%	13-Nov-18 A			0
15	CEC Decision Final (non-appealable)	0	100%		13-Dec-18 A		0
14	Post-Approval 30-day appeal period	30	100%	13-Nov-18 A	13-Dec-18 A		0
11	Application for Certification	782	100%	26-Oct-16 A	17-Dec-18 A		0
Pre-Construction Compliance (CEC)		**47**	**100%**	**13-Nov-18 A**	**12-Feb-19 A**		**0**
18	Limited Notice to Proceed (LNTP)	0	100%		31-Jan-19 A		0
17	Compliance submittals necessary to get a Limited N	69	100%	13-Nov-18 A	31-Jan-19 A		0
20	Full Notice to Proceed (FNTP)	0	100%	12-Feb-19 A			0
19	Compliance submittals necessary to get a Full Notice	83	100%	13-Nov-18 A	12-Feb-19 A		0
SCAQMD Air Permit		**0**	**0%**	**15-Nov-18 A**	**15-Nov-18 A**		**0**
22	SCAQMD Authority To Construct (ATC) issued	0	100%	15-Nov-18 A			0
Engineering		**575**	**94.08%**	**29-Oct-18 A**	**29-Aug-19**	**169**	**0**
24	"Issued For Bid" Engineering Package for Contractor	174	100%	31-Oct-18 A	31-Oct-18 A		0
25	Further Develop Engineering to Signed and Stamped I	575	100%	31-Oct-18 A	17-Dec-18 A		0
26	Receive Signed and Stamped Plan Set	1	100%	17-Dec-18 A	17-Dec-18 A		0
27	Vehicle Bridge Engineering	45	100%	29-Oct-18 A	18-Jan-19 A		0
28	BESS & EGT Integration Engineering	105	100%	02-Jan-19 A	22-Feb-19 A		0
29	Assemble Engineering into CBO submittal packages	148	77.03%	11-Dec-18 A	29-Aug-19*	169	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	4	100%	03-Dec-18 A	01-Feb-19 A		0
32	SCE Easement Consent	81	100%	31-Dec-18 A	25-Feb-19 A		0
Owner Supplied Equipment (OSE) Procurement Schedule		**342**	**83.02%**	**08-Feb-18 A**	**11-Oct-19**	**145**	**0**
LM6000 Packages		**190**	**90.52%**	**22-Feb-18 A**	**01-Aug-19**	**185**	**1**



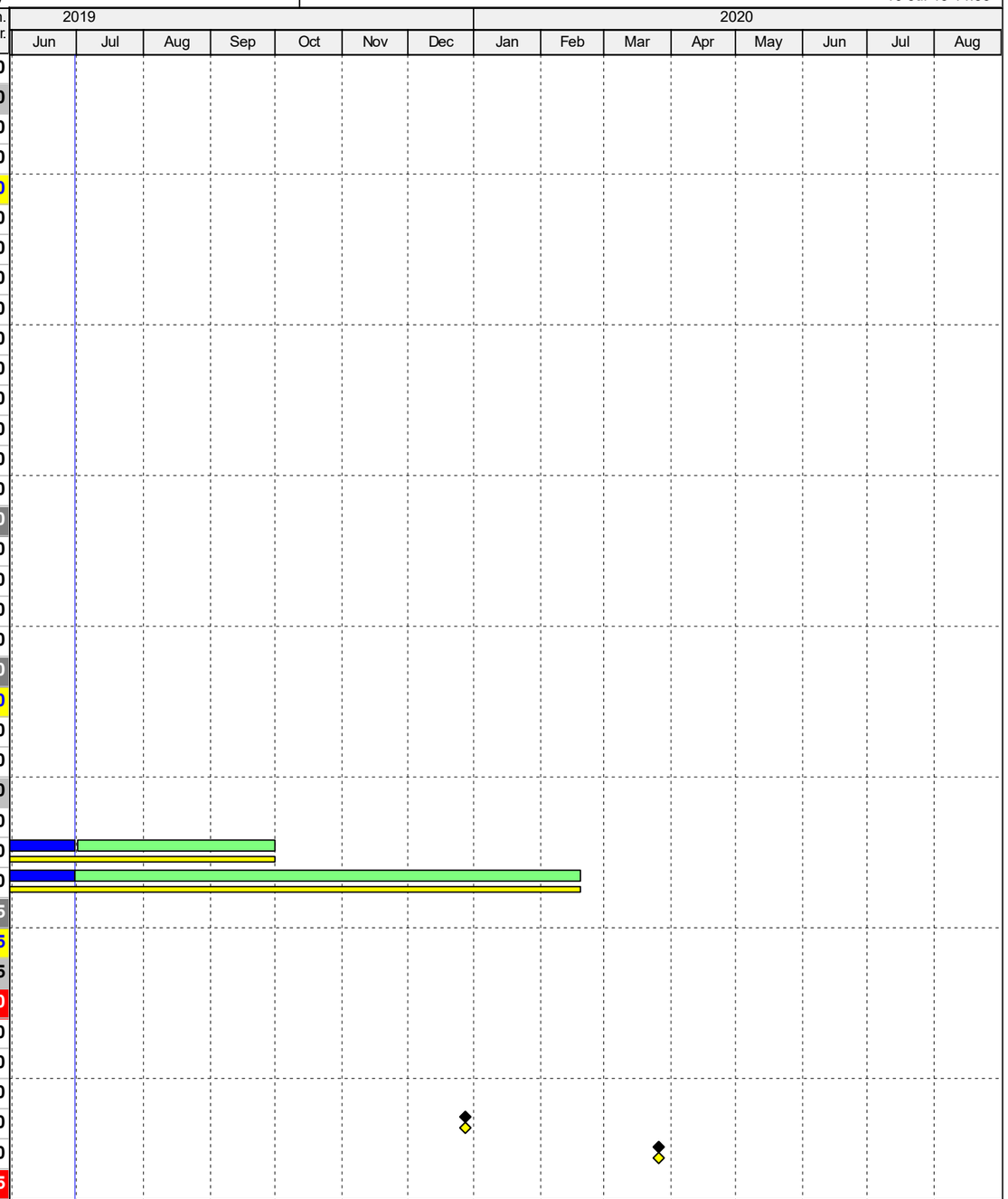
Remaining Level of Effort | Actual Work | Critical Remaining Work
Actual Level of Effort | Remaining Work | Milestone

TASK filter: Not Level Of Effort.

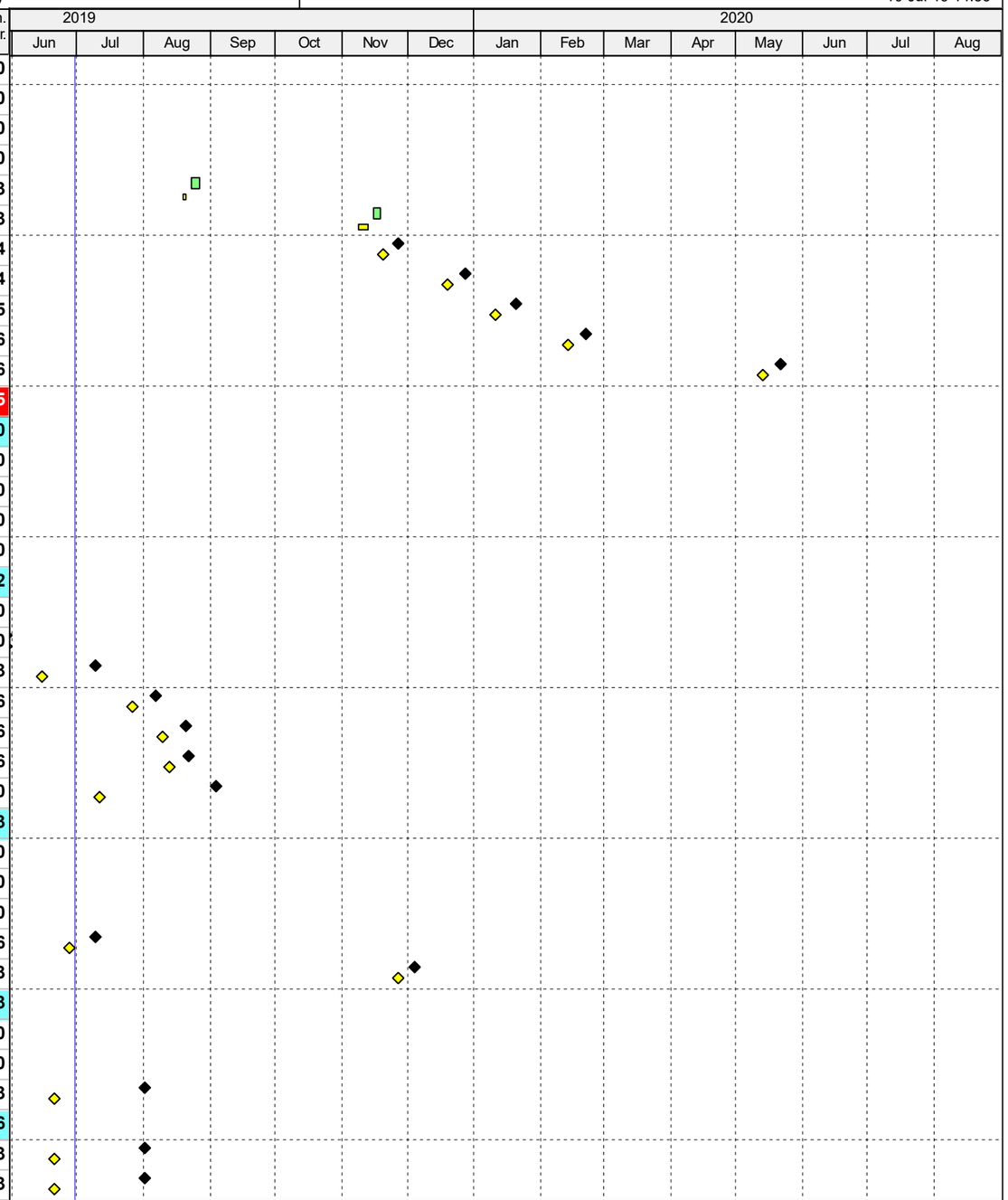
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
38	Effective Date of Turbine Supply Contract	0	100%		22-Feb-18 A		0
39	Engineering Received from Manufacturer	45	100%	22-Feb-18 A	11-May-18 A		0
40	Order of Long Lead Time Items	0	100%	23-May-18 A			0
41	FNTP	0	100%	23-Aug-18 A			0
43	Receipt of Notice of Ready to Ship (RTS)	0	100%		11-Apr-19 A		0
44	Delivery Per FCA(Goods Actually Ready For Shipmer	0	100%		21-May-19 A		1
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	55%	21-May-19 A	01-Aug-19	2	1
Emissions Reduction Unit (ERU)		341	82.98%	08-Feb-18 A	11-Oct-19	145	0
47	Effective Date of the ERU Supply Contract	0	100%		08-Feb-18 A		0
57	Selection of Nox & CO Catalyst	0	100%		01-Jun-18 A		0
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
52	Delivery of maintenance proceedures	0	100%		07-Sep-18 A		0
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-19 A	18-Jun-19 A		0
50	Delivery/Goods Received (Duct, Stack, Silencer)	59	0%	01-Jul-19	20-Sep-19	147	-1
A1030	Transportation Of ERU Materials	4	0%	01-Jul-19	08-Oct-19	147	-1
49	NOx & CO Modules	0	0%		11-Oct-19	145	0
Generator Step-Up Transformer (GSU)		194	100%	29-Jun-18 A	31-May-19 A		0
64	LNTP/PO Date	0	100%		29-Jun-18 A		0
66	FNTP	0	100%	20-Sep-18 A			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-18 A	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-19 A	28-Feb-19 A		0



Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
75	Delivery/Goods Received	0	100%		22-Mar-19 A		0
Balance Of Plant OSE		119	100%	01-Jul-18 A	01-Apr-19 A		0
78	Place BOP OSE Purchase Orders	180	100%	01-Jul-18 A	28-Dec-18 A		0
79	Available for delivery to the Project Site	0	100%	01-Apr-19 A			0
Construction Contracting		97	100%	03-Sep-18 A	24-Jan-19 A		0
81	Receive Initial Bids from Construction Contractors	0	100%	03-Sep-18 A			0
82	Review Initial Bids	30	100%	04-Sep-18 A	04-Oct-18 A		0
84	Achieve Commercial Lockdown	0	100%		26-Nov-18 A		0
83	Short list two construction contractors and negotiate	28	100%	04-Oct-18 A	26-Nov-18 A		0
86	Final Bids Turned In	0	100%		14-Dec-18 A		0
85	Contractor Pricing Refresh	18	100%	26-Nov-18 A	14-Dec-18 A		0
87	Review Final Bids / Select Contractor	2	100%	14-Dec-18 A	20-Dec-18 A		0
89	Make executed construction contract available in the	0	100%		21-Dec-18 A		0
88	Execute Construction Contract	0	100%		21-Dec-18 A		0
90	Provide Notice To Proceed to Contractor	0	100%		24-Jan-19 A		0
Project Finance		176	100%	16-Oct-18 A	24-Jan-19 A		0
92	Provide Mandate to Helaba	0	100%	16-Oct-18 A			0
93	Perform Dilligence	1	100%	16-Oct-18 A	14-Jan-19 A		0
94	Develop Loan Documentation	4	100%	16-Oct-18 A	17-Jan-19 A		0
95	Financial Close	0	100%	24-Jan-19 A			0
CEC Compliance		217	40.96%	19-Dec-18 A	19-Feb-20	75	0
CBO Activity		217	40.96%	19-Dec-18 A	19-Feb-20	75	0
99	CBO Kick off Meeting	0	100%		19-Dec-18 A		0
98	CBO Contract Execution	0	100%	19-Dec-18 A			0
CBO performance of duties		217	40.96%	26-Dec-18 A	19-Feb-20	75	0
101	Review and approve Pre-construction submittal	1	100%	26-Dec-18 A	27-Dec-18 A		0
103	Perform Plan Check of Submittals	148	65.54%	27-Dec-18 A	30-Sep-19	152	0
102	Inspector On Site	390	40%	04-Feb-19 A	19-Feb-20	133	0
LM6000 Construction Schedule		310	41.49%	09-Nov-18 A	21-May-20	22	-5
Stanton Energy Reliability Center - 30JUN19		310	41.49%	09-Nov-18 A	21-May-20	22	-5
Milestones		310	41.34%	09-Nov-18 A	21-May-20	-32	-5
Contract Milestones		278	31.84%	09-Nov-18 A	26-Mar-20	0	0
00-Milest-110	Contract Negotiations	34	100%	09-Nov-18 A	21-Dec-18 A		0
00-Milest-120	Effective Date	1	100%	24-Dec-18 A	24-Dec-18 A		0
00-Milest-130	Commencement Date & NTP = 04FEB19	0	100%	04-Feb-19 A			0
00-Milest-190	Scheduled Mechanical Completion Date = 28DEC19	0	0%		27-Dec-19*	0	0
00-Milest-200	Final Project Completion Date = 26MAR20	0	0%		26-Mar-20	0	0
Project Milestones		277	45.38%	14-Jan-19 A	21-May-20	-32	-5



Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Milest-300	Kick-off Meeting	1	100%	14-Jan-19 A	14-Jan-19 A		0
00-Milest-310	Start of Mobilization	0	100%	04-Feb-19 A			0
00-Milest-320	Parcel 1 Temp Power Available = 08FEB19	0	100%	08-Feb-19 A			0
00-Milest-240	Begin Site Disturbance = 19FEB19	0	100%	25-Feb-19 A			0
00-Cranes-110	Crane Site Mobilization	2	0%	23-Aug-19	26-Aug-19	-32	-3
00-Cranes-130	Crane Demob	2	0%	15-Nov-19	18-Nov-19	21	-3
00-Milest-710	Switchyard Substation Construction Completed	0	0%		26-Nov-19*	-32	-4
00-SwYard-920	Switchyard Substation: SCE Backfeed	0	0%		27-Dec-19	-19	-4
00-Milest-720	Ready for Backfeed	0	0%		20-Jan-20	-31	-5
00-Milest-910	Projected Mechanical Completion Date	0	0%		21-Feb-20*	-45	-6
00-Milest-920	Projected Final Completion Date	0	0%		21-May-20*	-45	-6
Payment Milestones		286	36.59%	24-Dec-18 A	21-May-20	-32	-5
Initial Milestones		41	100%	24-Dec-18 A	15-Feb-19 A		0
00-Paymnt-001	At Contract Execution	0	100%		24-Dec-18 A		0
00-Paymnt-003	At Notice to Proceed	0	100%	04-Feb-19 A			0
00-Paymnt-004	Mobilization	0	100%	04-Feb-19 A			0
00-Paymnt-002	Completion of Preliminary Work	0	100%		15-Feb-19 A		0
Site Civil Works - Ductbank Milestones		64	51.25%	09-May-19 A	03-Sep-19	114	-12
00-Paymnt-005	15 kV Ductbank Trenching Complete	0	100%		09-May-19 A		0
00-Paymnt-009	15 kV Ductbank Installed	0	100%		29-May-19 A		0
00-Paymnt-010	66 kV Ductbank Installed	0	0%		09-Jul-19	145	-13
00-Paymnt-007	480 Volt Ductbank Trenching Complete	0	0%		06-Aug-19	129	-6
00-Paymnt-008	Ductbank Materials Procurement Complete	0	0%		20-Aug-19	121	-6
00-Paymnt-011	480 Volt Ductbank Installed	0	0%		21-Aug-19	120	-6
00-Paymnt-006	66 kV Ductbank Trenching Complete	0	0%		03-Sep-19	114	-30
Site Civil Works - Parcel 1 Milestones		117	30.14%	06-May-19 A	04-Dec-19	63	-3
00-Paymnt-013	Spoils Delivery Complete of Parcel 1	0	100%		06-May-19 A		0
00-Paymnt-012	Mass Excavation of Parcel 1 Complete	0	100%		06-May-19 A		0
00-Paymnt-014	Installation of Geotextile and Associated Aggregate	0	100%		17-May-19 A		0
00-Paymnt-015	Recompaction necessary for Installation of Major Fou	0	0%		09-Jul-19	145	-6
00-Paymnt-016	Recompaction back to Rough Grade after Foundatior	0	0%		04-Dec-19	63	-3
Site Civil Works - Water Farm Milestones		90	100%	28-Feb-19 A	01-Aug-19	131	-23
00-Paymnt-017	Mass Excavation for Water Farm Area (including Dem	0	100%		28-Feb-19 A		0
00-Paymnt-018	Installation of Geotextile and Associated Aggregate C	0	100%		28-Feb-19 A		0
00-Paymnt-019	Recompaction necessary for Installation of Foundatic	0	0%		01-Aug-19	131	-23
Site Civil Works - Warehouse Milestones		6	0%	01-Aug-19	12-Aug-19	126	-6
00-Paymnt-020	Mass Excavation for Warehouse Area	0	0%		01-Aug-19	131	-23
00-Paymnt-021	Installation of Geotextile and Associated Aggregate C	0	0%		01-Aug-19	131	-23



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

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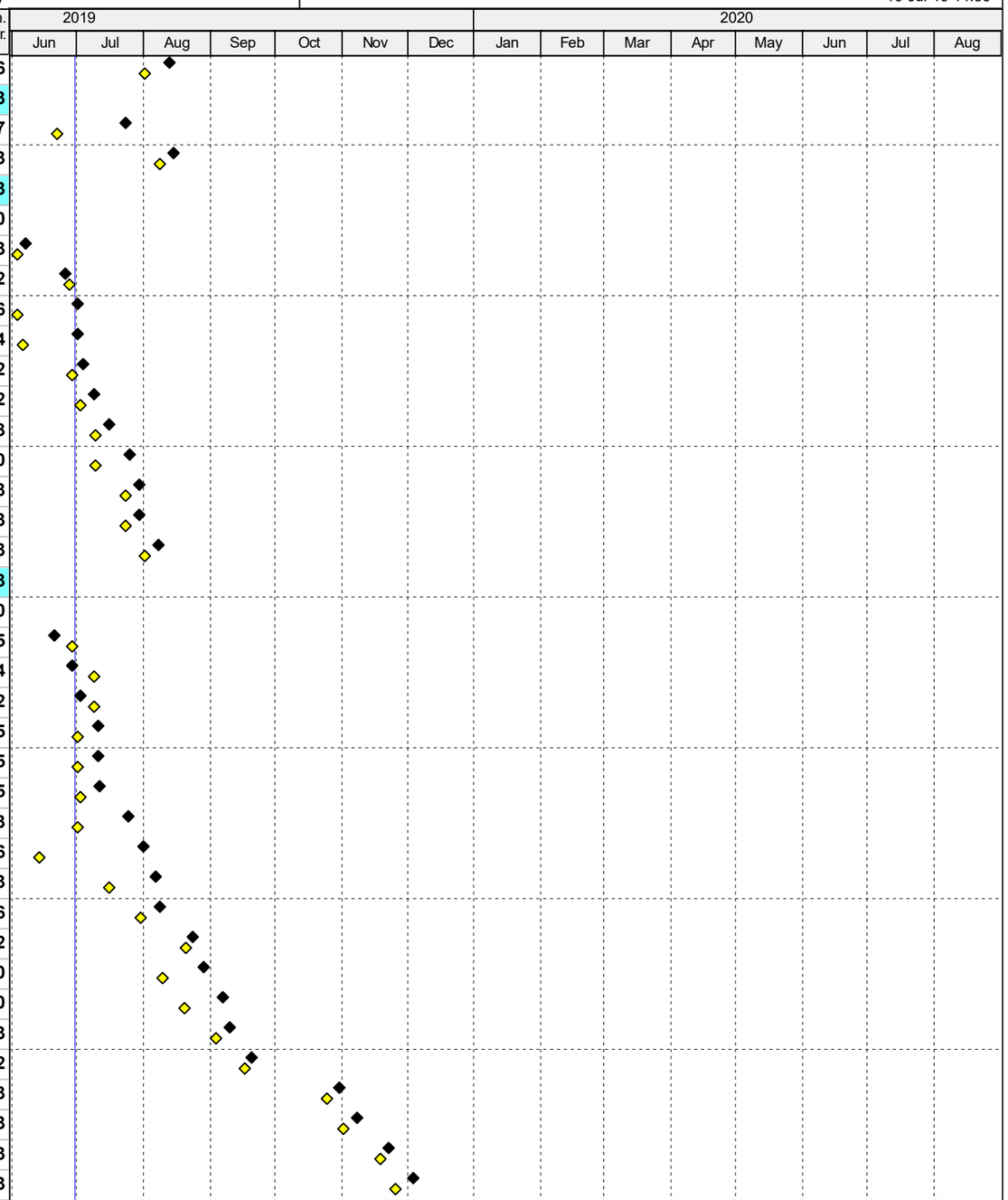
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Paymnt-022	Recompaction necessary for Installation of Warehous	0	0%		12-Aug-19	126	-6
Bridge Milestones		13	0%	23-Jul-19	14-Aug-19	124	-3
00-Paymnt-023	Vehicle Bridge Installation Complete and Approved fo	0	0%		23-Jul-19	137	-17
00-Paymnt-024	Utility Bridge Installation Complete with CBO Approva	0	0%		14-Aug-19	124	-3
Structural - Major Foundation Milestones		38	42.55%	06-May-19 A	07-Aug-19	128	-3
00-Paymnt-028	Ammonia Sump Pit	0	100%		06-May-19 A		0
00-Paymnt-027	Ammonia Tank Foundation and Sump	0	100%		07-Jun-19 A		-3
00-Paymnt-034	CTG2 Foundation Poured	0	100%		25-Jun-19 A		2
00-Paymnt-026	GSU Foundation Poured	0	0%		01-Jul-19	150	-16
00-Paymnt-030	CTG2 Foundation Formed	0	0%		01-Jul-19	150	-14
00-Paymnt-032	ERU2 Centerline Foundations Formed (including Stac	0	0%		03-Jul-19	147	-2
00-Paymnt-036	ERU2 Centerline Foundations Poured (including Stac	0	0%		08-Jul-19	146	-2
00-Paymnt-025	Receipt of all Shop Fab Rebar at Site	0	0%		15-Jul-19	142	-3
00-Paymnt-029	CTG1 Foundation Formed	0	0%		25-Jul-19	135	-10
00-Paymnt-031	ERU1 Centerline Foundations Formed (including Stac	0	0%		29-Jul-19	134	-3
00-Paymnt-033	CTG1 Foundation Poured	0	0%		29-Jul-19	134	-3
00-Paymnt-035	ERU1 Centerline Foundations Poured (including Stac	0	0%		07-Aug-19	128	-3
Structural - Minor Foundation Milestones		102	17.19%	06-May-19 A	04-Dec-19	63	-3
00-Paymnt-038	Demin Water Tank	0	100%		06-May-19 A		0
00-Paymnt-039	RO Skid	0	100%		20-Jun-19 A		5
00-Paymnt-040	Demin Water Skid	0	100%		28-Jun-19 A		4
00-Paymnt-043	480 Volt MCC - Water Treatment	0	0%		02-Jul-19	148	2
00-Paymnt-046	Utility Bridge Abutments	0	0%		10-Jul-19	144	-5
00-Paymnt-049	Utility Rack Supports	0	0%		10-Jul-19	144	-5
00-Paymnt-052	Fuel Gas Compressor Area Foundations	0	0%		11-Jul-19	143	-5
00-Paymnt-045	Spread Footings for Roofless Enclosure U2	0	0%		24-Jul-19	136	-13
00-Paymnt-051	Switchyard Substation Module Foundation	0	0%		31-Jul-19	132	-26
00-Paymnt-057	BESS Switchgear Foundation	0	0%		06-Aug-19	129	-13
00-Paymnt-044	Spread Footings for Roofless Enclosure U1	0	0%		08-Aug-19	127	-6
00-Paymnt-042	Fogging Water Skid U2	0	0%		23-Aug-19	118	-2
00-Paymnt-047	Power Distribution Module (PDM) Building Spread Fo	0	0%		28-Aug-19	116	-10
00-Paymnt-048	PDM Columns	0	0%		06-Sep-19	111	-10
00-Paymnt-050	Switchyard Support	0	0%		09-Sep-19	110	-3
00-Paymnt-041	Fogging Water Skid U1	0	0%		19-Sep-19	104	-2
00-Paymnt-055	CTG2 Miscellaneous Foundations	0	0%		30-Oct-19	81	-3
00-Paymnt-056	ERU2 Miscellaneous Foundations	0	0%		07-Nov-19	76	-3
00-Paymnt-053	CTG1 Miscellaneous Foundations	0	0%		22-Nov-19	68	-3
00-Paymnt-037	Receipt of Shop Fab Rebar at Site	0	0%		03-Dec-19	64	-3



Remaining Level of Effort | Actual Work | Critical Remaining Work
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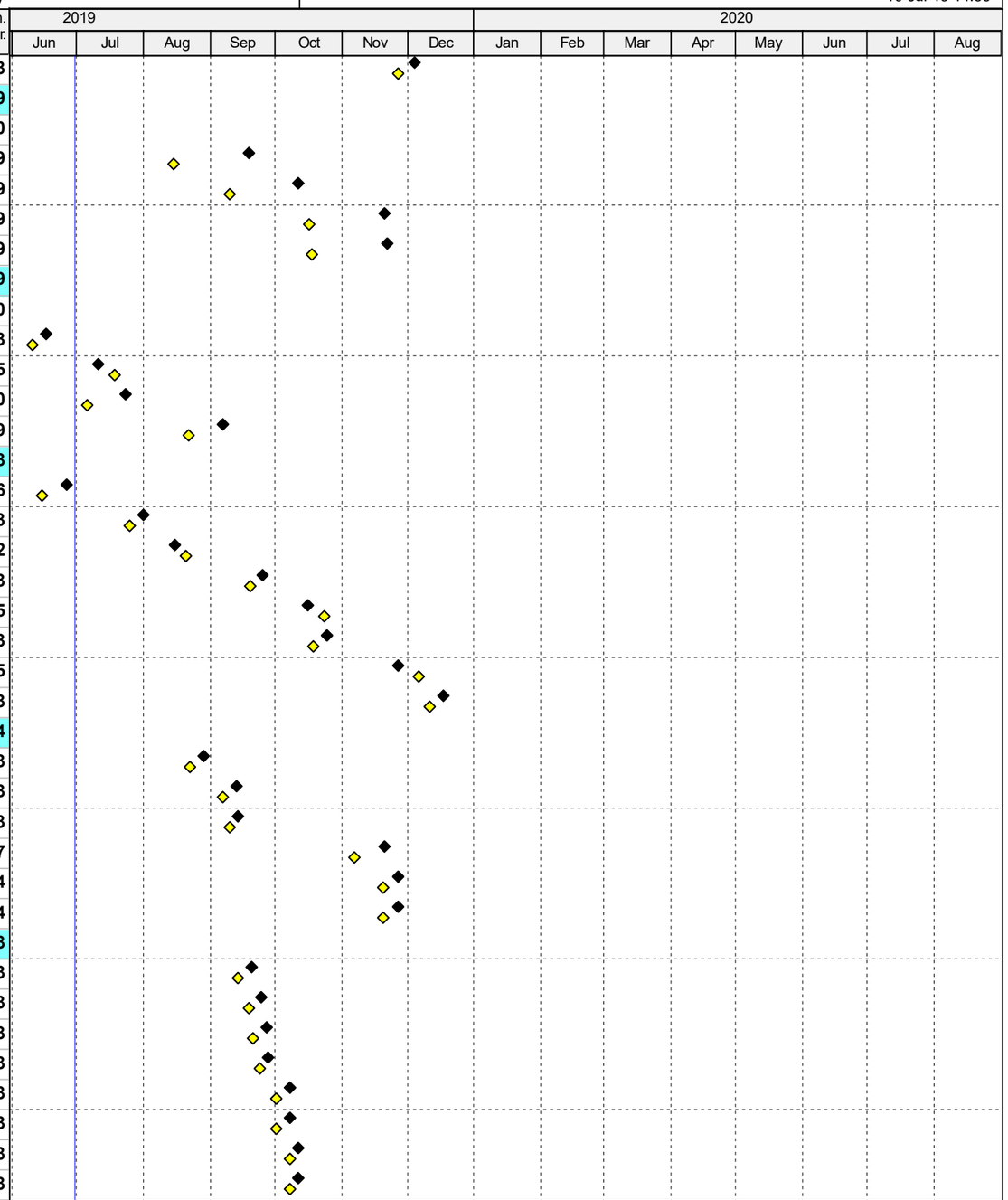
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Paymnt-054	ERU1 Miscellaneous Foundations	0	0%		04-Dec-19	63	-3
UG Storm Water System Milestones		128	71.88%	27-Mar-19 A	21-Nov-19	69	-19
00-Paymnt-058	Procure Storm Drain Pipe	0	100%		27-Mar-19 A		0
00-Paymnt-059	Install Storm Drain Pipe South	0	0%		18-Sep-19	105	-19
00-Paymnt-060	Install Storm Drain Pipe North	0	0%		11-Oct-19	91	-19
00-Paymnt-061	Install all other Storm Drain Segments	0	0%		20-Nov-19	70	-19
00-Paymnt-062	HydroTest Stormwater Systems	0	0%		21-Nov-19	69	-19
UG Piping Installation Milestones		74	55.43%	26-Apr-19 A	06-Sep-19	111	-9
00-Paymnt-063	Procure Underground Pipe	0	100%		26-Apr-19 A		0
00-Paymnt-065	Install Demin Water pipe	0	100%		17-Jun-19 A		-3
00-Paymnt-064	Install Natural Gas pipe	0	0%		10-Jul-19	144	5
00-Paymnt-066	Install Fire Main	0	0%		23-Jul-19	137	-10
00-Paymnt-067	HydroTest Underground Piping Systems	0	0%		06-Sep-19	111	-9
UG Ground Grid Milestones		94	18.8%	26-Jun-19 A	17-Dec-19	56	-3
00-Paymnt-069	Installation of Ground Grid - Switchyard Substation Ai	0	100%		26-Jun-19 A		-6
00-Paymnt-075	Installation of Ground Grid - Remainder	0	0%		31-Jul-19	132	-3
00-Paymnt-073	Installation of Ground Grid - BESS 15 kV Switchgear /	0	0%		15-Aug-19	123	2
00-Paymnt-068	Procure Ground Grid	0	0%		25-Sep-19	102	-3
00-Paymnt-071	Installation of Ground Grid - Power Island 2	0	0%		15-Oct-19	90	5
00-Paymnt-072	Installation of Ground Grid - Water Farm Area	0	0%		24-Oct-19	84	-3
00-Paymnt-070	Installation of Ground Grid - Power Island 1	0	0%		26-Nov-19	66	5
00-Paymnt-074	Installation of Ground Grid - Perimeter	0	0%		17-Dec-19	56	-3
Unit Substation Milestones		50	0%	28-Aug-19	26-Nov-19	66	-4
00-Paymnt-076	Set GSU	0	0%		28-Aug-19	116	-3
00-Paymnt-077	GSU Dress Out Complete	0	0%		12-Sep-19	108	-3
00-Paymnt-080	Switchyard, Substation: Protection Module	0	0%		13-Sep-19	107	-3
00-Paymnt-078	GSU Auxiliary Connections Complete	0	0%		20-Nov-19	70	-7
00-Paymnt-079	All other 66 kV Apparatus Installed and Conductors C	0	0%		26-Nov-19	66	-4
00-Paymnt-081	High Voltage Protective Relay Testing Complete	0	0%		26-Nov-19	66	-4
CTG1 Components Setting and Installation Milestones		26	0%	19-Sep-19	05-Nov-19	78	-3
00-Paymnt-084	CTG1 - Level CTG Frame	0	0%		19-Sep-19	104	-3
00-Paymnt-083	CTG1 - Install Base Plates	0	0%		24-Sep-19	102	-3
00-Paymnt-082	CTG1 - Shake Out CTG Parts	0	0%		26-Sep-19	100	-3
00-Paymnt-088	CTG1 - Install VBV Ducting	0	0%		27-Sep-19	99	-3
00-Paymnt-086	CTG1 - Install Air Intake Trans Ducting	0	0%		07-Oct-19	94	-3
00-Paymnt-089	CTG1 - Install Air Filter Housing	0	0%		07-Oct-19	94	-3
00-Paymnt-090	CTG1 - Air Housing Internals	0	0%		11-Oct-19	91	-3
00-Paymnt-092	CTG1 - Final Wipe Down Air Inlet	0	0%		11-Oct-19	91	-3



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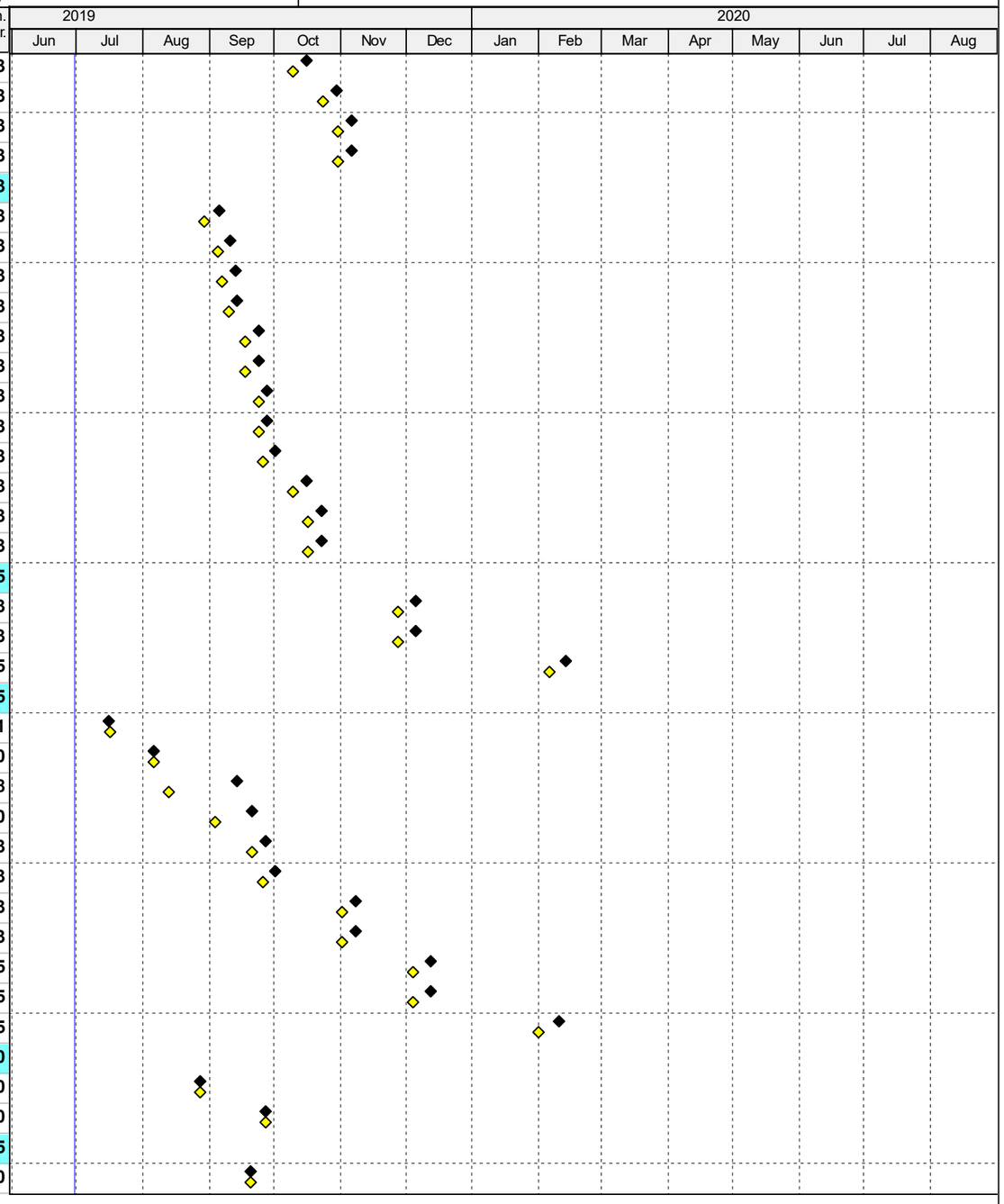
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Paymnt-085	CTG1 - Internal Final Alignment Checks	0	0%		15-Oct-19	90	-3
00-Paymnt-087	CTG1 - Install Generator Vent Ducting	0	0%		29-Oct-19	82	-3
00-Paymnt-091	CTG1 - Final Check and Grout	0	0%		05-Nov-19	78	-3
00-Paymnt-093	CTG1 - GE Signoff	0	0%		05-Nov-19	78	-3
CTG2 Components Setting and Installation Milestones		26	0%	05-Sep-19	22-Oct-19	86	-3
00-Paymnt-096	CTG2 - Level CTG Frame	0	0%		05-Sep-19	112	-3
00-Paymnt-095	CTG2 - Install Base Plates	0	0%		10-Sep-19	110	-3
00-Paymnt-094	CTG2 - Shake Out CTG Parts	0	0%		12-Sep-19	108	-3
00-Paymnt-100	CTG2 - Install VBV Ducting	0	0%		13-Sep-19	107	-3
00-Paymnt-098	CTG2 - Install Air Intake Trans Ducting	0	0%		23-Sep-19	102	-3
00-Paymnt-101	CTG2 - Install Air Filter Housing	0	0%		23-Sep-19	102	-3
00-Paymnt-102	CTG2 - Air Housing Internals	0	0%		27-Sep-19	99	-3
00-Paymnt-104	CTG2 - Final Wipe Down Air Inlet	0	0%		27-Sep-19	99	-3
00-Paymnt-097	CTG2 - Internal Final Alignment Checks	0	0%		01-Oct-19	98	-3
00-Paymnt-099	CTG2 - Install Generator Vent Ducting	0	0%		15-Oct-19	90	-3
00-Paymnt-103	CTG2 - Final Check and Grout	0	0%		22-Oct-19	86	-3
00-Paymnt-105	CTG2 - GE Signoff	0	0%		22-Oct-19	86	-3
ERU1 Components Setting and Installation Milestones		38	0%	05-Dec-19	13-Feb-20	24	-5
00-Paymnt-106	ERU1 - Complete Field Bolt Up and all Sections Set	0	0%		05-Dec-19	62	-3
00-Paymnt-107	ERU1 - Insulation and Liner Plates	0	0%		05-Dec-19	62	-3
00-Paymnt-108	ERU1 - Field Load Catalyst	0	0%		13-Feb-20	24	-5
ERU2 Components Setting and Installation Milestones		115	0%	15-Jul-19	10-Feb-20	26	-5
00-Paymnt-113	Set Demin Area Equipment	0	0%		15-Jul-19	142	1
00-Paymnt-118	Set Ammonia Forwarding Skid	0	0%		05-Aug-19	130	0
00-Paymnt-119	Ammonia Tank	0	0%		13-Sep-19	107	-18
00-Paymnt-114	Set PDM and Control Modules	0	0%		20-Sep-19	103	-10
00-Paymnt-115	Set CTG Aux Skids	0	0%		26-Sep-19	100	-3
00-Paymnt-112	Set Fuel Gas Compressor Equipment	0	0%		01-Oct-19	98	-3
00-Paymnt-109	ERU2 - Complete Field Bolt Up and all Sections Set	0	0%		07-Nov-19	76	-3
00-Paymnt-110	ERU2 - Insulation and Liner Plates	0	0%		07-Nov-19	76	-3
00-Paymnt-116	Set ERU Aux Skid - Ammonia Vaporization Skids	0	0%		12-Dec-19	58	-5
00-Paymnt-117	Set CEMS Buildings	0	0%		12-Dec-19	58	-5
00-Paymnt-111	ERU2 - Field Load Catalyst	0	0%		10-Feb-20	26	-5
Demin Water Tank Milestones		18	0%	27-Aug-19	26-Sep-19	100	0
00-Paymnt-120	Demin Water Tank Materials Delivered at Site	0	0%		27-Aug-19	118	0
00-Paymnt-121	Demin Water Tank Installation Complete	0	0%		26-Sep-19	100	0
AG Piping Installation Milestones		47	0%	19-Sep-19	16-Dec-19	57	-5
00-Paymnt-125	Demin Water @ Tank Area	0	0%		19-Sep-19	104	0



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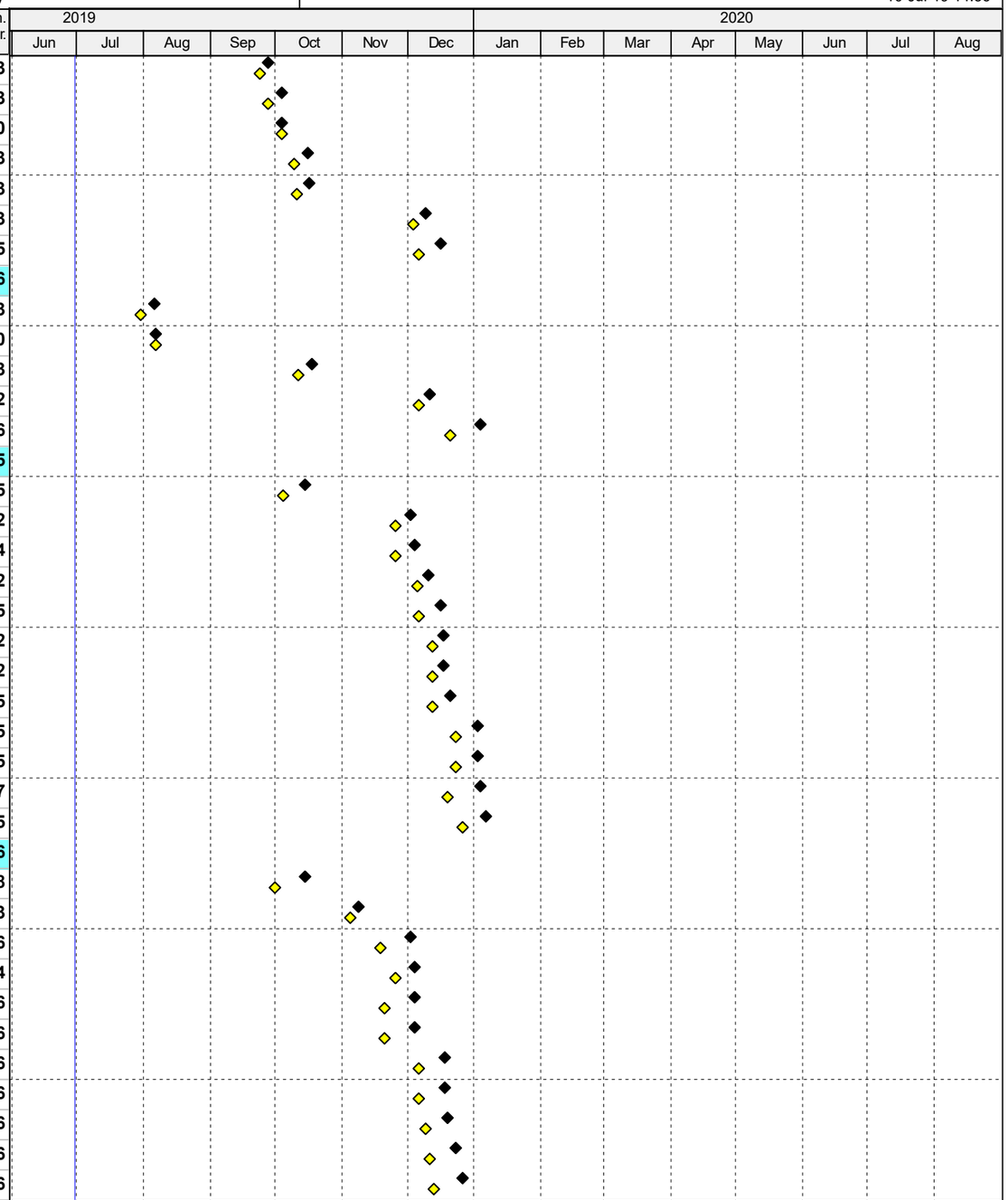
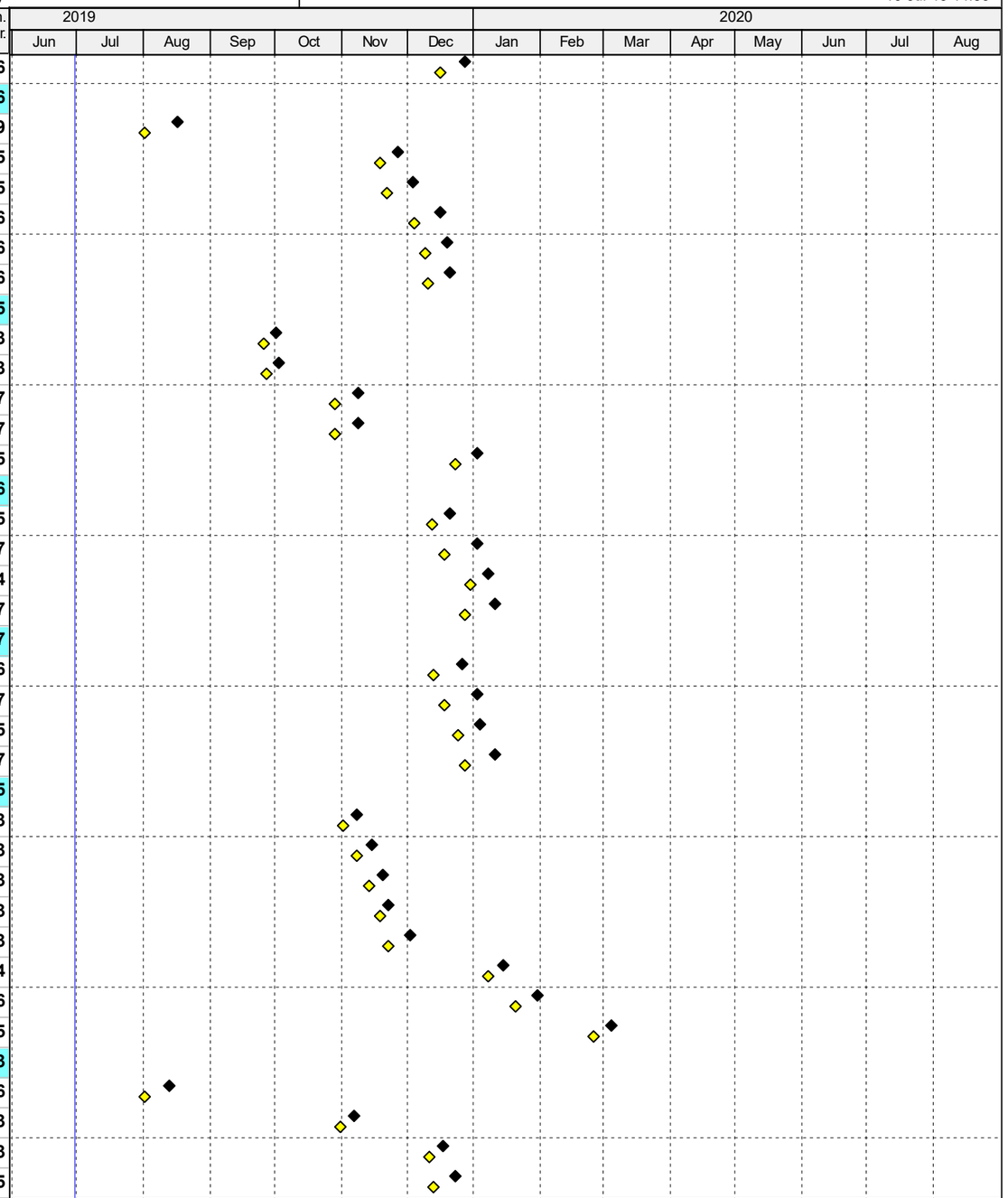
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Paymnt-122	Procurement of AG Pipe Materials and Receipt of 100	0	0%		27-Sep-19	99	-3
00-Paymnt-124	Demin Water @ CTG1 and CTG2	0	0%		03-Oct-19	96	-3
00-Paymnt-126	Rack and Utility Bridge Piping (Demin Water)	0	0%		03-Oct-19	96	0
00-Paymnt-129	Natural Gas System Piping	0	0%		15-Oct-19	90	-3
00-Paymnt-123	Lube Oil Piping CTG1 and CTG2	0	0%		16-Oct-19	89	-3
00-Paymnt-127	CTG Package Drain System	0	0%		09-Dec-19	61	-3
00-Paymnt-128	Ammonia System Piping	0	0%		16-Dec-19	57	-5
Electrical Procurement Milestones		82	0%	05-Aug-19	03-Jan-20	47	-6
00-Paymnt-134	Fabricated Structural Steel Procurement (Received o	0	0%		05-Aug-19	130	-3
00-Paymnt-131	AG Conduit Procurement (Received on Site 100%)	0	0%		06-Aug-19	130	0
00-Paymnt-130	Cable Tray Procurement (Received on Site 100%)	0	0%		17-Oct-19	88	-3
00-Paymnt-132	13.8 kV Cable Procurement (Received on Site 100%)	0	0%		11-Dec-19	60	-2
00-Paymnt-133	480 V Cable Procurement (Received on Site 100%)	0	0%		03-Jan-20	47	-6
U1 Medium Voltage Milestones		44	0%	14-Oct-19	06-Jan-20	46	-5
00-Paymnt-145	U1 MV - Cable Tray Installed	0	0%		14-Oct-19	90	-5
00-Paymnt-135	U1 MV - Set 15 kV Switchgear 1	0	0%		02-Dec-19	65	-2
00-Paymnt-136	U1 MV - Set 480 V Aux Xfmr 1	0	0%		04-Dec-19	63	-4
00-Paymnt-146	U1 MV - AG Conduit Installed	0	0%		10-Dec-19	60	-2
00-Paymnt-141	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to 48	0	0%		16-Dec-19	57	-5
00-Paymnt-137	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GS	0	0%		17-Dec-19	56	-2
00-Paymnt-139	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to CT	0	0%		17-Dec-19	56	-2
00-Paymnt-142	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to 48	0	0%		20-Dec-19	54	-5
00-Paymnt-138	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to GS	0	0%		02-Jan-20	48	-5
00-Paymnt-140	U1 MV - 13.8 kV Cable from 15 kV Switchgear 1 to CT	0	0%		02-Jan-20	48	-5
00-Paymnt-144	U1 MV - 480 V Xfmr 1 Protective Relay Testing Compl	0	0%		03-Jan-20	47	-7
00-Paymnt-143	U1 MV - 15 kV Switchgear Protective Relay Testing C	0	0%		06-Jan-20	46	-5
U2 Medium Voltage Milestones		40	0%	14-Oct-19	27-Dec-19	50	-6
00-Paymnt-157	U2 MV - Cable Tray Installed	0	0%		14-Oct-19	90	-8
00-Paymnt-147	U2 MV - Set 15 kV Switchgear 2	0	0%		08-Nov-19	75	-3
00-Paymnt-158	U2 MV - AG Conduit Installed	0	0%		02-Dec-19	65	-6
00-Paymnt-148	U2 MV - Set 480 V Aux Xfmr 2	0	0%		04-Dec-19	63	-4
00-Paymnt-149	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GS	0	0%		04-Dec-19	63	-6
00-Paymnt-151	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CT	0	0%		04-Dec-19	63	-6
00-Paymnt-150	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to GS	0	0%		18-Dec-19	55	-6
00-Paymnt-152	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to CT	0	0%		18-Dec-19	55	-6
00-Paymnt-153	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 48	0	0%		19-Dec-19	54	-6
00-Paymnt-155	U2 MV - 15 kV Switchgear Protective Relay Testing C	0	0%		23-Dec-19	53	-6
00-Paymnt-154	U2 MV - 13.8 kV Cable from 15 kV Switchgear 2 to 48	0	0%		26-Dec-19	51	-6



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

TASK filter: Not Level Of Effort.

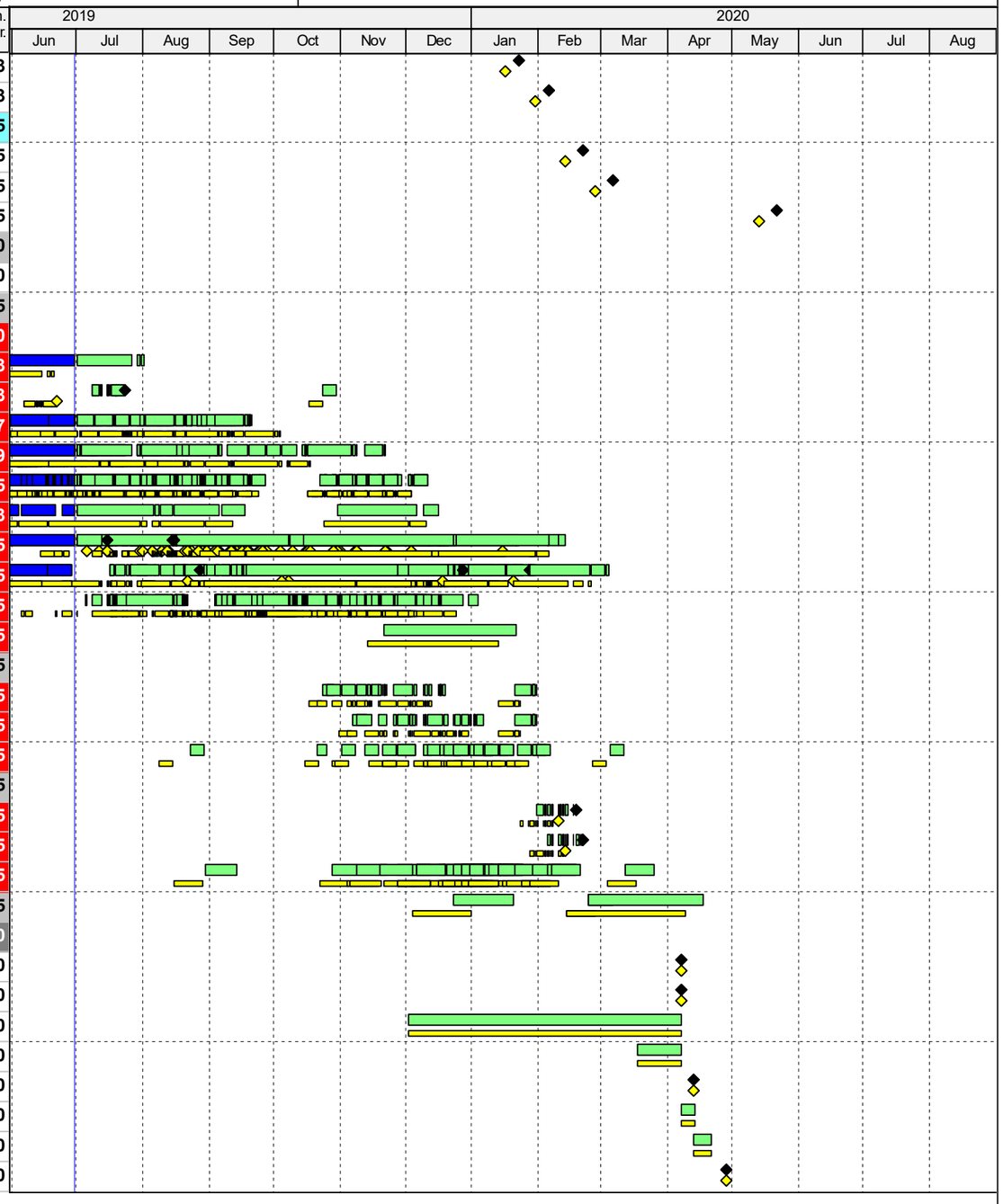
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Paymnt-156	U2 MV - 480 V Xfmr 2 Protective Relay Testing Compl	0	0%		27-Dec-19	50	-6
BESS Medium Voltage Milestones		69	0%	16-Aug-19	20-Dec-19	54	-6
00-Paymnt-159	BESS MV - Set 15 BESS 15 kV Switchgears	0	0%		16-Aug-19	122	-9
00-Paymnt-160	BESS MV - 13.8 kV Cable from BESS 15 kV Switchge	0	0%		26-Nov-19	66	-5
00-Paymnt-161	BESS MV - 13.8 kV Cable from BESS 15 kV Switchge	0	0%		03-Dec-19	64	-5
00-Paymnt-162	BESS MV - 13.8 kV Cable from BESS 15 kV Switchge	0	0%		16-Dec-19	57	-6
00-Paymnt-163	BESS MV - 13.8 kV Cable from BESS 15 kV Switchge	0	0%		19-Dec-19	54	-6
00-Paymnt-164	BESS MV - 15 kV Switchgear Protective Relay Testing	0	0%		20-Dec-19	54	-6
4160 V System Milestones		50	0%	01-Oct-19	02-Jan-20	48	-5
00-Paymnt-165	4160 V System - Set 13.8 kV-4160V Xfmr	0	0%		01-Oct-19	98	-3
00-Paymnt-166	4160 V System - Set 5 kV Switchgear	0	0%		02-Oct-19	97	-3
00-Paymnt-167	4160 V System - 13.8 kV Cable from 15 kV Switchgea	0	0%		08-Nov-19	75	-7
00-Paymnt-169	4160 V System - 4160 V Area Electrical Installation C	0	0%		08-Nov-19	75	-7
00-Paymnt-168	4160 V System - 13.8 kV Cable from 15 kV Switchgea	0	0%		02-Jan-20	48	-5
U1 480 Volt System Milestones		10	0%	20-Dec-19	10-Jan-20	43	-6
00-Paymnt-170	U1 480 V System - 480 Volt Feeder Cables from Aux T	0	0%		20-Dec-19	54	-5
00-Paymnt-171	U1 480 V System - 480 Volt Feeder Cables from PDM	0	0%		02-Jan-20	48	-7
00-Paymnt-172	U1 480 V System - Pull 480 Volt Cables to all 480 Volt	0	0%		07-Jan-20	46	-4
00-Paymnt-173	U1 480 V System - Termination of 480 Volt Cables to a	0	0%		10-Jan-20	43	-7
U2 480 Volt System Milestones		8	0%	26-Dec-19	10-Jan-20	43	-7
00-Paymnt-174	U2 480 V System - 480 Volt Feeder Cables from Aux T	0	0%		26-Dec-19	51	-6
00-Paymnt-175	U2 480 V System - 480 Volt Feeder Cables from PDM	0	0%		02-Jan-20	48	-7
00-Paymnt-176	U2 480 V System - Pull 480 Volt Cables to all 480 Volt	0	0%		03-Jan-20	47	-5
00-Paymnt-177	U2 480 V System - Termination of 480 Volt Cables to a	0	0%		10-Jan-20	43	-7
Start-Up and Commissioning Milestones		63	0%	07-Nov-19	04-Mar-20	13	-5
00-Paymnt-182	SU&C - Lube Oil Flush U2	0	0%		07-Nov-19	76	-3
00-Paymnt-185	SU&C - Natural Gas Piping - Air Blows U2	0	0%		14-Nov-19	73	-3
00-Paymnt-183	SU&C - Natural Gas Piping - Air Blows Common	0	0%		19-Nov-19	70	-3
00-Paymnt-181	SU&C - Lube Oil Flush U1	0	0%		22-Nov-19	68	-3
00-Paymnt-184	SU&C - Natural Gas Piping - Air Blows U1	0	0%		02-Dec-19	65	-3
00-Paymnt-179	SU&C - Electrical Testing U1	0	0%		14-Jan-20	42	-4
00-Paymnt-180	SU&C - Electrical Testing U2	0	0%		30-Jan-20	32	-6
00-Paymnt-178	SU&C - Electrical Testing Plant Common	0	0%		04-Mar-20	13	-5
Misc Milestones		97	0%	12-Aug-19	05-Feb-20	29	-3
00-Paymnt-187	Issue Purchase Orders for All Buildings	0	0%		12-Aug-19	126	-6
00-Paymnt-188	Receipt of Building Material On Site	0	0%		06-Nov-19	78	-3
00-Paymnt-192	Install Perimeter Fence and Gates (Fence Grounding	0	0%		17-Dec-19	56	-3
00-Paymnt-191	Install Warehouse Building	0	0%		23-Dec-19	53	-5



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

TASK filter: Not Level Of Effort.

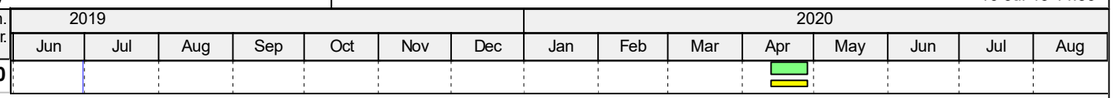
Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
00-Paymnt-190	Install Roofless Building U2	0	0%		22-Jan-20	37	-3
00-Paymnt-189	Install Roofless Building U1	0	0%		05-Feb-20	29	-3
Completion Milestones		51	0%	21-Feb-20	21-May-20	-32	-5
00-Paymnt-186	Mechanical Completion	0	0%		21-Feb-20	19	-5
00-Paymnt-193	Final Construction Completion	0	0%		06-Mar-20	11	-5
00-Paymnt-194	Final Project Completion	0	0%		21-May-20	-32	-5
Inclement Weather / Rain Days		1	100%	04-Mar-19 A	04-Mar-19 A		0
00-RainD-001	TIMP: 04MAR19 Rain Over Weekend, No Hauling	1	100%	04-Mar-19 A	04-Mar-19 A		0
Construction		266	48.49%	04-Feb-19 A	04-Mar-20	66	-5
Mobilization		19	100%	04-Feb-19 A	01-Mar-19 A		0
Site Preparation		147	87.5%	19-Feb-19 A	01-Aug-19	5	-23
Vehicle Bridge		142	54.49%	04-Mar-19 A	29-Oct-19	-14	-3
UG Electrical		114	59.15%	22-Mar-19 A	20-Sep-19	103	7
UG Piping		112	27.86%	06-May-19 A	21-Nov-19	17	-19
Foundations		219	58.76%	06-Mar-19 A	11-Dec-19	113	-5
Structural Steel		144	35.56%	05-Feb-19 A	16-Dec-19	-10	-3
Equipment Installation		149	15.59%	20-May-19 A	13-Feb-20	12	-5
Electrical Installation		179	28.13%	11-Apr-19 A	04-Mar-20	66	-5
AG Piping		100	0%	05-Jul-19	03-Jan-20	-15	-5
Painting & Insulation		32	0%	21-Nov-19	21-Jan-20	38	-5
Pre-Commissioning		110	0%	23-Aug-19	11-Mar-20	1	-5
U2 Power Block PWP's		54	0%	23-Oct-19	31-Jan-20	-31	-5
U1 Power Block PWP's		46	0%	06-Nov-19	31-Jan-20	-29	-5
System Turn Over Packages		110	0%	23-Aug-19	11-Mar-20	1	-5
Commissioning		114	0%	30-Aug-19	25-Mar-20	1	-5
U2 Power Block CWP's		10	0%	31-Jan-20	18-Feb-20	-29	-5
U1 Power Block CWP's		10	0%	05-Feb-20	21-Feb-20	-31	-5
System Commissioning Packages		114	0%	30-Aug-19	25-Mar-20	1	-5
Demobilization		66	0%	23-Dec-19	17-Apr-20	-13	-5
BESS Construction Schedule		83	0%	02-Dec-19	28-Apr-20	36	0
1020	ESS Substantial Completion Target	0	0%	07-Apr-20*		48	0
1030	SCS Software Delivered	0	0%	07-Apr-20*		48	0
1000	Construction	4	0%	02-Dec-19*	07-Apr-20	47	0
1010	General Electric Commissioning	4	0%	18-Mar-20*	07-Apr-20	47	0
1050	EGT Substantial Completion Target	0	0%	13-Apr-20*		45	0
1040	EGT Comissioning and Trial Test Runs	4	0%	07-Apr-20*	13-Apr-20	44	0
1060	O&M Staff Training By GE	4	0%	13-Apr-20*	21-Apr-20	40	0
1080	Final Completion Target	0	0%	28-Apr-20*		36	0



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

TASK filter: Not Level Of Effort.

Activity ID	Activity Name	OD	% Comp	Start	Finish	TF	Fin. Var.
1070	**As Builts**	**4**	**0%**	**13-Apr-20***	**28-Apr-20**	**36**	**0**



Attachment 2 – COM-5 Compliance Matrix

Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)

All Phases

6/30/2040

CBO Color Code:
- Pre- Construction
- Construction
- Commissioning
- Operations

Revised 4/30/2019

Based on Final Staff Assessment

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
AQ	AQ-A1	COM/OPS	**Monthly Emissions Limits** - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOx). See Decision AQ-A1 also for rules regarding the for commencement of operation. See **Decision** for rules on emissions calculations during the transition from Commissioning to Operation.		Emissions data in Quarterly Operations Report. Notify SCAQMD in writing when commissioning process for each turbine has been completed.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR
AQ	AQ-A2	OPS	**Monthly Emissions Limits** - See Decision for specific emission limits by pollutant (NOX, CO, VOC, PM10, PM2.5, SOx). See Decision AQ-A1 also for rules regarding the for commencement of operation. See **Decision** for rules on emissions calculations during the transition from Commissioning to Operation.	The project owner shall maintain records to demonstrate compliance with this condition and shall make such records available to the SCAQMD Executive Officer upon request. The records shall be maintained for a minimum of 5 years in a manner approved by SCAQMD.	Emissions data in Quarterly Operations Report.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR
AQ	AQ-A3	COM/OPS	**2.5 PPMV NOx Limit Averging** -The 2.5 PPMV NOx emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen.	This limit shall not apply to turbine commissioning, startup, and shutdown periods.	Emissions data in Quarterly Operation Report.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR
AQ	AQ-A4	COM/OPS	**4.0 PPMV CO Limit Averaging** - The 4.0 PPMV CO emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen.	This limit shall not apply to turbine commissioning, startup, and shutdown periods.	CEMS records demonstrating compliance with this condition as part of the Quarterly Operations Reports (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR
AQ	AQ-A5	COM/OPS	**2.0 PPMV VOC Limit Averaging** - The 2.0 PPMV VOC emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen.	This limit shall not apply to turbine commissioning, startup, and shutdown periods.	Emissions data in Quarterly Operational Report.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR
AQ	AQ-A6	COM/OPS	**25 PPMV Nox Limit Averaging** - The 25 PPMV NOx emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen.	This limit shall not apply to turbine commissioning, startup, and shutdown periods.	Emissions data in Quarterly Operational Report.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR
AQ	AQ-A7	COM/OPS	**Combustion Contaminant Emissions** - See RULE 475, 10-8-1976; RULE 475, 8-7-1978. Devices D1, D7 subject to this condition.		Emissions data in Quarterly Operations Report.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR
AQ	AQ-A8	COM/OPS	**NH_3 Limit Averaging** - The 5.0 PPMV NH_3 emission limit is averaged over one hour, dry basis, at 15 percent oxygen. (Does not apply to commissioning, turbine startup, and shutdown.) See the Decision for NH_3 calculation equation.	Install, calibrate, maintain, and the monitoring system according to a District-approved monitoring plan. Prior to the installation the project owner shall submit a monitoring plan to the CPM for review and approval. The project owner shall include exceedances of the hourly ammonia slip limit and calibration reports as part of the Quarterly Operation Reports (AQ-SC7).	Ammonia Monitoring Plan and report exceedances of hourly ammonia slip and calibration reports as part of the Quarterly Operations Report	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR
AQ	AQ-B1	COM/OPS	**H_2S Limit Averaging** - Concentration limit is an annual average based on monthly samples of natural gas composition or gas supplier documentation.	The project owner shall include documentation demonstrating compliance as part of the Quarterly Operation Reports (AQ-SC7)	Compliance data in Quarterly Operation Reports. Project owner to make site available for inspection of records by representatives of the District, ARB, and the Energy Commission.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR
AQ	AQ-C1	COM/OPS	**Start-up Limitations** - Owner shall limit the number of start-ups to no more than 124 in any one calendar month.	Provide records including a table documenting the type of startup, duration and date of occurrence.	Monthly reports to be included in Quarterly Operation Reports.	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR
AQ	AQ-C2	COM/OPS	**Shutdown Limitations** - Owner shall limit the number of shutdowns to no more than 124 in any one calendar month.	Provide records including a table documenting each shutdown, and indicating the duration and date of occurrence.	Monthly reports to be included in Quarterly Operation Reports. (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR
AQ	AQ-C3	COM/OPS	**Pressure Relief Valve Requirements** - Pressure relief valve set at 2.3 psig.	Project owner shall demonstrate compliance as part of Quarterly Operation Report.	Monthly reports to be included in Quarterly Operation Reports. (AQ-SC7)	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR
AQ	AQ-D1a	COM/OPS	**Initial Source Test** - Owner must conduct initial commissioning air pollutant source tests. See **Decision** for methods, averaging times, and test location. District must approve test protocol in advance. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	Submit test protocol to District and CPM for approval.	Proposed source test protocol.	Submit protocol 90 days before test date to CPM and Air District.	TBD		Not Started										SERC	DSR
AQ	AQ-D1b	COM/OPS	**Initial Source Test** - Owner must conduct initial commissioning air pollutant source tests. See **Decision** for methods, averaging times, and test location. District must approve test protocol in advance. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	Submit test protocol to District and CPM for approval.	Proposed source test protocol.	Notify CPM and Air District of proposed date and time 10 days prior to test date.	TBD		Not Started										SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:	Pre- Construction							
2	**All Phases**							6/30/2040						Construction							
3														Commissioning							
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**								Operations							
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**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**
20	AQ	AQ-D2a	COM/OPS	**Operations Source Test** - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See **Decision** for methods, averaging times, and test location. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	Revised test protocol (if changes to the previously approved protocol are proposed) to District and CPM. Source test results to District and CPM	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to Notify District and CPM	TBD		Not Started											SERC	DSR
21	AQ	AQ-D2b	COM/OPS	**Operations Source Test** - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See **Decision** for methods, averaging times, and test location. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	Revised test protocol (if changes to the previously approved protocol are proposed) to District and CPM. Source test results to District and CPM	Revised source test protocol (if proposed), test result report	Submit results 60 days after the test. Notify District and CPM	TBD		Not Started											SERC	DSR
22	AQ	AQ-D2c	COM/OPS	**Operations Source Test** - Owner must conduct air pollutant source tests for SOX, VOC, and PM10 once every three years. See **Decision** for methods, averaging times, and test location. Notify District prior to test of date and time of test. See **Decision** for further test specifications.	Revised test protocol (if changes to the previously approved protocol are proposed) to District and CPM. Source test results to District and CPM	Revised source test protocol (if proposed), test result report	Notify District and CPM 10 days before the test of date and time. Test every three years.	TBD		Not Started											SERC	DSR
23	AQ	AQ-D3a	COM/OPS	**NH3 Source Test** - Owner must conduct air pollutant source tests for NH_3 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.	Revised test protocol (if changes to the previously approved protocol are proposed) to District and CPM. Source test results to District and CPM	Revised source test protocol (if proposed), test result report	Submit protocol 45 days before test date to District and CPM	TBD		Not Started											SERC	DSR
24	AQ	AQ-D3b	COM/OPS	**NH3 Source Test** - Owner must conduct air pollutant source tests for NH_3 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.	Revised test protocol (if changes to the previously approved protocol are proposed) to District and CPM. Source test results to District and CPM	Revised source test protocol (if proposed), test result report	Submit results 60 days after the test to District and CPM	TBD		Not Started											SERC	DSR
25	AQ	AQ-D3c	COM/OPS	**NH3 Source Test** - Owner must conduct air pollutant source tests for NH_3 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.	Revised test protocol (if changes to the previously approved protocol are proposed) to District and CPM. Source test results to District and CPM	Revised source test protocol (if proposed), test result report	Notify District and CPM 10 days before the test of date and time.	TBD		Not Started											SERC	DSR
26	AQ	AQ-D3d	COM/OPS	**NH3 Source Test** - Owner must conduct air pollutant source tests for NH_3 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.	Revised test protocol (if changes to the previously approved protocol are proposed) to District and CPM. Source test results to District and CPM	Revised source test protocol (if proposed), test result report	Test quarterly in first 12 months and annual thereafter.	Ongoing		Not Started											SERC	DSR
27	AQ	AQ-D4a	COM/OPS	**CEMS for CO** - Install a CEMS to measure CO concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See **Decision** for CO conversion rate formula.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	TBD		Not Started											SERC	DSR
28	AQ	AQ-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 **Decision** for CO conversion rate formula.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission	CEMS Plan	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	TBD		Not Started											SERC	DSR
29	AQ	AQ-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 **Decision** for CO conversion rate formula.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	CEMS Plan	Submit approved CEMS plan to CPM within 90 days of SCAQMD approval.	TBD		Not Started											SERC	DSR
30	AQ	AQ-D5b	COM/OPS	**CEMS for NOx** - Install a CEMS to measure NOx concentrations, corrected to 15 percent oxygen, dry basis to demonstrate compliance with BACT limit of 4.0 ppmvd CO at 15% oxygen. See **Decision** for CO conversion rate formula.	Approved CEMS plan. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	CEMS Plan	Initial certification testing within 90 days of the conclusion of turbine commissioning period.	TBD		Not Started											SERC	DSR
31	AQ	AQ-D6a	COM/OPS	**Meter for NH_3 Flow** - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH_3). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Calibrate NH3 Meter	Prior to first fire	12/14/2019		Not Started											SERC	DSR
32	AQ	AQ-D6b	COM/OPS	**Meter for NH_3 Flow** - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH_3). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Documentation demonstrating compliance in Quarterly Operations Report, including table of shutdowns	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started											SERC	DSR
33	AQ	AQ-D6c	COM/OPS	**Meter for NH_3 Flow** - Install a meter to measure the total hourly flow/throughput of injected ammonia (NH_3). The flow meter must be accurate to +/- 5 percent and calibrated annually. Maintain ammonia injection rate between 12 and 200 pounds per hour (except during startups and shutdowns).	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Calibrate NH3 Meter	Once every 12 months	Ongoing		Not Started											SERC	DSR

Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)

CBO Color Code:
Pre- Construction
Construction
Commissioning
Operations

All Phases 6/30/2040

Revised 4/30/2019 **Based on Final Staff Assessment**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
5	Technical Resource	Cond. #	Phase	Description	Verification/Action/Submittal	Submittal	Date Submittal is Required	Due Date	Date Submitted to CPM	Compliance Status for CPM (Not started, in progress, completed (with date))	Date Approved by CPM	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
34	AQ	AQ-D7a	COM/OPS	**SCR Temperature Gauge** - Install a gauge to measure temperature of the SCR reactor inlet. Temperature should be recorded once per hour and calibrated based on the average of the continuous monitoring for that hour. The gauge should be accurate to +/- 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).	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Calibrate SCR Inlet temperature gauge	Prior to first fire	12/14/2019		Not Started											SERC	DSR
35	AQ	AQ-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).	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Documentation demonstrating compliance in Quarterly Operations Report, including table of shutdowns	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started											SERC	DSR
36	AQ	AQ-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).	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Calibrate SCR Inlet temperature gauge	Once every 12 months	Ongoing		Not Started											SERC	DSR
37	AQ	AQ-D8a	COM/OPS	**SCR Pressure Gauge** - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Calibrate DP pressure gauge	Prior to first fire	12/14/2019		Not Started											SERC	DSR
38	AQ	AQ-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.	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Documentation demonstrating compliance in Quarterly Operations Report, including table of shutdowns	Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started											SERC	DSR
39	AQ	AQ-D8c	COM/OPS	**SCR Pressure Gauge** - Install a gauge to measure differential pressure across the SCR catalyst bed in inches water column. Pressure should be recorded at least once per month and calculated based on the average of the continuous monitoring for that month The gauge should be accurate to +/- 5 percent and calibrated once per 12 months. Maintain pressure differential not to exceed between 6.0 inches water column.	Documentation of compliance in the Monthly Compliance Report. Owner to make site available for inspection of records by District, ARB, and Commission. (See also AQ-D4).	Calibrate DP pressure gauge	Once every 12 months	Ongoing		Not Started											SERC	DSR
40	AQ	AQ-E1	CONS	The project owner shall upon completion of construction, operate and maintain this equipment according to the following requirements: In accordance with all air quality mitigation measures stipulated in the final California Energy Commission decision for the 16-AFC-01 project. [CA PRC CEQA, 5-12-2017] [Devices subject to this condition: D1, C3, C4, D7, C9, C10, D13]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	make the site available for inspection	ongoing	Ongoing		Not Started											SERC	DSR
41	AQ	AQ-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.	Owner to make site available for inspection of records by District, ARB, US EPA, and the Commission.	representatives of the District, ARB, U.S. EPA and the Energy Commission.	NA	Conditional		Not Started											SERC	DSR
42	AQ	AQ-E3	COM/OPS	**Commissioning Hours** - Total commissioning hours shall 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.	Submit all records to demonstrate compliance in the Quarterly Operational Report. Owner to make site available for inspection of records by District, ARB, US EPA, and Commission.	Submit records including total commissioning hours, emission hours without control, natural gas fuel use for pre-catalyst phase and catalyst phase per turbine.	Submit compliance documentation as part of the Quarterly Operational Report, per AQ-SC7	Ongoing		Not Started											SERC	DSR

Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)

All Phases | 6/30/2040

CBO Color Code: Pre- Construction | Construction | Commissioning | Operations

Revised 4/30/2019 | **Based on Final Staff Assessment**

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
AQ	AQ-E4	COM/OPS	**CO_2 Emission Limit** - 120 lbs/MMBtu CO_2 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.	Submit all emissions and emission calculationsk to demonstrate compliance to the CPM for approval.	Submit all emissions and emission calculations as part of the 4th Quarterly Operational Report (AQ-SC7).		Ongoing		Not Started										SERC	DSR
AQ	AQ-E5	COM/OPS	The project owner shall vent this equipment, during filling, only to the vessel from which it is being filled.	Make the site available for inspection by representatives of the District, ARB, EPA and the Energy Commission.			Ongoing		Not Started										SERC	DSR
AQ	AQ-F1	CONS/COM/ OPS	**Air Discharge Limits** - Except for open abrasive blasting operations, the project owner shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is: (a) As dark or darker in shade as that designated No. 1 on the Ringelmann chart, as published by the United States Bureau of Mines; or (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.	Make the site available for inspection by representatives of the District, ARB, EPA and the Commission.	NA	Design and operation	Conditional		Not Started										SERC	DSR
AQ	AQ-H1	COM/OPS	**NOx CEMS Performance Evaluation** - Initial performance test of the turbine to demonstrate compliance of §60.4380, and §	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.		No later than 180 days after initial start-up	6/11/2020		Not Started										SERC	DSR
AQ	AQ-H2	COM/OPS	**Nox CEMS requirements** - The Nox CEMS shall comply with the requirements of conditions D82.2 (AQDS), H23.1 (AQ-H1), and H23.2 (AQ-H2).	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.			Ongoing		Not Started										SERC	DSR
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.			Ongoing		Not Started										SERC	DSR
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.			Ongoing		Not Started										SERC	DSR
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.		Source test results	No later than 90 days following the source test date	TBD		Not Started										SERC	DSR
AQ	AQ-K2	CONS/COM/ OPS	The project owner shall keep records, in a manner approved by the district, for the following parameter(s) or item(s): For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings. For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings. [RULE 3004(a)(4) - Periodic Monitoring, 12-12-1997] [Devices subject to this condition: E14]	The project owner shall make the site available for inspection by representatives of the District, ARB, U.S. EPA and the Energy Commission.	make site available for inspection	ongoing	Ongoing		Not Started										SERC	TLB
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.	Project owner shall submit to the CPM for approval, the name, resume, qualifications, and contact information for the on-site AQCMM and all AQCMM Delegates. The AQCMM and all delegates must be approved by the CPM and all AQCMM Delegates before the start of ground disturbance.	Resume of AQCMM & AQCMM Delegates	At least 60 days prior to ground disturbance	11/3/2018	11/1/2018 Additional Delegates (03/27/2019)	Completed	11/6/2018 04/03/2019									SERC	GAL
AQ	AQ-SC2	PC	**Air Quality Construction Mitigation Plan** - The project owner shall provide an AQCMP, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with AQSC3, AQ-SC4, and AQ-SC5.	Submit the AQCMP to the CPM for approval and the South Coast Air Quality Management District (District). The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.	AQCMP	At least 60 days prior to ground disturbance	11/3/2018	11/1/2018	Completed	11/19/2018									SERC	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
54	AQ	AQ-SC3	CONS	**Air Quality Fugitive Dust MCR** - The AQCMM shall submit documentation to the CPM in each Monthly Compliance Report (MCR) that demonstrates compliance with the following mitigation measures for the purposes of minimizing fugitive dust emissions created from construction activities and preventing all fugitive dust plumes from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM notification and approval. (See Decision for list of items (A through N).	Provide a Monthly Compliance Report to the CPM that summarizes all actions taken to maintain compliance with this condition, including complaints filed with the District and other documentation necessary.	MCR	Monthly	Ongoing		In Progress										SERC	GAL
55	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 **Decision** AQ-SC4 for Steps 1 through 3 for dust plume response)	Provide a Monthly Compliance Report to the CPM that summarizes all actions taken to maintain compliance with this condition, including complaints filed with the District and other documentation necessary.	MCR	Monthly	Ongoing		In Progress										SERC	GAL
56	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).	Include a table in the MCR: (1) a summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that the equipment has been properly maintained; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition.	MCR	Monthly	Ongoing		In Progress										SERC	GAL
57	AQ	AQ-SC6a	CONS/COM/ OPS	Air Permit Modifications - The project owner shall provide the CPM copies of any District-issued project air permit for the facility. The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM any 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.	Submit any proposed air permit modification to the CPM within five working days of either: 1) submittal by the project owner to an agency, or 2) receipt of proposed modifications from an agency.	Air permit modifications (if needed)	Within 5 working days of proposing permit modification.	Conditional		Conditional										SERC	GAL
58	AQ	AQ-SC6b	CONS/COM/ OPS	Submit Modified Air Permit - See AQ-SC6a	Submit modified permit to CPM	Modified permit	Within 15 days of receipt	Conditional		Conditional										SERC	GAL
59	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.			Quarterly, no less than 30 days after end of the quarter (See AQ-SC7)	Ongoing		Not Started										SERC	DSR
60	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.	DB Resume	At least 75 days prior to the start of pre-construction site mobilization activities.	10/19/2018	9/27/2018	Completed	10/17/2018									JACOBS	GAL
61	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		Conditional										JACOBS	GAL
62	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)	Submit in the monthly compliance report to the CPM copies of all written reports and summaries that document construction activities that have the potential to affect biological resources.	Reports and summaries in the MCR and Annual Compliance Report.	Monthly/Annually	Ongoing		In Progress										SERC	GAL

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63	BIO	BIO-2b	OPS	**Designated Biologist Duties** - The project owner shall ensure that the Designated Biologist performs the following during any site (or related facilities) mobilization, 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)	Submit in the monthly compliance report to the CPM copies of all written reports and summaries that document construction activities that have the potential to affect biological resources.	MCR's and ACR's	Monthly/Annually	Ongoing		In Progress											SERC	GAL
64	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
65	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	Completed	4/18/2019										JACOBS	GAL
66	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		Conditional										JACOBS	GAL
67	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(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.	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		Conditional										SERC	GAL
68	BIO	BIO-5a	PC	**Worker Environmental Awareness Program, Biological Resources** - The project owner shall develop and implement a project-specific Worker Environmental Awareness Program (WEAP) and shall secure approval for the WEAP from the CPM in consultation with USFWS and CDFW. The WEAP shall be administered to all onsite personnel including surveyors, construction engineers, employees, contractors, contractor's employees, supervisors, inspectors, subcontractors, and delivery personnel. The WEAP shall be implemented during site mobilization, ground disturbance, grading, construction, operation, and closure.	No less than 45 days prior to the 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) administering the program.	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
69	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
70	BIO	BIO-5c	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.	Training acknowledgement forms and issue hard hat stickers	Kept on file for six months after commercial operation begins	11/28/2020		In Progress										ARB	GAL

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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	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.	Provide monthly compliance report of number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date	Monthly	Ongoing		In Progress										ARB	GAL
72	BIO	BIO-5e	CONS/COM/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.	Provide annual WEAP training to permanent employees and WEAP training for new employees	Annually for permanent employees, training within 1 week for new employees	Annual training and new employee training		Not Started										SERC	DSR
73	BIO	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).	Provide the draft BRMIMP to the 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	12/21/2019	10/19/2018	Completed	12/13/2018									JACOBS	GAL
74	BIO	BIO-6b	PC/CONS/OPS	**Additional Permits (BRMIMP)** - See BIO-6a If additional permits are received after the BRMIMP is first submitted, provide these to the CPM and submit a revised BRMIMP.	Submit permits not received before the draft BRMIMP is submitted to the CPM. Revised and re-submit the BRMIMP to include discussion of such permits.	Revised BRMIMP	Submit copies to CPM with 5 days of receipt. Provide revised BRMIMP within 10 days of permit receipt	Conditional		Conditional										JACOBS	GAL
75	BIO	BIO-6c	PC/CONS	**Modifying the BRMIMP** - The project owner shall notify the CPM no less than 5 working days before implementing any modifications to the approved BRMIMP to obtain CPM approval.	Notify the CPM in 5 working days. Any changes to the approved BRMIMP must also be approved by the CPM in consultation with appropriate agencies to ensure no conflicts exist.	Modifications to approved BRMMP	Notify CPM no less than 5 working days before implementing the modificaitons	Conditional		Conditional										SERC	GAL
76	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).	Document compliance in MCR	MCR	Monthly	Ongoing		In Progress										SERC	GAL
77	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	5/6/2020		Not Started										JACOBS	GAL
78	BIO	BIO-7a	CONS	**General Impact Avoidance and Mitigation Measures** - Implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See **Decision** for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.	Monthly Compliance Report	Monthly	Ongoing		In Progress										SERC	GAL
79	BIO	BIO-7b	CONS	**General Impact Avoidance and Mitigation Measures** - Implement the following measures during mobilization and construction to avoid and minimize impacts to biological resources: (See **Decision** for 12 specific measures).	All mitigation measures and their implementation methods shall be included in the BRMIMP.	Construction Closure Report (See BIO-6c)	Within 30 days of the completion of construction (CCR), implementation of measures ongoing during construction.	5/6/2020		Not Started										JACOBS	GAL
80	BIO	BIO-8a1	PC/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 **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.	Notify to the CPM, CDFW, and USFWS at least 2 weeks prior to initiating surveys; notification shall include the name and resume of the biologist(s) conducting the surveys and the timing of the surveys.	Provide field notes to CPM and CDFW within 24 hours of survey.	Notify CPM, CDFW, and USFWS 2 weeks before survey.	2/1/2019 or 2/4/2019	1/22/2019	In Progress								CDFW, USFWS	1/22/2019		JACOBS	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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2	**All Phases**							6/30/2040							Construction						
3															Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**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**
81	BIO	BIO-8a2	CONS	**Pre-Construction Nest Surveys and Impact Avoidance and Minimization Measures for Breeding Birds - Field Notes** - Pre-construction nest surveys shall be conducted if construction work will occur from February 15 through August 31 The term "work" shall be defined as all site assessment, pre-construction activities, site mobilization, and ground disturbing construction activities. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the following 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. Once survey within 3 days before construction start. Establish buffer zones for active nests. Inform the CPM of nest finds.	Notify to the CPM, CDFW, and USFWS at least 2 weeks prior to initiating surveys; notification shall include the name and resume of the biologist(s) conducting the surveys and the timing of the surveys.	Provide field notes to CPM and CDFW within 24 hours of survey.	Provide field notes within 24 hours of survey	1/21/2019, 2/1/2019, 2/4/2019 2/11/2019 For Gas Line: 5/7/19	1/22/2019 2/1/2019 5/7/19	In Progress								CDFW, USFWS			JACOBS	GAL
82	BIO	BIO-8b	CONS	**Preconstruction Nest Survey Letter Report** - (See **Decision** BIO-8a for specific guideline items)	Letter-report to CPM, CDFW, and USFWS describing the findings of the preconstruction nest surveys	Letter report of preconstruction survey findings	Prior to the start of pre-construction mobilization	1/22/2019, 2/2/2019, 2/5/2019 (optional) 2/12/2019	1/28/2019 2/8/2019 2/27/2019	In Progress	N/A						CDFW, USFWS	Gas Line: 5/7/19		JACOBS	GAL
83	BIO	BIO-8c	CONS	**Implementation of Nest Surveys and Inclusion in BRMIMP** - (See **Decision** BIO-8a for specific guideline items)	All impact avoidance and minimization measures related to nesting birds shall be included in the BRMIMP and implemented.	Revised BRMIMP (BIO-6)	After pre-construction nesting surveys	Ongoing	N/A	Ongoing	N/A									JACOBS	GAL
84	BIO	BIO-8d	CONS	**Monthly Reporting for Preconstruction Nest Surveys** - (See **Decision** BIO-8 for 8 specific guideline items)	Implementation of the measures shall be reported in the MCRs by the Designated Biologist.	MCR	Monthly	Ongoing		In Progress										JACOBS	GAL
85	BIO	BIO-9a	CONS	**Jack and Bore Drilling Best Management Practices** - During construction using jack and bore drilling techniques the Designated Biologist or Biological Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to monitor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including but not limited to: (See **Decision** for 6 items)	Notify the CPM and CDFW in the event of a frac-out, non-compliance, or halt of jack-and-bore operations.	Notification of a frac-out to CPM and CDFW	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional		Not Started										SERC	GAL
86	BIO	BIO-9b	CONS	**Jack and Bore Drilling Best Management Practices** - During construction using jack and bore drilling techniques the Designated Biologist or Biological Monitor must be present at all times. The Designated Biologist or Biological Monitor must be allowed to monitor all activities pertaining to drilling under Carbon Creek Channel and the Anaheim-Barber Channel, and shall be given authority to do the following, including but not limited to: (See **Decision** for 6 items)	Notify the CPM and CDFW in the event of a frac-out, non-compliance, or halt of jack-and-bore operations.	Notification of any non-compliance or a halt of any jack and bore drilling operations to CPM and CDFW and actions being taken to resolve the problem	No later than the following morning of the incident or Monday morning in case of a weekend	Conditional		Not Started										SERC	GAL
87	CIVIL	CIVIL-1a	PC/CONS	**Drainage Structure Design and Grading Plan** - Submit to the CBO for review and approval the design of the proposed drainage structures and the grading plan; an erosion and sedimentation control plan; a construction storm water pollution prevention plan; related calculations and specifications, signed and stamped by the responsible civil engineer; and soils, geotechnical, or foundation investigations reports required by the 2016 CBC.	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Proposed drainage structures and grading plan	At least 15 days prior to the start of site grading	12/18/2018	1/17/2019	Completed	1/18/2019				1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT
88	CIVIL	CIVIL-1b	PC	**Erosion and Sedimentation Control Plan** - See CIVIL-1a	15 days before site grading	Erosion and Sedimentation Control Plan	At least 15 days prior to the start of site grading	12/18/2018	1/17/2019	Completed	1/18/2019				1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT
89	CIVIL	CIVIL-1c	PC	**Construction Stormwater Pollution Prevention Plan** - See CIVIL-1a	15 days before site grading	Construction Stormwater Pollution Prevention Plan	At least 15 days prior to the start of site grading	12/18/2018	1/17/2019	Completed	1/18/2019				1/7/2019	2/6/2019				SERC	TAT
90	CIVIL	CIVIL-1d	PC	**Related Calculations and Specs Stamped by Civil Engineer** - See CIVIL-1a	15 days before site grading	Related Calculations and Specs Signed and Stamped by Responsible Civil Engineer	At least 15 days prior to the start of site grading	12/18/2018	N/A	N/A	N/A				1.1: 1/17/2019 1.2: 1/18/19	1.1: 2/8/19 (conditional) 1.2: 2/8/19				SERC	TAT
91	CIVIL	CIVIL-1e	PC	**Soils, Geotechnical, or Foundation Reports** - See CIVIL-1a	15 days before site grading	Soil, Geotechnical, or Foundation Investigation Reports	At least 15 days prior to the start of site grading	Ongoing	N/A	N/A	N/A				Ongoing					SERC	TAT
92	CIVIL	CIVIL-1f	PC	**Approval of all CIVIL 1a Submittals Noted in MCR** - See CIVIL-1a	Statement in the MCR certifying that the documents (CIVIL-1a) have been approved by the CBO.	MCR	Next MCR after approval by CBO	Monthly Compliance Report		In Progress					3/13/19 4/11/19					SERC	GAL
93	CIVIL	CIVIL-2a	CONS	**Adverse Soil/Geologic Conditions** - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions.	Submit modified plans, specifications, and calculations to CBO	when unforseen adverse soil or geologic conditions are identified by RE	Conditional		Conditional						Conditional					SERC	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
94	CIVIL	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.	The project owner shall notify the CPM within 24 hours when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions.	Notify CPM of a work stoppage	Notify within 24 hours	Conditional		Conditional					Conditional					SERC	GAL
95	CIVIL	CIVIL-2c	CONS	**Adverse Soil/Geologic Conditions** - The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or the civil engineer experienced and knowledgeable in the practice of soils engineering, identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications, and calculations to the CBO based on these new conditions. The project ownershall obtain approval from the CBO before resuming earthwork and construction in the affected area.	Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval	Copy of CBO's approval letter to CPM	Within 24 hours of the CBO's approval to resume work	Conditional		Conditional										SERC	GAL
96	CIVIL	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 inspection by the CBO. If, in the course of inspection, it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO a non-conformance report (NCR), and the proposed corrective action for review and approval.	RE will submit non-conformance report to CBO and proposed corrective action	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional		Conditional					conditional					SERC	TLB/TAT
97	CIVIL	CIVIL-3b	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.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CPM a non-conformance report (NCR), and the proposed corrective action for review and approval.	RE will submit non-conformance report to CPM and proposed corrective action	Non-conformance report within 5 days of the discovery of any discrepancies	Conditional		Conditional										SERC	TLB/TAT
98	CIVIL	CIVIL-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.	Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO	Project owner shal submit details of corrective action to CBO	within 5 days of resolution of non-compliance report	Conditional		Conditional					conditional					SERC	TLB/TAT
99	CIVIL	CIVIL-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.	Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CPM	Project owner shal submit details of corrective action to CBO	within 5 days of resolution of non-compliance report	Conditional		Conditional					conditional					SERC	TLB/TAT
100	CIVIL	CIVIL-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.	A list of NCRs for the reporting month shall also be included in the following monthly compliance report.	MCR	Monthly	Ongoing		In Progress										SERC	TLB

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
101	CIVIL	CIVIL-4a	CONS	**Final Grading Plan Approval** - After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	CBO's approval of final erosion and sedimentation control and drainage work.	Final grading and drainage plans with engineer's signed statement (See **Decision** wording).	Within 30 days of the completion of the erosion and sediment control mitigation and drainage work (or CBO approved alternative time frame)	At final completion of grading		In Progress											POWER	TAT
102	CIVIL	CIVIL-4b	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.	CBO's approval of final erosion and sedimentation control and drainage work.	Project owner shall submit copy of CBO's approval to CPM in next monthly compliance report	Upon CBO approval in next monthly compliance report	Monthly Compliance Report	9/14/2018	Completed	10/19/2018										SERC	GAL
103	COM	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.	Although the CPM will normally schedule site visits on dates and times agreeable to the project owner, the CPM reserves the right to make unannounced visits at any time, whether such visits are by the CPM in person or through representatives from Energy Commission staff, delegated agencies, or consultants.	NA	Life of the project	Conditional		In Progress										SERC	TLB
104	COM	COM-10	PC/CONS/COM/OPS	**Amendments, Staff-Approved Project Modifications, Ownership Changes, and Verification Changes** - The project owner shall petition the Energy Commission, pursuant to Title 20, California Code of Regulations, section 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 requirements of section 1769. Section 1769 details the required contents for a Petition to Amend an Energy Commission Decision. The only change that can be requested by means of a letter to the CPM is a request to change the verification method of a condition of certification.	A project owner is required to submit a $5,000 dollar fee for every petition to amend a previously certified facility, pursuant to Public Resources Code section 25806(e). If the actual amendment processing costs exceed $5,000.00, the total 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/filing_fees.html.	Petition to amend, fees	Life of the project	Conditional	PTA#1 - Additional Laydown Area - 5/22/2019	In Progress									SERC	PZC
105	COM	COM-11	PC/CONS/COM/OPS	**Reporting of Complaints, Notices, and Citations** - Prior to the start of construction or closure, the project owner shall send a letter to property owners within one 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).	The project owner shall respond to all recorded complaints within 24 hours or the next business day. The project owner shall post the telephone number onsite and make it easily visible to passersby during construction, operation, and closure. The project owner shall provide the contact information to	Reports of complaints	Within 5 business days of complaint receipt, and MCR, ACR, or PCR.	10/18/2018	12/17/2018	Completed	1/17/2019										SERC	GAL
106	COM	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.	See **Decision** COM-12 for specifications	Emergency Response Site Contingency Plan	60 days before start of construction	1/21/2019	1/25/2019	Completed	1/29/2019										SERC	TLB
107	COM	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.	See **Decision** COM-12 for specifications	Updated Emergency Response Site Contingency Plan	60 prior to COD	4/2/2020		Not Started										SERC	DSR
108	COM	COM-13a	CONS/COM/OPS	**Incident-Reporting Requirements** - The project owner shall notify the CPM within one hour after it is safe and feasible, of any incident at the facility that results in (See **Decision** COM-13 for incident types that apply).	In case of forced outage, fire suppression; chemical, gas, or hazmat release; odorous material release; emergency response incident.	Detailed Incident Report	Within 6 business days of the incident	Conditional		Conditional										SERC	GAL

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
6	COM	COM-13b	CONS/COM/OPS	**Incident-Reporting Requirements** - The project owner shall notify the CPM within one hour after it is safe and feasible, of any incident at the facility that results in (See **Decision** COM-13 for incident types that apply).	After the initial 6-day report, the project owner shall start submitting monthly status reports; within 48-hours of a request by the CPM, the project owner shall submit a status report. Status reports shall include the activities already taken, and those currently being taken, to remedy the impacts of the incident. The CPM will determine when	monthly status reports	monthly after incident	Conditional		Conditional											SERC	GAL
109																					
110	COM	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.			No later than two weeks prior to facility's planned non-operation.	6/16/2040		Conditional										SERC	DSR
111	COM	COM-15	OPS	**Facility Closure Planning** -No less than one year prior to closing, or upon an order compelling permanent closure, the owner shall submit a Final Closure Plan and Cost Estimate.			No less than one year prior to closing, or upon an order compelling permanent closure.	7/1/2039		Not Started										SERC	DSR
112	COM	COM-2	PC/CONS/COM/OPS	**Compliance Record** - The project owner shall maintain electronic copies of all project files and submittals on-site, or at an alternative site approved by the CPM, for the operational life and closure of the project.	Energy Commission staff and delegate agencies shall, upon request to the project owner, be given unrestricted access to the files maintained pursuant to this condition. Files include Final Decision; Petitions, Amendments	NA	Life of the project	Ongoing		In Progress										SERC	TLB
113	COM	COM-3	PC/CONS/COM/OPS	**Compliance Verification Submittals** - Verification lead times associated with the start of construction may require the project owner to file submittals during AFC or amendment processing, particularly if construction is planned to commence shortly after certification. The verification procedures, unlike the conditions, may be modified as necessary by the CPM after notice to the project owner.	A cover letter from the project owner or an authorized agent is required for all compliance submittals and correspondence pertaining to compliance matters. (See **Decision** COM-3 for additional specifications).	Verification submittals	Life of the project	Ongoing		In Progress										SERC	GAL
114	COM	COM-4a	PC	**Pre-Construction Matrix and Tasks Prior to Start of Construction.** Prior to construction, the project owner shall submit to the CPM a compliance matrix including only those conditions that must be fulfilled before the start of construction. The matrix shall be included with the project owner's first compliance submittal or prior to the first pre-construction meeting, whichever comes first, and shall be submitted in a format similar to the description below (See **Decision** COM-4 for specifications).	Site mobilization and construction activities shall not start until the following have occurred: 1. the project owner has submitted the pre-construction matrix and all compliance verifications pertaining to pre-construction conditions of certification;	Pre-construction matrix and pre-construction verifications	Before site mobilization	10/19/2018	9/14/2018	Completed	10/19/2018				(Ref Only)					SERC	GAL
115	COM	COM-4b	PC	**Pre-Construction Matrix and Tasks Prior to Start of Construction.** Prior to construction, the project owner shall submit to the CPM a compliance matrix including only those conditions that must be fulfilled before the start of construction. The matrix shall be included with the project owner's first compliance submittal or prior to the first pre-construction meeting, whichever comes first, and shall be submitted in a format similar to the description	Site mobilization and construction activities shall not start until the following have occurred: 2. the CPM has issued an authorization-to-construct letter to the project owner.	Pre-construction matrix and pre-construction verifications	Before site mobilization	12/31/2018	9/14/2018	Completed	10/19/2018				(Ref Only)					SERC	GAL
116	COM	COM-5	PC/CONS/OPS	**Compliance Matrix** - The project owner shall submit a compliance matrix to the CPM with each MCR and ACR.	The compliance matrix shall identify the technical area; Condition number; description of the required action or submittal; date required; expected or actual submittal date; compliance status; updated condition language, if amended, and date amended.	Compliance Matrix with MCR and ACR	Monthly with MCR and annually with ACR	Ongoing		In Progress					(Ref Only)					SERC	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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2	**All Phases**							6/30/2040						Construction							
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4				**Revised 4/30/2019**		**Based on Final Staff Assessment**								Operations							
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**Condition Amended? Yes or No**	**Condition Amendment Date**	**Amended Language**	**Date Submitted to CBO** (Ref Only)	**Date Approved by CBO**	**Other Agencies to submit to?**	**Date Submitted to Other agencies**	**Date Approved by Other Agencies**	**Responsible Party**	**SERC Project Manager**
117	COM	COM-6	PC/CONS	**Monthly Compliance Report** - The first MCR is due one month following the docketing of the project's Decision unless otherwise agreed to by the CPM. (See **Decision** COM-6 for specifications).	During pre-construction, construction, or closure, the project owner or authorized agent shall submit an electronic searchable version of the MCR to the CPM. MCRs shall be submitted	MCR	Monthly, within 10 business days after the end of each reporting month.	Ongoing		In Progress										SERC	GAL
118	COM	COM-7	CONS/COM/ OPS	**Annual Compliance Report** - After construction is complete, the project must submit searchable electronic ACRs to the CPM, as well as other periodic compliance reports (PCRs) required by the various technical disciplines. ACRs shall be completed for each year of commercial operation and are due each year on a date agreed to by the CPM. Other PCRs (e.g. quarterly reports or	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	After construction is complete	Ongoing		Not started										SERC	DSR
119	COM	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
120	COM	COM-9	PC/CONS/C OM/OPS	**Annual Energy Facility Compliance Fee** - Pursuant to the provisions of section 25806(b) of the Public Resources Code, the project owner is required to pay an annually adjusted compliance fee.	The initial payment is due on the date the Energy Commission dockets its Final Decision. All subsequent payments are due by July 1 of each year in which the facility retains its certification.	Annual Compliance Fee: See http://www.energy.ca.gov/siting/filing_fees.html	Annually, July 1	Ongoing	11/8/2018 6/6/2019	In Progress	11/9/2018									SERC	GAL
121	CUL	CUL-1a	PC	**Cultural Resources Specialist, Monitors, and Technical Specialist** - The project owner shall assign a Cultural Resources Specialist (CRS) and at least one Alternate CRS to the project. The project owner shall submit the resumes of the proposed CRS and Alternative CRS(s), with at least three references and contact information, to the Energy Commission Compliance Project Manager (CPM) for review and approval. (See **Decision** for CRS qualifications and duties). (CUL-1 Section D.1)	At least 75 days prior to the start of ground disturbance, site preparation, or post-certification cultural resources activities.	CRS & Alternates Resume	At least 75 days prior to the start of ground disturbance, site preparation, or post-certification cultural resources activities.	10/19/2018	9/27/2018 3/6/2019 (alt)	Completed	10/18/2018 3/11/2019 (alt)									JACOBS	GAL
122	CUL	CUL-1b	CONS	**Replacement CRS** - See CUL-1a (CUL-1 Section D.2)	The project owner may replace a CRS. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent CRS is proposed to the CPM for consideration.	Resume, references, and contact information of CRS	At least 10 days working days before termination or release of the CRS	Conditional		Conditional										JACOBS	GAL
123	CUL	CUL-1c	PC	**Cultural Resources Monitors and Specialists** - See Cul-1a (CUL-1 Section D.3)	The CRS shall provide proof of qualifications for any anticipated CRMs, NAMs, and additional specialists for the project to the CPM.	Qualifications of CRMs and additional specialists	At least 20 days prior to ground disturbance	12/13/2018	11/16/2018 6/14/2019	Completed Pending	12/3/2018									JACOBS	GAL
124	CUL	CUL-1d	PC	**Native American Monitors** - See Cul-1a (CUL-1 Section D.4)	If efforts to obtain the services of a qualified NAM are unsuccessful, the project owner shall inform the CPM.	Communication with CPM documenting efforts to obtain services of a qualified NAM	At least 30 days prior to the beginning of post-certification cultural resources field work or construction-related ground disturbance	12/3/2018	11/16/2018	Completed	12/3/2018									JACOBS	GAL
125	CUL	CUL-1e	PC/CONS	**Additional Cultural Resources and Native American monitors** - See Cul-1a (CUL-1 Section D.5)	The owner may submit qualifications for additional CRMS or NAMs as needed.	Submit qualifications to the CPM for review and approval	At least 5 days prior to the CRMs or NAMS beginning on-site duties	Conditional		conditional										JACOBS	GAL
126	CUL	CUL-1f	PC/CONS	**Additional Cultural Resources Specialists** - See Cul-1a (CUL-1 Section D.5)	The owner may submit qualifications for cultural resources specialists.	Submit qualifications to the CPM for review and approval	At least 5 days prior to the specialists beginning on-site duties	Conditional	3/6/2019 4/26/2019	conditional	3/11/2019 4/29/2019									JACOBS	GAL
127	CUL	CUL-1g	PC	**New technical specialist** - See Cul-1a - (CUL-1 Section D.6)	Owner must submit resume(s) of any technical specialist to CPM for review and approval	Submit resume(s) to CPM	At least 10 days prior to technical specialist beginning task	Conditional		conditional										JACOBS	GAL
128	CUL	CUL-1h	PC	**Availability of CRS** - See Cul-1a - (CUL-1 Section D.7)	Owner must confirm in writing that the approved CRS will be available for onsite work and will implement the cultural resources conditions.	Submit letter confirming the availability of the CRS.	At least 10 days before the start of construction related ground disturbance	12/23/2018	1/3/2019	Completed	1/8/2019									JACOBS	GAL
129	CUL	CUL-1i	PC	**CPM Approval of CRS and Alternatives** - See Cul-1a - (CUL-1 Section D.8)	No ground disturbance shall occur prior to CPM approval of CRS and alternatives unless such activites are approved by the CPM	Receive approval letter from CPM	No ground disturbance shall occur without approval	Conditional		Conditional										JACOBS	GAL
130	CUL	CUL-1j	CONS	**Discharge the CRS, after receiving approval from the CPM.** - See Cul-1a - (CUL-1 Section A.1.2)	After all ground disturbances are completed and the CRS has fulfilled all responsibilities specified in these cultural resources conditions, the project owner may discharge the CRS, after receiving approval from the CPM.	Submit to request to the CPM to discharge the CRS	After all ground disturbances are completed and the CRS has fulfilled all responsibilities specified in these cultural resources conditions	12/20/2019		Not Started										JACOBS	GAL

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
131	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.	At least 40 days prior to the start of construction-related ground disturbance, provide the AFC, data responses, confidential cultural resources documents, and the Energy Commission FSA to the CRS, if needed, and the subject maps and drawings to the CRS and CPM. The CPM will review submittals in consultation with the CRS and approve maps and drawings suitable for cultural resources planning activities.	Documents, maps and drawings	At least 40 days prior to the start of construction-related ground disturbance	11/23/2018	11/19/2018	In Progress	12/3/2018								JACOBS	GAL
132	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
133	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.	At least 15 days prior to the start of each phase of a phased project, the project owner shall submit the appropriate maps and drawings, if not previously provided, to the CRS and CPM.	Maps and drawings	At least 15 days prior to the start of a construction phase	Conditional		In Progress										JACOBS	GAL
134	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.	Provide a schedule of the next week's project activity to the CRS and CPM	Schedule of next week's activities by e-mail, letter, or fax	Weekly during ground disturbance	Weekly		In Progress										ARB	GAL
135	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		Conditional										ARB	GAL
136	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.	Documents, maps and drawings	Within 10 days of the approval of the new CRS	Conditional		Conditional										JACOBS	GAL
137	CUL	CUL-3a	PC	**Cultural Resources Monitoring and Mitigation Plan (CRMMP)** - Submit the Cultural Resources Monitoring and Mitigation Plan (CRMMP), as prepared by or under the direction of the CRS and as described in this condition (See **Decision** CUL-3), to the CPM for review and approval. Implementation of the CRMMP shall be the responsibility of the CRS and the project owner. No ground disturbance shall occur prior to CPM approval of the CRMMP, unless such activities are specifically approved by the CPM.	Upon approval of the CRS proposed by the project owner, the CPM will provide to the project owner an electronic copy of the draft model CRMMP for the CRS. At least 30 days prior to the start of ground disturbance, submit the CRMMP to the CPM for review and approval.	Draft CRMMP	At least 30 days prior to the start of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018										JACOBS	GAL
138	CUL	CUL-3b	PC	**Agreement to Pay Curation Fees** - See CUL-3a	At least 30 days prior to the start of ground disturbance, in a letter to the CPM, agree to pay curation fees for any materials generated or collected as a result of the archaeological investigations (survey, testing, data recovery).	Letter confirming agreement to pay curation fees	At least 30 days prior to the start of ground disturbance	12/3/2018	11/26/2018	Completed	12/18/2018										JACOBS	GAL
139	CUL	CUL-3c	CONS/COM/OPS	**Written Agreement with Curation Facility** - If cultural materials requiring curation were generated or collected, the project owner shall provide to the CPM a copy of an agreement with, or other written commitment from, a curation facility that meets the standards stated in the State Historic Resources Commission's (SHRC) Guidelines for the Curation of Archaeological Collections (1993, or future updated guidelines from SHRC), to accept the cultural materials from this project. Any agreements concerning curation will be retained and available for audit for the life of the project.	Provide a copy of a written agreement with a qualified curation facility.	Written agreement with curation facility	90 days after completion of ground disturbance (including landscaping)	Conditional		Conditional										JACOBS	GAL

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140	CUL	CUL-4a	CONS/COM/ OPS	**Final Cultural Resources Report** - The project owner shall submit the final CRR to the CPM for approval. The final CRR shall be written by, or under the direction of, the CRS and shall be provided in the Archaeological Resource Management Report (ARMR) format. The final CRR shall report on all field activities including dates, times and locations, results, samplings, and analyses. All survey reports, DPR 523 forms, data recovery reports, and any additional research reports not previously submitted to the California Historical Resources Information System (CHRIS) shall be included as appendices to the final CRR.	Submit the CRR to the CPM for review and approval.	Cultural Resource Report	Within 30 days of suspension of construction activities (suspended project)	Conditional		Not Started										JACOBS	GAL
141	CUL	CUL-4b	CONS/COM/ OPS	**Final Cultural Resources Report** - The project owner shall submit the final CRR to the CPM for approval. The final CRR shall be written by, or under the direction of, the CRS and shall be provided in the Archaeological Resource Management Report (ARMR) format. The final CRR shall report on all field activities including dates, times and locations, results, samplings, and analyses. All survey reports, DPR 523 forms, data recovery reports, and any additional research reports not previously submitted to the California Historical Resources Information System (CHRIS) shall be included as appendices to the final CRR.	Submit the CRR to the CPM for review and approval.	Cultural Resource Report	Within 90 days of the completion of ground disturbance (completed project)	12/20/2019		Not Started										JACOBS	GAL
142	CUL	CUL-4c	CONS/COM/ OPS	**Documentation sent to CHRIS** - See Cul-4a	Provide final CRR to the California Historical Resources Information System and curation institution (if artifacts curated) and tribes requesting copies.	Cultural Resource Report	Within 10 days after approval of CRR	Conditional		Conditional										JACOBS	GAL
143	CUL	CUL-5a	PC	**Worker Environmental Awareness Program, Cultural Resources** - Prior to and for the duration of construction-related ground disturbance, provide Worker Environmental Awareness Program (WEAP) training, as described in the condition (See **Decision** CUL-5) to all new workers within their first week of employment. No construction-related ground disturbance shall occur prior to implementation of the WEAP program, unless such activities are specifically approved by the CPM.	The CRS shall provide the training program draft text and/or training video, including graphics, and the informational brochure to the CPM for review and approval.	Draft WEAP	At least 30 days prior to the beginning of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018									JACOBS	GAL
144	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	N/A	Completed	11/8/2018									ARB	GAL
145	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 completed 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		In Progress										SERC	GAL
146	CUL	CUL-6a	PC	**Cultural Resources Monitoring, Letter to Native Americans** - The project owner shall ensure that a CRS, alternate CRS, or CRMs shall be on site for all ground disturbance in areas slated for excavation into non-fill (native) sediments. See **Decision** for specifications on monitors and daily monitoring logs.	Notify all Native Americans on the Native American Heritage Commission's contact list of the date on which the project ground disturbance will begin.	Letter of notification	At least 30 days before the start of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018									JACOBS	GAL
147	CUL	CUL-6b	PC	**Cultural Resources Monitoring, Daily Monitoring Log Form** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The CPM will provide to the CRS an electronic copy of a form to be used as a daily monitoring log and information to be included in the cover sheet for the daily monitoring logs.	Daily monitoring log form and specifications	At least 30 days before the start of ground disturbance.	12/3/2018	N/A	Completed	11/8/2018									JACOBS	GAL
148	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
149	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		Conditional										JACOBS	GAL
150	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		Conditional										JACOBS	GAL
151	CUL	CUL-6f	CONS/COM	**Cultural Resources Monitoring, Weekly Maps of Artifacts Found:** See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The CRS shall provide weekly maps of artifacts along with the daily monitoring logs if more than 50 artifacts are found per week or as requested by the CPM.	Map of artifact finds (if more than 50 artifacts found or as requested by the CPM)	Within two business days after the end of the week	Conditional		Conditional										JACOBS	GAL

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152	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.	Within 15 days of receiving a request from a Native American group that a NAM be employed	Conditional		Conditional										JACOBS	GAL
153	CUL	CUL-6h	CONS/COM	**Cultural Resources Monitoring, Monthly Reports** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit monthly MCRs and accompanying weekly summary reports.	Monthly Status Reports of Monitoring, including any new DPR 523A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Monthly, while monitoring occurs	Monthly		In Progress										JACOBS	GAL
154	CUL	CUL-6i	CONS/COM	**Cultural Resources Monitoring, Monthly Reports** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit monthly MCRs and accompanying weekly summary reports.	Monthly Status Reports of Monitoring, including any new DPR 523A forms, under confidential cover, completed for finds treated prescriptively, as specified in the CRMMP.	Weekly, while monitoring occurs	Weekly		In Progress										SERC	GAL
155	CUL	CUL-6j	CONS/COM	**Cultural Resources Monitoring, Final Updated DPR Forms** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	For sites for which artifacts are collected month after month, final updated DPR forms may be submitted at the completion of monitoring	Final updated DPR forms	At completion of monitoring	Conditional		Conditional										JACOBS	GAL
156	CUL	CUL-6k	CONS/COM	**Cultural Resources Monitoring, Change in Monitoring Level** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for a change in the monitoring level.	Letter or e-mail with justification for changing the monitoring level	At least 24 hours prior to implementing a proposed change in monitoring level	Conditional		Conditional										JACOBS	GAL
157	CUL	CUL-6l	CONS/COM	**Cultural Resources Monitoring, Change in Daily Reporting** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM, for review and approval, a letter or email (or some other form of communication acceptable to the CPM) detailing the CRS's justification for reducing or ending daily reporting.	Letter or e-mail with justification for changing or ending daily reporting	At least 24 hours prior to reducing or ending daily reporting	Conditional		Conditional										JACOBS	GAL
158	CUL	CUL-6m	CONS/COM	**Cultural Resources Monitoring, Comments of Native Americans** - See **Decision** CUL-6 for specifications on monitors and daily monitoring logs.	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Copies of comments or information provided by Native Americans	Within 15 days of receiving comments from Native Americans	Conditional	2/5/2019, 2/15/2019	Conditional	N/A									JACOBS	GAL
159	CUL	CUL-7a	PC	**Powers of the CRS** - The CRS shall have the authority to halt ground disturbance in the event of a discovery. Redirection of ground disturbance shall be accomplished under the direction of the construction supervisor in consultation with the CRS. In the event that a cultural resource over 50 years of age is found (or if, determined exceptionally significant by the CRS), or impacts to such a resource can be anticipated, ground disturbance shall be halted or redirected in the immediate vicinity of the discovery sufficient to ensure that the resource is protected from further impacts. If the discovery includes human remains, the project owner shall comply with the requirements of Health and Human Safety Code § 7050.5(b) and shall additionally notify the CPM and the NAHC of the discovery of human remains. No action with respect to the disposition of human remains of Native American origin shall be initiated without direction from the CPM. Monitoring, including Native American monitoring, and daily reporting, as provided in other conditions, shall continue during the project's ground-disturbing activities elsewhere, while the halting or redirection of ground disturbance in the vicinity of the discovery shall remain in effect until the CRS has visited the discovery, and all of the following have occurred: (See **Decision** for specifications 1-5).	At least 30 days prior to the start of ground disturbance, the project owner shall provide the CPM and CRS with a letter confirming that the CRS, Alternate CRS, and CRMs have the authority to halt ground disturbance in the vicinity of a cultural resources discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning.	Letter of confirmation that the CRS, Alternate CRS, and CRMs have authority to halt ground disturbance	At least 30 days prior to the start of ground disturbance	12/3/2018	11/1/2018	Completed	12/3/2018									JACOBS	GAL
160	CUL	CUL-7b	CONS/COM	**DPR-523 Forms** (See **Decision** CUL-7 for specifications).	Unless the discovery can be treated prescriptively, as specified in the CRMMP, completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval.	Forms DPR 523	No later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/ recovery, whichever the CRS decides is more appropriate for the subject cultural resource.	Conditional		Conditional										JACOBS	GAL

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3														Commissioning							
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**								Operations							
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
161	CUL	CUL-7c	CONS/COM	**Inform Native American Groups** (See **Decision** CUL-7 for specifications).	The project owner shall ensure that the CRS notifies all Native American groups that expressed a desire to be notified in the event of a discovery of interest to Native Americans, and the CRS must inform the CPM when the notifications are complete.	Letter to Native Americans and notification to CPM when notifications are complete	Within 48 hours of the discovery of a resource of interest to Native Americans	Conditional		Conditional										JACOBS	GAL
162	CUL	CUL-7d	CONS/COM	**Provide Reports and Records to Native American Groups** (See **Decision** CUL-7 for specifications).	The project owner shall submit to the CPM copies of the information transmittal letters sent to the chairpersons of the Native American tribes or groups who requested the information. Additionally, the project owner shall submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.	Copies of transmittal letters to Native American tribes and copies of letters of subsequent responses to Native American requests	No later than 30 days following the discovery of any Native American cultural materials	Conditional		Conditional										JACOBS	GAL
163	CUL	CUL-7e	CONS/COM	**Comments or Information Provided by Native Americans** (See **Decision** CUL-7 for specifications).	The project owner shall submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	Copies of Native American comments and information in response to owner transmittals of information.	Within 15 days of receiving comments from Native Americans	Conditional		Conditional										JACOBS	GAL
164	CUL	CUL-8a	CONS	**Fill Soils, Borrow or Fill Site Documentation** - If fill soils must be acquired from a non-commercial borrow site or disposed of to a non-commercial disposal site, unless less than-five-year-old surveys of these sites for archaeological resources are provided to and approved by the CPM, the CRS shall survey the borrow or disposal site(s) for cultural resources and record on DPR 523 forms any that are identified. When the survey is completed, the CRS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow site, the project owner must either select another borrow or disposal site or implement CUL-7 prior to any use of the site. The CRS shall report on the methods and results of these surveys in the final CRR.	The owner shall notify the CRS and CPM and provide documentation of previous archaeological survey, if any, dating within the past five years, for CPM approval.	Notification to the CPM of the use of a non-commercial borrow site and documentation of previous archaeological survey.	As soon as the project owner knows that a non-commercial borrow site will be used	3/28/2019	3/28/2019	Approved	3/29/2018										JACOBS	GAL
165	CUL	CUL-8b	CONS	**Fill Soils, Cultural Resources Survey** - In the absence of documentation of recent archaeological survey, at least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites, the CRS shall survey the site(s) for archaeological resources.	The CRS shall notify the project owner and the CPM of the results of the cultural resources survey, with recommendations, if any, for further action.	Results of the cultural resources survey and CRS recommendations for further action, if needed.	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	Approved	3/29/2019										JACOBS	GAL
166	ELEC	ELEC-1a	CONS	**Electrical Systems Design Plans and Specifications** - Prior to the start of any increment of electrical construction for all electrical equipment and systems 110 Volts or higher (see a representative list, below) the project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS. (See **Decision** ELEC-1 for specifications)	The project owner shall submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Design plans, specifications, and calculations and compliance statement to CBO with copy to CPM	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction	Ongoing		In Progress					1-1.0: 1/23/19 1-2.0: 2/4/2019 1-3.0: 1/23/19 1-4.0: 1/29/19 1-5.0: 3/4/19 1-6.0: 3/22/19 1-7.0: 3/6/19 1-8.0: 5/20/19 1-9.0: 1-10.0: 3/29/19 1-11.0: 1-12.0: 5/20/19	1-1.0: 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				SERC	TAT
167	ELEC	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 requirements of applicable LORS. (See **Decision** ELEC-1 for specifications)	The project owner shall submit to the CBO for design review and approval the above listed documents. The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	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					SERC	GAL

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
168	GEN	GEN-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 **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 shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	The project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design.	Statement of verification signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design to CPM	Within 30 days following receipt of the certificate of occupancy from CBO	5/6/2020		Not started										POWER	TAT
169	GEN	GEN-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 CBO when the successor to the 2016 CBSC is in effect, the 2016 CBSC provisions shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	The project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met in the area of facility design.	A copy of the Certificate of Occupancy to CPM	Within 30 days following receipt of the certificate of occupancy from CBO	5/6/2020		Not Started										SERC	GAL
170	GEN	GEN-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 shall be replaced with the applicable successor provisions. Where, in any specific case, different sections of the code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall govern. The project owner shall ensure that all contracts with contractors, subcontractors, and suppliers clearly specify that all work performed and materials supplied comply with the codes listed above.	Once certificate of occupancy has been issued, the project owner shall inform the CPM at least 30 dyas prior to any construction, addition, alteration, moving, demolition, repair, or maintenance to be performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to approve the work.	Notice of construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Within 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance of completed facility	Conditional		Not Started										SERC	DSR
171	GEN	GEN-2a	PC	**Schedule of Drawings, Master Drawings, Specification Lists** - Before submitting the initial engineering designs for CBO review, provide the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list, as specified in this condition (See **Decision** GEN-2). The schedule shall contain the date of each submittal to the CBO. To facilitate audits by Energy Commission staff, provide specific packages to the CPM upon request.	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	TAT

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**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**
172	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 Compliance Report		In Progress					1/18/2019	1/23/2019				SERC	GAL
173	GEN	GEN-3a	PC/CONS/COM	**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.	The project owner shall make the required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	CBO monthly payments	Monthly	Monthly		In Progress					Monthly					SERC	RRF/JLJ
174	GEN	GEN-3b	PC/CONS/COM	**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.	The project owner shall make the required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	Copy of CBO's Receipt of Payment with the MCR	Monthly	Monthly		In Progress					Monthly					SERC	GAL
175	GEN	GEN-4a	PC	**Resident Engineer** - Prior to the start of rough grading, assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project. The RE or his/her delegate(s) shall be responsible for the elements listed in this condition (see **Decision** GEN-4).	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project.	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 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NVS: 3/4/2019				SERC	TAT
176	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	N/A				Power: 12/24/2018 Jacobs: 12/24/2018 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/8/2019 NVS: 3/4/2019				SERC	TAT
177	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		Conditional	N/A				2/6/2019	2/12/2019				SERC	TAT
178	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	Conditional	N/A				2/6/2019	2/12/2019				SERC	GAL
179	GEN	GEN-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, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist	At least 30 days prior to the start of rough grading	12/3/2018	1/18/2019	Completed	N/A				Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
180	GEN	GEN-5b	PC	**Approval of Responsible Engineers** - See GEN-5a	Notify the CPM of the CBO's approvals of the Civil Engineer, Soils (geotechnical) Engineer, and Engineering Geologist within five days of the approval.	Notification to CPM	Within 5 days of the approval	12/8/2018	1/18/2019 4/11/2019	Completed	N/A				Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
181	GEN	GEN-5c	PC	**Registered Engineers** - Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition (See **Decision** GEN-5) to the project. The duties of the engineers are outlined in this condition. These include civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading or the start of construction, submit to the CBO for review and approval, resumes and registration numbers of the responsible engineers assigned to the project.	Engineer Resumes and registration number for responsible design engineer, mechanical engineer, and electrical engineer	At least 30 days prior to the start of construction	1/5/2019		In Progress					Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB
182	GEN	GEN-5d	PC	**Approval of Responsible Engineers** - See GEN-5a	Notify the CPM of the CBO's approvals of theresponsible design engineer, mechanical engineer, and electrical engineer within five days of the approval.	Notification to CPM	Within 5 days of the approval	1/18/2019		In Progress					Power: 12/26/2018 Jacobs: 1/16/2019 NVS: 3/4/2019	Power: 1/8/2019 Jacobs: 1/17/2019 NVS: 3/4/2019				SERC	TLB

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183	GEN	GEN-5e	CONS	**Reassignment of Designated Engineer** - See GEN-5a	Notify the CPM and CBO if a designated responsible engineer is reassigned or replaced.	Engineer Resumes and registration number	Within 5 days of re-assignment	Conditional		Conditional										SERC	GAL/TAT
184	GEN	GEN-5f	CONS	**Approval of Replacement Engineers** - See GEN-5a	Notify the CPM of the CBO's approvals of the reassigned engineers within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional	4/11/2019	Conditional	4/11/2019									SERC	GAL
185	GEN	GEN-6a	CONS	**Special Inspector Assignment** - Prior to the start of an activity requiring special inspection, including prefabricated assemblies, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required 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 **Decision** GEN-6 for additional specifications)	Assign certified and qualified special inspectors for special inspections required by the 2016 CBC.	Names and qualifications of certified special inspectors	At least 15 days before start of an activity requiring special inspectors	Ongoing		Not Started					PC1: 1/16/19 PC2: 1/28/19	PC1: 1/17/19 PC2: 1/29/19				ARB	TLB
186	GEN	GEN-6b	CONS	**Approval of Inspectors** - See GEN-6a	Submit a copy of the CBO's approval of inspectors	Copies of CBO approvals in the MCR	Monthly	Monthly		Not Started					PC1: 1/16/19 PC2: 1/28/19	PC1: 1/17/19 PC2: 1/29/19				ARB	TLB
187	GEN	GEN-6c	CONS	**Reassignment of Inspectors** - See GEN-6a	Notify the CPM and CBO if a designated special inspector is reassigned or replaced.	Names and qualifications of certified special inspectors	Within 5 days of re-assignment	Conditional		Conditional					conditional					ARB	TLB
188	GEN	GEN-6d	CONS	**Approval of Replacement Inspectors** -See GEN-6a	Notify the CPM of the CBO's approvals of the new special inspectors within five days of the approval.	Notification to CPM	Within 5 days of the approval	Conditional		Conditional										ARB	TLB
189	GEN	GEN-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 Compliance Report		Conditional										SERC	GAL
190	GEN	GEN-7b	CONS/COM	**Notification of Correction Disapproval** - See GEN-7a	If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	Notify CPM and provide revised corrective action	Within 5 days of CBO disapproval of corrective action	Conditional		Conditional										SERC	GAL
191	GEN	GEN-8a	CONS	**CBO Inspection and Approval** - The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval. The project owner shall retain one set of approved engineering plans, specifications, and calculations (including all approved changes) at the project site, or at another accessible location, during the operating life of the project. Electronic copies of the approved plans, specifications, calculations, and marked-up as-built shall be provided to the CBO for retention by the CPM.	The project owner shall submit to the CBO, with a copy to the CPM in the next monthly compliance report, After storing the final approved engineering plans, specifications, and calculations described above, the project owner shall submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	A written notice that the completed work is ready for final inspection, and a signed statement that the work conforms to the final approved plans.	Within 15 days of the completion of any work	Ongoing		In Progress										SERC	GAL
192	GEN	GEN-8b	CONS	**Plan and Specification Storage** - See GEN-8a	After storing the final approved engineering plans, specifications, and calculations described above, submit a letter to the CPM .	Letter stating both that the documents have been stored and the storage location of those documents.	After storage is in place	TBD		Not started										SERC	GAL
193	GEN	GEN-8c	CONS	**Plan and Specification Archive Copies**- See GEN-8a	The project owner shall provide to the CBO three sets of electronic copies of the engineering plans, specifications, and calculations at the project owner's expense.	"Read only" (Adobe .pdf 6.0 or newer version) files, with restricted (password-protected) printing privileges, on archive quality compact discs	Within 90 days of the completion of construction	TBD		Not started										SERC	TAT

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:	Pre- Construction							
2	**All Phases**							6/30/2040						Construction							
3														Commissioning							
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**								Operations							
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**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**
194	GEO	GEO-1a	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 project owner shall include in 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 comment by the delegate chief building official (CBO). The project owner shall provide to the CPM a copy of the Soils Engineering Report, application for grading permit and any comments by the CBO at least 60 days prior to grading.	Submit Copy of the Soils Engineering Report, application for grading permit to CBO for comments	90 days before grading	11/3/2018		N/A						1-1.0: 1/7/19 1-4.0:1/7/19	1-1.0: 2/1/19 1-4.0: 2/1/19				NVS	TAT
195	GEO	GEO-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 project owner shall include in 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 comment by the delegate chief building official (CBO). The project owner shall provide to the CPM a copy of the Soils Engineering Report, application for grading permit and any comments by the CBO at least 60 days prior to grading.	Submit Copy of the 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				SERC	GAL
196	HAZ	HAZ-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).	The project owner shall provide to the COM, in the Annual Compliance Report, the Hazardous Materials Business Plan's list of hazardous materials and quantities contained at the facility.	Submit Hazardous Materials Business Plan in the Annual Compliance Report.		12/31/2020		Not started										SERC	DSR
197	HAZ	HAZ-2a	CONS	**Final HMBP and SPCC** - The project owner shall concurrently provide a Hazardous Materials Business Plan (HMBP), a Spill Prevention Control and Countermeasure Plan (SPCC), and a Risk Management Plan (RMP) to the Orange County Environmental Health Division (OCEHD) and the CPM for review. After receiving comments from the OCEHD and the CPM, the project owner shall reflect all recommendations in the final documents. Copies of the final Hazardous Materials Business Plan and RMP shall then be provided to the OCEHD for information and to the CPM for approval.	At least 30 days prior to receiving any hazardous material on the site for commissioning or operations, the project owner shall provide a copy of a final HMBP and SPCC to the CPM for approval.	Final HMBP and SPCC to CPM	At least 30 days before receiving hazardous materials on site	7/19/2019		Not started					(Ref Only)					SERC	DSR
198	HAZ	HAZ-2b	CONS	**Final Risk Management Plan** - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to Certified Unified Program Agency (the Orange County Environmental Health Division)	At least 30 days before aqueous ammonia on site	11/15/2019		Not started					(Ref Only)					SERC	DSR
199	HAZ	HAZ-2c	CONS	**Final Risk Management Plan** - See HAZ-2a	At least 30 days prior to delivery of aqueous ammonia to the site, the project owner shall provide the final RMP to the Certified Unified Program Agency (the Orange County Environmental Health Division) for information and to the CPM for approval.	Final RMP to CPM	At least 30 days before aqueous ammonia on site	11/15/2019		Not started					(Ref Only)					SERC	DSR

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:		Pre- Construction						
2	**All Phases**							6/30/2040							Construction						
3															Commissioning						
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**									Operations						
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**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**
200	HAZ	HAZ-3	CONS/COM	**Aqueous Ammonia Safety Management Plan** - The project owner shall develop and implement a Safety Management Plan for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck. The plan shall include procedures, protective equipment requirements, training, and a checklist. It shall also include a section describing all measures to be implemented to prevent mixing of incompatible hazardous materials including provisions to maintain lockout control by a power plant employee not involved in the delivery or transfer operation. This plan shall be applicable during construction, commissioning, and operation of the power plant.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a Safety Management Plan as described above to the CPM for review and approval.	Safety Management Plan to CPM	At least 30 days before delivery of any liquid hazardous material to the facility	TBD		Not started					(Ref Only)					SERC	DSR
201	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.	The project owner shall submit final design drawings and specifications for the ammonia storage tank, ammonia pumps, ammonia detectors around the ammonia storage tank, secondary containment basin, and underground vault to the CPM for review and approval (copy CBO)	Final design drawings for the ammonia storage and transfer facility	At least 30 days before construction of the ammonia storage and transfer facility	3/15/2019	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
202	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.	The project owner shall submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	Copies of notification letter to supply vendors	At least 30 days prior to receipt of aqueous ammonia on site	TBD		Not Started										SERC	GAL
203	HAZ	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 ammonia, lubricating and insulating oils) to the site to use only the route approved by the CPM (from State Route 91, exiting on Beach Boulevard and traveling south to Katella Avenue, then east on Katella Avenue and turn left and head north on Dale Avenue to the Stanton entrance). The project owner shall obtain approval of the CPM if an alternate route is desired.	The project owner shall submit a copy of the letter containing the route restriction directions that were provided to the hazardous materials vendor to the CPM for review and approval.	Copy of the letter containing route restriction directions for hazardous materials vendor.	At least 60 days prior to initial receipt of bulk quantities (>800 gallons per delivery) of hazardous materials (e.g., aqueous ammonia, lubricating and insulating oils)	TBD		Not started					(Ref Only)					SERC	GAL
204	HAZ	HAZ-6b	CONS/OPS	**Route Restrictions, New Vendor** - See HAZ-6a	The project owner shall submit a copy of the letter containing the route restriction directions that were provided to any newly designated hazardous materials vendor to the CPM for review and approval.	Copy of the letter containing route restriction directions for the new hazardous materials vendor.	At least 10 days prior to a new vendor delivery of bulk quantities (>800 gallons per delivery)	TBD		Not Started					(Ref Only)					SERC	GAL
205	HAZ	HAZ-7	PC	**Construction Site Security Plan** - Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. (See **Decision** HAZ-7 of six items/specifications).	At least 30 days prior to commencing construction, notify the CPM that a site-specific Construction Security Plan is available for review and approval.	Site-specific Construction Security Plan	At least 30 days prior to commencing construction	12/3/2018	11/20/2018	Completed	1/25/2019				1/21/2019	1/28/2019				SERC	GAL
206	HAZ	HAZ-8a	CONS/OPS	**Operations Site Security Plan** - The project owner shall also prepare a site-specific security plan for the commissioning and operational phases that would be available to the CPM for review and approval. The project owner shall implement site security measures that address physical site security and hazardous materials storage. The level of security to be implemented shall not be less than that described below (as per NERC Security Guideline for the Electricity Sector: Physical Security v2.0). See **Decision** HAZ-8 for nine items/specifications.	The project owner shall notify the CPM that a site-specific operations site security plan is available for review and approval.	Operations Security Plan	At least 30 days prior to the initial receipt of hazardous materials on site	TBD	4/30/2019 (Castle Spike Topper Only)	In Progress	5/16/2019 (Castle Spike Topper Only)									SERC	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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3														Commissioning							
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**								Operations							
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
207	HAZ	HAZ-8b	OPS	**Operations Site Security Plan** - The project owner shall also prepare a site-specific security plan for the commissioning and operational phases that would be available to the CPM for review and approval. The project owner shall implement site security measures that address physical site security and hazardous materials storage. The level of security to be implemented shall not be less than that described below (as per NERC Security Guideline for the Electricity Sector: Physical Security v2.0). See **Decision** HAZ-8 for nine items/specifications.	Project Owner shall Include signed statements similar to Attachment A and Attachment B that all current project employee and appropriate contractor background investigations have been performed, and that updated certification statements have been appended to the operations security plan in Annual Compliance Report. Project Owner shall include a signed statement similar to Attachment C that the operations security plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations	Signed statements similar to Attachment A, Attachment B, and Attachment C	Annual Compliance Report	12/31/2020		Not Started									SERC	GAL
208	HAZ	HAZ-9	CONS/OPS	**Fuel Gas Pipe Cleaning** - The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve "flammable gas blows" where natural (or flammable) gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non-flammable gas (e.g. air, nitrogen, steam) or mechanical pigging, shall be used as per the latest edition of NFPA 56, Standard for Fire and Explosion Prevention during Cleaning and Purging of Flammable Gas Piping Systems. A written procedure shall be developed and implemented as per NFPA 56, section 4.4.1.	The project owner shall submit a copy of the Fuel Gas Pipe Cleaning Work Plan (as described in the 2014 NFPA 56, section 4.4.1) which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the CBO for information and to the CPM for review and approval.	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before any fuel gas pipe cleaning activities begin	TBD		Not started									SERC	DSR
209	MECH	MECH-1a	CONS	**Plant Piping and Plumbing System Plans**- The project owner shall submit, for CBO design review and approval, the proposed final design, specifications, and calculations for each plant major piping and plumbing system listed in the CBO-approved master drawing and master specifications list. The submittal shall also include the applicable quality assurance/ quality control (QA/QC) procedures. Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of that construction. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable laws, ordinances, regulations and industry standards. (See **Decision** MECH-1 for specifications)	The project owner shall submit to the CBO for design review and approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Final plans, specifications, and calculations and certification of compliance to CBO for review and approval	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of major piping or plumbing construction listed in the CBO-approved master drawing and master specifications list	Ongoing		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	1.1 : 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				Power	TAT
210	MECH	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)	The project owner shall submit to the CBO for design review and approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS, and shall send the CPM a copy of the transmittal letter in the next monthly compliance report.	Send the CPM a copy of the transmittal letter in the next monthly compliance report.	Monthly Compliance Report (one time)	Monthly Compliance Report (one time)		Not Started						1.2: 2/8/2019	1.2: 2/8/19				SERC	GAL
211	MECH	MECH-1c	CONS	**CBO Approvals, Piping and Plumbing** - See MECH-1a	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	Copy of transmittal letters and copies of CBO inspection approvals in MCR.	Monthly	Monthly		In Progress					1.3: 2/11//19	1.3: 2/11/19				SERC	GAL

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1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:	Pre- Construction							
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
212	MECH	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).	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.	Design documents to CBO	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of on-site fabrication or installation of any pressure vessel	TBD		Not Started					1.4: 3/1/19	1.4: 3/1/19				Power	TAT
213	MECH	MECH-2b	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).	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.	Design documents to CBO with copy of transmittal to CPM	Monthly Compliance Report (one time)	Monthly Compliance Report (one time)		Not Started										SERC	GAL
214	MECH	MECH-2c	CONS	**CBO and Cal-OSHA Inspections and Approvals, Pressure Vessels, MCR** - See MECH-2a	The project owner shall transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals.	Letters documenting CBO and Cal-OSHA inspection approvals in MCR	Monthly	Monthly		Not Started										SERC	GAL
215	MECH	MECH-3a	PC/CONS	**HVAC Plans** - The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. (See **Decision** MECH-3 for additional specifications).	The project owner shall submit to the CBO the required HVAC and refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	Calculations, plans, and specification, and statement of compliance to CBO	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system	7/15/2019		Not started										SERC	JBM
216	MECH	MECH-3b	PC/CONS	**HVAC Plans** - The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. (See **Decision** MECH-3 for additional specifications).	The project owner shall submit to the CBO the required HVAC and refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	Calculations, plans, and specification, and statement of compliance to CPM	At least 30 days (or project owner- and SPM-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system	TBD		Not started										SERC	JBM
217	NOISE	NOISE-1a	PC	**Public Notification Process** - Prior to the start of ground disturbance, the project owner shall notify all residents within one mile of the project site and one-half mile of the linear facilities, by mail or by other effective means, of the commencement of project construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project. If the telephone is not staffed 24 hours a day, the project 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.	The project owner shall transmit to the CPM a statement, signed by the project owner's project manager, stating that the notification to residents within one mile of the project has been performed, and describing the method of that notification.	Public notice to residents	At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/17/2018									JACOBS	GAL
218	NOISE	NOISE-1b	PC	**Telephone Number Confirmation** - See NOISE-1a	Transmit to the CPM a statement, signed by the project owner's project manager, stating that the telephone number has been established and posted at the site, and providing that telephone number.	Confirmation of that the telephone number has been established and posted at the site.	At least 15 days prior to the start of ground disturbance	12/18/2018	12/17/2018	Completed	12/21/2018									SERC	GAL
219	NOISE	NOISE-2a	CONS/COM/ OPS	**Noise Complaint Process** - Throughout the construction and the full term of operation, including facility closure, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints. See **Decision** NOISE-2 for specifications.	File with the CPM a Noise Complaint Resolution Form that documents the resolution of the complaint.	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	4/9/2019	4/9/2019	In Progress										SERC	GAL
220	NOISE	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.	Updated Noise Resolution Complaint Form	When the mitigation is implemented	Conditional		Conditional										SERC	GAL

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221	NOISE	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.	At least 30 days prior to the start of ground disturbance, submit the noise control program to the CPM. Make the program available to Cal-OSHA upon request.	Noise Control Program	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
222	NOISE	NOISE-4a	COM/OPS	**Operational Noise Survey** - The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the noise levels due to the project operation alone do not exceed an hourly average exterior noise level of 49 dBA measured at monitoring location LT1 and 43 dBA measured at monitoring location LT2. See **Decision** NOISE-4 for further specifications.	Conduct the operational noise survey	Conduct the operational noise survey	Within 30 days of achieving a sustained output of 85 percent of rated capacity	TBD		Not Started										Innova	DSR
223	NOISE	NOISE-4b	COM/OPS	**Noise Survey Summary Report** - See NOISE-4a	Prepare a summary report of the operational noise survey for submittal to the CPM. Included in the survey report shall be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures.	Summary report of the operational noise survey	Within 15 days after the survey	TBD		Not Started										Innova	DSR
224	NOISE	NOISE-4c	COM/OPS	**Revised Noise Survey Summary** - See NOISE-4a	When the additional mitigation measures are implemented and in place, the project owner shall repeat and prepare a new summary report of the new survey.	Summary report of the new noise survey	Within 15 days of completing a new survey	TBD		Not Started										Innova	DSR
225	NOISE	NOISE-5	COM/OPS	**Occupational Noise Survey** - Following the project's attainment of a sustained output of 85 percent or greater of its rated capacity, the project owner shall conduct an occupational noise survey to identify any noise hazardous areas within the power plant. The survey shall be conducted by a qualified person in accordance with the provisions of Title 8, California Code of Regulations, Sections 5095-5099 (Article 105) and Title 29, Code of Federal Regulations, Section 1910.95. The survey results shall be used to determine the magnitude of employee noise exposure. (See **Decision** NOISE-5 for further information).	The project owner shall submit the noise survey report to the CPM. The project owner shall make the report available to OSHA and Cal-OSHA upon request from OSHA and Cal-OSHA.	Noise Survey Report	Within 30 days after completing each survey	TBD		Not Started					(Ref Only)					Innova	DSR
226	NOISE	NOISE-6	PC	**Construction Noise Restrictions** - Heavy equipment operation and noisy construction work, including pile driving, shall be restricted to the times delineated in this condition (See **Decision** NOISE-6). Construction work shall be performed in a manner to ensure excessive noise (noise that draws a project-related complaint) is prohibited and the potential for noise complaints is reduced as much as practicable. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers and other state-required noise attenuation devices. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use (jake braking) shall be limited to emergencies.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction work associated with this project.	Statement acknowledging restrictions	Prior to ground disturbance	1/1/2019	11/26/2018	Completed	1/3/2019				1/22/2019 (Ref Only)	1/24/2019				SERC	GAL
227	NOISE	NOISE-7a	CONS	**Pile Driving Technique** - The project owner shall perform pile driving in a manner to reduce the potential for any project-related noise and vibration complaints. The project owner shall notify the residents in the vicinity of pile driving prior to start of pile driving activities.	The project owner shall submit to the CPM a description of the pile driving technique to be employed, including calculations showing its projected noise impacts at monitoring location LT1.	Description of the pile driving technique to be used	At least 15 days prior to first pile driving	Conditional		Not Started					(Ref Only)					SERC	GAF
228	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 Only)					JACOBS	GAL
229	PAL	PAL-1a	PC	**Paleontological Resources Specialist** - Provide the CPM with the resume and qualifications of the PRS for review and approval. The PRS and Paleontological Resource Specialist (PRS) shall meet the minimum qualifications described in this condition (See **Decision** PAL-1 for specifications).	At least 60 days prior to the start of ground disturbance, submit a resume and statement of availability of its designated PRS for on-site work.	PRS Resume & Statement of Availability to CPM	At least 60 days prior to the start of ground disturbance	11/3/2018	10/18/2018	Completed	10/18/2018									JACOBS	GAL

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230	PAL	PAL-1b	PC	**Paleontological Resources Monitors** - Ensure that the PRS obtains qualified Paleontological Resource Monitors (PRMs) to monitor as he or she deems necessary on the project. PRMs shall have the equivalent of the qualifications described in this condition (PAL-1).	At least 30 days prior to ground disturbance, provide a letter with resumes naming anticipated monitors, stating that the identified monitors meet the minimum qualifications for paleontological resource monitoring required by the condition.	PRM Resumes & Quals	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018	Completed	11/9/2018									JACOBS	GAL
231	PAL	PAL-1c	PC/CONS	**Certify additional PRMs** (See PAL-1)	PRS shall provide additional letters and resumes to the CPM if needed.	PRM Resumes & Quals	No later than one week before beginning site duties.	Conditional	6/14/2019 6/17/2019	6/17/2019 6/17/2019 (Campbell Approved, Morales denied)										JACOBS	GAL
232	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	Completed	2/27/2019									JACOBS	GAL
233	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
234	PAL	PAL-2b	PC	**Revised Maps and Drawings** - If the footprint of the project or its linear facilities change, the project owner shall provide maps and drawings reflecting those changes to the PRS and CPM.	If there are changes to the footprint of the project, revised maps and drawings shall be provided to the PRS and CPM at least 15 days prior to the start of ground disturbance.	Maps and drawings	At least 15 days prior to the start of ground disturbance	Conditional		Conditional										JACOBS	GAL
235	PAL	PAL-2c	PC/CONS	**Schedule Changes** - Before work commences on affected phases, the project owner shall notify the PRS and CPM of any construction phase scheduling changes.	If there are changes to the scheduling of the construction phases, submit a letter to the CPM within 5 days of identifying the changes.	Schedule information	Within 5 days of identifying the changes	Conditional		Conditional										SERC	GAL
236	PAL	PAL-3a	PC	**Paleontological Resources Monitoring and Mitigation Plan (PRMMP)** - A paleontological resources monitoring and mitigation plan (PRMMP) shall be include elements (1) through (10) as specified in this condition (See **Decision** PAL-3) and submitted to the CPM for review and approval to identify general and specific measures to minimize potential impacts to significant paleontological resources. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.	At least 30 days prior to ground disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and acceptance of the PRMMP by the project owner evidenced by a signature.	PRMMP	At least 30 days prior to ground disturbance	12/3/2018	11/1/2018	Completed	1/14/2019									JACOBS	GAL
237	PAL	PAL-3b	PC	**Paleontological Resources Monitoring and Mitigation Plan (PRMMP)** - A paleontological resources monitoring and mitigation plan (PRMMP) shall be include elements (1) through (10) as specified in this condition (See **Decision** PAL-3) and submitted to the CPM for review and approval to identify general and specific measures to minimize potential impacts to significant paleontological resources. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.	At least 30 days prior to ground disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and acceptance of the PRMMP by the project owner evidenced by a signature.	CPM Approval of PRMMP	Prior to ground disturbance	1/19/2019	11/1/2018	Completed	1/14/2019									SERC	GAL
238	PAL	PAL-4a	PC	**Worker Environmental Awareness Program, Paleontological Resources** - Prior to ground disturbance and for the duration of construction activities involving ground disturbance, as described in this condition (See **Decision** PAL-4), prepare and conduct weekly CPM-approved paleontological resources training for the workers specified in this condition. The training shall include elements (1) through (7) of this condition.	The project owner shall submit to the CPM for review and comment the draft WEAP, including the brochure and sticker. The submittal shall also include a draft training script and the set of reporting procedures for workers to follow.	Draft WEAP, brochure, sticker, script, and procedures.	At least 30 days prior to ground disturbance	1/19/2019	11/1/2018	Completed	11/9/2018									JACOBS	GAL
239	PAL	PAL-4b	PC	**Final WEAP** - See PAL-4a	The project owner shall submit to the CPM for approval the final WEAP and training script. If the project owner is planning to use a video for training, a copy of the training video shall be submitted following final approval of WEAP and training script.	Final WEAP materials	At least 15 days before ground disturbance	2/3/2019	1/10/2019	Completed	1/17/2019									JACOBS	GAL
240	PAL	PAL-5a	CONS/COM	**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.	Names of trainees in MCR, number of personnel trained during the reporting period, and total number of personnel trained to date.	Monthly	Monthly		In Progress										ARB	GAL

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241	PAL	PAL-5b	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		Conditional										ARB	GAL
242	PAL	PAL-6a	CONS	**Paleontological Monitoring** - The project owner shall ensure that the PRS and PRM(s) monitor, consistent with the PRMMP, all construction-related grading and 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)	A copy of the daily monitoring log of paleontological resource activities shall be included in the monthly compliance report (MCR).	Daily monitoring log and summary of monitoring activities with MCR	Monthly	Monthly		In Progress										JACOBS	GAL
243	PAL	PAL-6b	CONS	**Notification of Change in Monitoring** - See PAL-6a	The project owner shall ensure that the PRS submits the summary of monitoring and 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.	Notification of proposed change in monitoring	Notify CPM 15 days in advance of changes in monitoring when feasible	Conditional		Conditional										JACOBS	GAL
244	PAL	PAL-7	CONS/COM/ OPS	**Paleontological Resources Report** - The project owner shall ensure preparation of a Paleontological Resources Report (PRR) by the designated PRS. The PRR shall be prepared following completion of ground-disturbing activities. The PRR shall include an analysis of the collected fossil materials and related information, and shall be submitted to the CPM for approval.	The project owner shall submit the PRR under confidential cover to the CPM.	Paleontological Resources Report	Within 90 days after completion of ground-disturbing activities, including landscaping	TBD		Not started										JACOBS	GAL
245	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.	Within 60 days after the submittal of the PRR, the project owner shall submit documentation to the CPM identifying the entity that will be responsible for curating collected specimens. This documentation shall also show that fees have been paid for curation and the owner relinquishes control and ownership of all fossil material.	Documentation of the entity responsible for curation and that curation fees have been paid	Within 60 days of submittal of the PRR	TBD		Not Started										JACOBS	GAL
246	SOCIO	SOCIO-1	PC	**School Facility Development Fee** - The project owner shall pay the current one-time statutory school facility development fee to the Magnolia Elementary School District and to the Anaheim Union High School District as authorized by Education Code Section 17620 and the Magnolia Elementary School District Board Policy BP 7211 Facilities: Developer Fees.	The project owner shall provide to the compliance project manager (CPM) proof that the delegate chief building official (DCBO) has calculated the assessable covered and enclosed space consistent with local practices and shall provide proof of payment of the development fees, based on the calculated space and current school development fees, to the Magnolia Elementary School District and to the Anaheim Union High School District.	Payment / Proof of payment of the development fees	At least 30 days prior to start of construction	12/3/2018	12/3/2018	Completed	12/5/2018				1/7/2019	1/10/2019				SERC	GAL
247	S&W	SOIL & WATER-1a	PC	**NPDES Construction Permit Requirements** - The project owner shall manage storm water pollution from project construction activities by fulfilling the requirements contained in State Water Resources Control Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ, NPDES No. CAS000002) and all subsequent revisions and amendments. The project owner shall develop and implement a construction Storm Water Pollution Prevention Plan (SWPPP) for the construction of the project.	The project owner shall submit to the CPM proof that the construction permit was granted and that a waste discharge identification number (WDID) was issued by the State Water Resources Control Board (SWRCB).	Proof that construction permit was granted and a WDID was issued	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018				SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF

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248	S&W	SOIL & WATER-1b	PC	**NPDES Construction Permit Requirements-Storm Water Pollution Prevention Plan (SWPPP)** - See SOIL & WATER 1a	Construction SWPPP to SWRQB	See S&W 1a	At least thirty (30) days prior to site mobilization	12/3/2018	11/26/2018	Completed	12/12/2018				SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAF
249	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		Conditional						SWPPP: 1/7/19 WQMP: 3/18/19	SWPPP: 2/6/19 WQMP: 3/27/19				SERC	GAL
250	S&W	SOIL & WATER-2a	PC	**Stormwater Management Plan/WQMP** - The project owner shall comply with the Orange County Model Water Quality Management Plan (WQMP) requirements in accordance with Title 4, Division 13 and Title 9, Division 1, of the Orange County Code. The project owner shall provide a WQMP for post-construction storm water BMPs to Orange County for review and the CPM for review and approval. The project owner shall notify the CPM in writing of any reported non-compliance with the county requirements, including documentation of any measures taken to correct the noncompliance, and the results of those corrective measures. See **Decision** SOIL&WATER-2 for additional specifications.	The project owner shall provide a WQMP for post-construction storm water BMPs to the CPM and to the Orange County Public Works Department.	WQMP for post-construction stormwater BMPs	At least 120 days prior to site grading	9/14/2018	9/14/2018 (Rev3/19) 3/27/2019	Completed	9/14/2018				PC1:1/17/2019 PC2:2/21/19 PC3: 3/18/19 (Ref Only)	3/27/2019				SERC	GAL
251	S&W	SOIL & WATER-2b	PC	**Orange County Public Works Department Review of WQMP** - See SOIL & WATER 2a	Obtain County review of the WQMP	Verification of the county's completed review of the WQMP	30 days before grading	12/3/2018	11/29/2018	Completed	12/1/2/18				(Ref Only)					SERC	GAF
252	S&W	SOIL & WATER-2c	PC/CONS	**Correspondence with County Re: Stormwater** - See SOIL & WATER 2a	The project owner shall submit to the CPM all copies of any relevant correspondence between the project owner and the county regarding storm water management.	Copies of correspondence with the County regarding storm water management	Within 10 days of its mailing or receipt	Conditional		Conditional					(Ref Only)					SERC	GAL
253	S&W	SOIL & WATER-3a	PC/CONS	**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 project owner shall submit to the CPM documentation that all necessary NPDES permits were obtained from the SARWQCB or SWRCB at least 30 days prior to construction.	Documentation that NPDES permits are obtained	Thirty (30) days prior to the first scheduled hydrostatic testing event or discharge of groundwater dewatering water	12/3/2018	12/4/2018	In Progress	12/13/2018				(Ref Only)					SERC	GAL
254	S&W	SOIL & WATER-3b	PC	**NPDES Plans and Permits** - See SOIL&WATER-3a	The project owner shall submit to the CPM a copy of the relevant plans and permits received.	Plans and permits	Thirty days (30) prior to project construction	12/3/2018	12/6/2018	Completed	12/11/2018				(Ref Only)					SERC	GAL
255	S&W	SOIL & WATER-3c	PC/CONS/OPS	**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
256	S&W	SOIL & WATER-4a	CONS	**Water Use and Reporting** - Water supply for project construction and operation shall be potable water supplied by Golden State Water Company. Project water 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.	During project construction, the monthly compliance report shall include a monthly summary of daily water use. After construction is complete, the project's annual compliance report shall include a monthly summary of daily water use.	Summary of daily water use	Monthly Compliance Report	Monthly Compliance Report		In progress					(Ref Only)					ARB	GAL
257	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 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.	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

Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)

All Phases

6/30/2040

CBO Color Code: Pre- Construction / Construction / Commissioning / Operations

Revised 4/30/2019

Based on Final Staff Assessment

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5																					
	S&W	SOIL & WATER-5a	PC/CONS/OPS	**Water Metering** - The water supply for project construction and operation shall be the potable water supply from Golden State Water Company. Prior to the use of water during commercial operation, the project owner shall install and maintain metering devices as part of the water supply and distribution system to monitor and record in gallons per day the total volume(s) of water supplied from Golden State Water Company. Those metering devices shall be operational for the life of the project.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	Evidence of requirements and necessary fees paid for connection to CPM	At least thirty (30) days prior to use of the Golden State Water Company potable water supply.	12/3/2018	11/29/2018	Completed	12/1/2/18				(Ref Only)					ARB	GAL
258																					
	S&W	SOIL & WATER-5b	PC/CONS/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.	The project owner shall submit to the CPM evidence that metering devices have been installed and are operational.	Evidence that metering devices have been installed and are operational	At least thirty (30) days prior to use of the Golden State Water Company potable water supply.	Complete	2/22/2019 3/21/2019 (update)	Completed	2/28/2019				(Ref Only)					SERC	GAL
259																					
	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.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR. Fees paid to Golden State Water Company shall be reported in the ACR for the life of the project.	Provide a report on the servicing, testing, and calibration of the metering devices in the ACR	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	DSR
260																					
	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.	The owner shall provide the CPM documentation indicating that the city has accepted the project's connections to the sewer system.	Documentation that the City accepts the SERC's sewer connection.	Prior to the use of the city's sewer system	TBD	(Pacific Street - existing line) 5/9/2019	Not Started	5/16/2019				(Ref Only)					ARB	GAL
261																					
	S&W	SOIL & WATER-6b	CONS/COM/OPS	**Sewer Connections** - The project owner shall pay the city of Stanton all fees normally associated with connections to the city's sanitary sewer or water supply system as defined in the city's code, Title 14 Water and Sewers.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Monthly and annual summary of waste water discharge and fees paid to the city shall be reported in the ACR.	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	DSR
262																					
	S&W	SOIL & WATER-7	PC/CONS	**Jack and Bore Permits** - Prior to the initiation of any Carbon Creek jack and bore activities for the natural gas pipeline, the project owner shall apply for coverage under the following permits: (see **Decision** SOIL&WATER-7 for list) - Section 401, Section 404, Section 408, Streambed Alteration Agreement,	The project owner shall provide the CPM with copies of the applicable permits or agreements.	Permits or agreement documents	No later than thirty (30) days prior to any construction-related activities that could affect water quality in Carbon Creek	5/31/2019	5/31/2019	Completed	6/19/2019				(Ref Only)					SoCalGas	GAL
263																					
	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.	The project owner shall provide a copy of the application package for the encroachment permit and any comments from Orange County Public Works Department to the CPM for review and approval.	Application for encroachment permit and OCPWD comments	At least ninety (90) days prior to bridge construction	11/27/2018	9/17/2018	Completed	12/13/2018				2/5/19 (Ref Only)	2/5/19 (Ref Only)				SERC	GAL
264																					
	S&W	SOIL & WATER-8b	PC	**OCPWD Permit** - See SOIL&WATER-8a	The project owner shall submit a copy of the final approved permit from Orange County Public Works Department to the CPM for review and approval.	Copy of final approved permit from OCPWD	At least 30 days prior to bridge construction	1/26/2019	2/1/2019	Completed	3/12/2019				2/5/2019 (Ref Only)	2/5/19 (Ref Only)				SERC	GAL
265																					

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
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2	**All Phases**							6/30/2040							Construction						
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
266	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 **Decision** STRUC-1 for specifications).	The project owner shall submit to the CBO the above final design plans, specifications and calculations, with a copy of the 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 6.0: 2/7/2019 7.0: 2/14/2019 8.0: 2/14/2019 9.0: 2/21/2019 10.0: 2/28/2019 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 11.0:5/13/19 12.0: 5/13/2019 13.0: 2/20/2019 14.0: 15.0: 5/31/19 16.0: 5/6/19 17.0: 5/13/19 18.0: 5/31/19 19.0: 20.0: 5/23/19 21.0: 5/24/19 22.0: 5/28/19 23.0: 24.0: 5/31/19 25.0: 5/31/19	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 8.0: 2/12/2019 9.0: 3/22/2019 10.0: 2/28/2019 11.0:4/16/19 12.0: 3/29/2019 13.0: 2/20/2019 14.0: 15.0: 5/31/19 16.0: 5/6/19 17.0: 5/13/19 18.0: 5/31/19 19.0: 20.0: 5/23/19 21.0: 5/24/19 22.0: 5/28/19 23.0: 6/10/19 24.0: 5/31/19 25.0: 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 9.0: 5/22/19 10.0:5/22/19 11.0: 5/16/19 12.0: 5/29/19 13.0: 3/11/2019 14.0: 15.0: 16.0: 17.0: 18.0: 19.0: 20.0: 6/6/19 PC1 21.0: 6/7/19 22.0: 23.0: 24.0: 25.0:				Power	GAL
267	STRUC	STRUC-1b	PC/CONS	**CBO Approvals Reported in MCR** - See STRUC-1a	The project owner shall submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	Statement from CBO	Monthly	Monthly Compliance Report	1.0 Bridge Design: 4/25/19	In Progress					Monthly					SERC	GAL
268	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.	Monthly Compliance Report list of approved plans, specifications, and calculations	Monthly	Monthly Compliance Report		In Progress					Monthly					SERC	GAL
269	STRUC	STRUC-2a	CONS	**Non-Compliance Procedures** - The project owner shall submit to the CBO the required number of sets of the following documents related to work that has undergone CBO design review and approval (see **Decision** STRUC-2 for specifications).	If a discrepancy is discovered in any of the above data, the project owner shall prepare and submit a Non-Compliance Report (NCR) describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) of certification and the applicable CBC chapter and section.	NCR describing the discrepancy and corrective action, and transmittal letter	Within five days of discovering a discrepancy	Conditional		Conditional										SERC	GAL
270	STRUC	STRUC-2b	CONS	**Corrective Action Documentation** - See STRUC-2a	Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.	Copy of the corrective action to the CBO and CPM	Within 5 days of the resolution of the NCR	Conditional		Conditional										SERC	GAL
271	STRUC	STRUC-2c	CONS	**Corrective Action Documentation** - See STRUC-2a	Project owner shall transmit copy of CBO's approval or disapproval of the corrective action to the CPM within 15 days	CBO approval or disapproval of corrective action	Within 15 days of the resolution of the NCR	Conditional		Conditional										SERC	GAL
272	STRUC	STRUC-2d	CONS	**Corrective Action Documentation** - See STRUC-2a	If disapproved, 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		Conditional										SERC	GAL
273	STRUC	STRUC-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.	The project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other abovementioned documents to the CBO, with a copy of the transmittal letter to the CPM.	Revised drawings to CBO and transmittal to CPM	Schedule suitable to the CBO	TBD		Conditional										SERC	GAL
274	STRUC	STRUC-3b	PC/CONS	**Plan Approval Notification in MCR** - See STRUC-3a	The project owner shall notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans	Notification of CBO Plan approval in MCR	Monthly	Monthly Compliance Report		In Progress										SERC	GAL

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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
275	STRUC	STRUC-4a	CONS	**Tank and HazMat Vessel Design** - Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the 2016 CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	The project owner shall submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	Final design plans, specifications, and calculations	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials	7/12/2019		Not Started											SERC	TAT
276	STRUC	STRUC-4b	CONS	**CBO Approvals in MCR** - See STRUC-4a	The project owner shall send copies of the CBO approvals of plan checks to the CPM in the monthly compliance report following receipt of such approvals. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	Copies of CBO approvals in MCR	Monthly	Monthly		In Progress										SERC	GAL
277	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 Utility 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.	The project owner shall submit to the compliance project manager (CPM) a letter signed by a California registered electrical engineer affirming that the line will be constructed according to the requirements stated in the condition.	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
278	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	11/1/2019		Not Started					(Ref Only)						SCE	GAF
279	TRANS	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.	The project owner shall identify the permits received during that reporting period (copies of actual permits are not required in the MCR) to demonstrate project compliance with limitations of relevant jurisdictions for vehicle sizes, weights, driver licensing, and truck routes.	List of permits received in MCR	Monthly	Monthly		In Progress					(Ref Only)					ARB	GAL
280	TRANS	TRANS-1b	CONS	**Copies of Permits** - See TRANS-1a	The project owner shall retain copies of permits and supporting documentation on-site for compliance project manager (CPM) inspection if requested.	Copies of permits and documentation	During construction	Ongoing		In Progress					(Ref Only)						SERC	TLB
281	TRANS	TRANS-2a	PC	**Traffic Control Plan** - Prior to the start of construction, the project owner shall prepare a Traffic Control Plan (TCP) for the project's construction traffic. The TCP shall address the 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 **Decision** TRANS-2 for specifics).	The project owner shall submit the TCP to the city of Stanton for review	Traffic Control Plan and transmittal letter to City of Stanton	At least 60 calendar days prior to the start of construction	12/6/2018	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	3/4/2019	JACOBS	GAL
282	TRANS	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 **Decision** TRANS-2 for specifics).	The project owner shall submit the TCP to the CPM for review and approval. The project owner shall also provide the CPM with a copy of the transmittal letter to the city of Stanton requesting review and comment.	Traffic Control Plan and transmittal letter to City of Stanton	At least 60 calendar days prior to the start of construction	11/29/2018	11/29/2018	Completed	12/21/2018	Yes	3/5/2019	Increased allowable truck traffic to 120 trucks per day	1/22/2019 (Ref Only)	1/23/2019				JACOBS	GAL
283	TRANS	TRANS-2c	PC	**Letters of Comment on TCP** - See TRANS-2a	The project owner shall provide copies of any comment letters received from the city of Stanton or any other interested agencies, along with any changes to the TCP, for CPM review and approval.	Copies of comment letters	At least 30 calendar days prior to the start of construction	1/5/2019	11/29/2018	Completed	12/4/2018				1/22/2019 (Ref Only)	1/23/2019					Jacobs	GAL

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284	TRANS	TRANS-2d	PC	**Final TCP to City** - See TRANS-2a	The project owner shall provide completed copies of the final TCP to the city of Stanton and any other interested agencies, sending copies of the correspondence to the CPM.	Copies of final TCP to City and interested parties	After CPM review and approval	3/1/2019	11/29/2018	Completed	12/4/2018				1/22/2019 (Ref Only)	1/23/2019	City of Stanton	3/1/2019	3/4/2019	JACOBS	GAL
285	TRANS	TRANS-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.	Prior to the start of site mobilization, the project owner shall videotape roads and intersections along the major routes construction vehicles would take in the vicinity of the project site. The project owner shall provide the videotapes or other recorded visual media to the CPM.	Videotape of pre-project road conditions	Prior to the start of site mobilization	1/31/2019	1/30/2019	Completed	1/31/2019				1/31/2019 (Ref Only)	1/31/2019				SERC	GAL
286	TRANS	TRANS-3b	CONS	**Roadway Repair Acceptance** - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/ agencies stating their satisfaction with the repairs.	Notify CPM and affected agencies to identify sections to be repaired. Establish schedule for completion of repairs with CPM	After road damage has been identified	Conditional		Conditional						(Ref Only)					SERC	GAL
287	TRANS	TRANS-3c	CONS	**Roadway Repair Acceptance** - See TRANS-3a	If damage to any public road, easement, or right-of-way occurs during construction, the project owner shall notify the CPM and the affected agency/agencies to identify the sections to be repaired. At that time, the project owner and CPM shall establish a schedule for completion of the repairs with which the project owner must comply, unless approval for a schedule change is provided by the CPM. Following completion of any repairs, the project owner shall provide the CPM with letters signed by the affected agency/ agencies stating their satisfaction with the repairs.	Letters signed by the agency accepting the repairs	Following completion of repairs	Conditional		Conditional						(Ref Only)					SERC	GAL
288	TRANS	TRANS-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.	The project owner shall provide copies to the CPM of all permits received from any affected jurisdictions.	Copies of permits from affected jurisdictions	At least 10 days prior to ground disturbance, improvements, or interruption of traffic in or along any public road, easement, or right-of-way	So Cal Gas 6/8/19; SCE 9/20/19		Not Started					(Ref Only)					SoCalGas/SCE	GAL
289	TRANS	TRANS-4b	CONS/OPS	**Copies of Permits** - See TRANS-4b	The project owner shall retain copies of the issued permits and supporting documentation in its compliance file.	Copies of the issued permits	Minimum of 180 calendar days after the start of commercial operation.	TBD		Not started					(Ref Only)					SERC	TLB
290	TRANS	TRANS-5a	CONS	**Transportation of Hazardous Materials** -The project owner shall contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the names of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licensing verification only needs to be included in the MCRs when a new company is used. If a company's licensing verification has already been submitted in an MCR, it is not necessary to submit it again.	Names of hazardous materials haulers and licensing verification in MCRs	Monthly during construction	Monthly Compliance Report		In Progress					(Ref Only)					SERC	GAL

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	TRANS	TRANS-5b	OPS	**Transportation of Hazardous Materials** - The project owner shall contract with licensed hazardous materials delivery and waste hauler companies for the transportation of hazardous materials and wastes. The project owner shall ensure compliance with all applicable regulations and implementation of the proper procedures.	The owner shall provide the names of the contracted hazardous materials delivery and waste hauler companies used, as well as licensing verification. Licensing verification only needs to be included in the MCRs when a new company is used. If a company's licensing verification has already been submitted in an MCR, it is not necessary to submit it again.	Names of hazardous materials haulers and licensing verification in ACR	Annual Compliance Report	12/31/2020		Not started					(Ref Only)						SERC	DSR
291	TRANS	TRANS-6a	PC	**Rail Crossing Safety Plan** - Prior to any construction-related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to the city of Stanton for review and comment	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction-related ground disturbance	12/20/2018	11/1/2018	Completed	12/21/2018										Jacobs	GAL
292	TRANS	TRANS-6b	PC	**Rail Crossing Safety Plan** - Prior to any construction-related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to Union Pacific Railroad (UPRR) for review and comment	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction-related ground disturbance	12/20/2018	11/1/2018	Completed	N/A							UPRR	11/1/18	No comments received from UPRR. Comments were requested by 11/30/18	SERC	GAL
293	TRANS	TRANS-6c	PC	**Rail Crossing Safety Plan** - Prior to any construction-related ground disturbance, the project owner shall develop and implement a rail crossing safety plan for construction that addresses construction-related pedestrian activity (including workers walking between the parking area and the site or working at the site), construction vehicles, and heavy/oversize loads. The rail crossing safety plan must include plans for a flagger at the railroad tracks during worker arrival and departure times to ensure safe worker crossing.	The project owner shall submit the rail crossing safety plan to the CPM for review and approval. The project owner shall also provide the CPM with a copy of the transmittal letters to the city of Stanton and UPRR requesting review and comment.	Rail Crossing Safety Plan and transmittal letters to City and UPRR	At least 60 calendar days prior to the start of construction-related ground disturbance	12/20/2018	12/3/2018	Completed	1/24/2019							City of Stanton UPRR	City of Stanton: 10/291/2018; UPRR: 11/1/2018	City of Stanton: 10/29/18	SERC	GAL
294	TRANS	TRANS-6d	PC	**Final Rail Crossing Safety Plan** - See TRANS-6a	The project owner shall provide copies of any comment letters received from the city of Stanton and UPRR, along with any changes to the rail crossing safety plan, for CPM review and approval.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction-related ground disturbance	1/19/2019	12/3/2018	Completed - No letters received	1/24/2019										JACOBS	GAL
295	TRANS	TRANS-6e	PC	**Final Rail Crossing Safety Plan** - See TRANS-6a	After CPM review and approval, the project owner shall provide completed copies of the final rail crossing safety plan to the city of Stanton and UPRR, sending copies of the correspondence to the CPM.	Final Rail Crossing Safety Plan and copies of comment letters	At least 30 calendar days prior to the start of construction-related ground disturbance	1/19/2019	1/19/2019	Completed	1/24/2019						City of Stanton UPRR				SERC	GAL
296	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)	Pending										Jacobs	GAL
297	TRANS	TRANS-8a	CONS	**Pilot Notification and Awareness** - The project owner shall initiate the following actions to ensure pilots are aware of the project location and potential hazards to aviation. (See **Decision** TRANS-8 for specifications).	The project owner shall submit to the CPM for review and approval draft language for the letters of request to the FAA, the LAAA Manager, and the FMA Manager. 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
298																					

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:	Pre- Construction							
2	**All Phases**							6/30/2040						Construction							
3														Commissioning							
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**								Operations							
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**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**
299	TRANS	TRANS-8b	CONS	**Final Letters to FAA, LAAA, and FMA** - See TRANS-8a	The project owner shall submit the required letters of request to the FAA, the LAAA Manager, and the FMA Manager. The project owner shall submit copies of these requests to the CPM. A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Final letters to the FAA, LAAA Manager, and FMA Manager	Within 60 days after CPM approval of the draft language	5/7/2019	3/22/2019	Completed							Los Alamitos Army Airfield, FAA, Fullerton Municipal Airport	3/27/2019		JACOBS	GAL
300	TRANS	TRANS-8c	CONS	**Correspondence from FAA, LAAA, or FMA** - See TRANS-8a	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.	Copy of correspondence from FAA, LAA or FMA	Within 10 days of receipt	Conditional	FMA - 04/02/2019 FMA&LAAA - 04/11/2019 Additional LAAA correspondence Transmitted on 5/13/19	Pending										SERC	GAL
301	TRANS	TRANS-8d	CONS	**Correspondence from FAA, LAAA, or FMA** - See TRANS-8a	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt. **If the FAA, the LAAA Manager, or the FMA Manager does not respond within 30 days, the project owner shall contact the CPM.**	Contact CPM if FAA, LAA Manager or FMA manager does not respond	Within 30 days after submittal	5/8/2019	5/8/2019	Completed										SERC	GAL
302	TSE	TSE-1	CONS	**Schedule of Designs, Master Drawing List, Specification Lists** - Furnish to the CPM and to the CBO a schedule of transmission facility design submittals, as described in this condition (See **Decision** TSE-1), a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. Provide designated packages to the CPM when requested.	Prior to the start of construction, submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain the elements listed in this condition. Additions and deletions shall be made to the table only with CPM and CBO approval.	Schedule, Master Drawing and Specifications Lists	Prior to the start of construction of transmission facilities	5/1/2019	5/30/2019	Completed	6/17/2019				5/29/2019	6/12/2019				Power	GAL
303	TSE	TSE-2a	CONS	**Final Switchyard Design**- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Approval of Final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination with compliance certification letter by CBO	Prior to the start of each increment of construction - Switchyard a) Civil design b) Structural design c) electrical design - Gen-Tie a) Civil design b) electrical design	7/1/2019		Not started					Switchyard a) Civil design b) Structural design c) electrical design Gen-Tie a) Civil design b) electrical design					Power / SCE	GAL
304	TSE	TSE-2b	CONS/COM/OPS	**Final Switchyard Design**- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Maintain Final design plans, specifications, and calculations for the power plant switchyard, outlet line, and termination with compliance certification letter	For 1 year after completion of construction	6/1/2020		Not Started										SERC	DSR
305	TSE	TSE-2c	CONS	**Final Switchyard Design**- For the power plant switchyard, outlet line, and termination, the project owner shall not begin any construction until plans for that increment of construction have been approved by the CBO. These plans, together with design changes, and design change notices, shall remain on the site for one year after completion of construction. The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	The project owner shall submit to the CBO for review and approval the final design plans, specifications, and calculations for equipment and systems of the power plant switchyard, outlet line, and termination, including a copy of the signed and stamped statement from the responsible electrical engineer verifying compliance with all applicable LORS.	Make request for CBO inspection of insallation applicable to LORS	During construction	7/1/2019		Not Started										SERC	TLB
306	TSE	TSE-2d	CONS/COM/OPS	**Transmittal Letter in MCR** - See TSE-2a	Send the CPM a copy of the transmittal letter to the CBO in the next monthly compliance report.	Transmittal in MCR	Monthly if needed	Ongoing		Not Started										SERC	GAL
307	TSE	TSE-3	CONS/COM/OPS	**Design, Construction, and Operation of Transmission Facilities** - The design, construction, and operation of the proposed transmission facilities will conform to all applicable LORS, and requirements (a) through (f) listed in this condition (See **Decision** TSE-3 for further specifications).	Prior to the start of construction of transmission facilities, submit to the CBO for approval the elements (a) through (f) listed in this condition.	See condition text for document list	Prior to the start of construction or modification of transmission facilities	7/1/2019		Not Started										SERC	GAF

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1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:	Pre- Construction							
2	**All Phases**							6/30/2040						Construction							
3														Commissioning							
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**								Operations							
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**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**
308	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 synchronization; and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	The project owner shall provide copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid. The project owner shall contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	CAISO letter and report of conversation with CAISO	Letter one week prior and report of conversation one day before initial synchronization with the grid	2/24/2020		Not Started										SERC	DSR
309	TSE	TSE-4b	CONS	**Notice to CAISO** - The project owner shall provide the following notice to the California Independent System Operator (California ISO) prior to synchronizing the facility with the California Transmission system: 1. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter stating the proposed date of synchronization; and 2. At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	The project owner shall provide copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid. The project owner shall contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	Telephone notification to CAISO Outage Coordination department Note: use recorded line at 24hr desk	Letter one business day prior and report of conversation one day before initial synchronization with the grid	3/1/2020		Not Started										SERC	DSR
310	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.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see **Decision** TSE-5 Verification for specifications)	Inspect transmission facilities during and after project construction. Contact CBO in writing with non-conformance of the transmission facility.	Within 10 days of discovering non-conformance	Conditional		Not Started										SERC	TLB
311	TSE	TSE-5b	COM/OPS	**As-Built Drawings** - The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC General Order (GO) 95, CPUC GO 128, or NESC, Title 8, CCR, Articles 35, 36 and 37 of the "High Voltage Electric Safety Orders", applicable interconnection standards, as well as NEC and related industry standards. In case of nonconformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance, and describe the corrective actions to be taken.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see **Decision** TSE-5 Verification for specifications)	"As built" engineering descriptions and one line drawings of electrical portion of facility, signed and sealed by Electrical Engineer in charge and a statement attesting conformance	Within 60 days after first synchronization of the project	TBD		Not Started										SERC	GAF
312	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.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see **Decision** TSE-5 Verification for specifications)	"As built" engineering descriptions of mechanical structure and civil portion of transmission facilities signed and sealed by Registered Engineer and maintain records at plant	Within 60 days after first synchronization of the project	TBD		Not Started										SERC	GAF

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3															Commissioning						
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5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**Date Submitted to CPM**	**Compliance Status for CPM (Not started, in progress, completed (with date))**	**Date Approved by CPM**	**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**
313	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.	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO "as built engineering descriptions" and inspection summaries (see **Decision** TSE-5 Verification for specifications)	Summary of inspections of the completed transmission facilities and identification of any nonconforming work and corrective actions taken, signed and sealed by registered engineer submitted to CPM and CBO	Within 60 days after first synchronization of the project or completed transmission facilities	TBD		Not Started										SERC	GAF
314	VIS	VIS-1a	PC	**Surface Treatment of Project Structures** - The project owner shall treat the surfaces of all project structures and buildings visible to the public such that a) their colors minimize visual intrusion and contrast by blending with the landscape; b) their colors and finishes do not create excessive glare; and c) their colors and finishes are consistent with local policies and ordinances. The transmission line conductors shall be nonspecular and non-reflective, and the insulators shall be non-reflective and non-refractive. See **Decision** VIS-1 for specifications)	The project owner shall submit the proposed treatment plan to the CPM for review and approval and simultaneously to the city of Stanton for review and comment.	Proposed Surface Treatment Plan	At least 90 days prior to specifying to the vendor the colors and finishes of the first structures or buildings that are surface treated during manufacture	11/10/2017	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
315	VIS	VIS-1b	PC/CONS	**Revised Surface Treatment Plan** - See VIS-1a	If the CPM determines that the plan requires revision, the project owner shall provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for review and approval.	Revised Surface Treatment Plan	Before any treatment is applied	Conditional		Conditional					(Ref Only)					SERC	GAL
316	VIS	VIS-1c	CONS	**Notification that Treatment Completed** - See VIS-1a	The project owner shall notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection and shall submit one set of electronic color photographs from the same Key Observation Points (KOP) 1 and 2.	Notification that surface treatment is completed and color photographs	Prior to the start of commercial operation	6/1/2020	2/26/2018	In Progress					(Ref Only)					SERC	GAL
317	VIS	VIS-1d	OPS	**Surface Treatment Maintenance** - See VIS-1a	Project owner shall provide status report regarding surface treatment maintenance in the ACR. The report shall specify a): the condition of the surfaces of all structures and buildings at the end of the reporting year; b) maintenance activities that occured during the reporting year; and c) the schedule of maintenance activities for the next year	Status Report	Annual Compliance Report	12/31/2020		Not Started					(Ref Only)					SERC	DSR
318	VIS	VIS-2a	CONS	**Screening Landscaping Plan** - The project owner shall also submit to the CPM for review and approval, and simultaneously to the city of Stanton for review and comment, a detailed landscape plan and irrigation plan for the power plant site in fulfillment of requirements of applicable laws, ordinances, regulations, and standards, including water efficiency irrigation standards as required by the city of Stanton. See **Decision** VIS-2 for specifications.	The landscaping plans and irrigation plans shall be submitted to the CPM for review and approval and simultaneously to the city of Stanton for review and comment at least 90 days prior to installation.	Landscaping and irrigation plans	At the earliest feasible time during or prior to construction and at least 90 days prior to installation	TBD		Not Started					(Ref Only)					SERC	GAL
319	VIS	VIS-2b	CONS	**Revised Landscaping and Irrigation Plans** - See VIS-2a	If the CPM determines that the plans require revision, the project owner shall provide to the CPM and simultaneously to the city of Stanton a revised plan for review and approval by the CPM.	Revised landscaping and irrigation plans	No specific time frame	Conditional		Conditional					(Ref Only)					SERC	GAL
320	VIS	VIS-2c	COM/OPS	**Landscape Installation Timing** - See VIS-2a	The planting must occur during the first optimal planting season following completion of site construction	Landscape and irrigation installation	First optimal planting season following construction	TBD		Not Started					(Ref Only)					ARB	GAF
321	VIS	VIS-2d	COM/OPS	**Landscaping Ready for Inspection** - See VIS-2a	The project owner shall simultaneously notify the CPM and the city of Stanton within seven days after completing installation of the landscaping, that the landscaping is ready for inspection.	Notification that landscape is ready for inspection	Within seven days of completing the landscaping	TBD		Not Started					(Ref Only)					SERC	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:	Pre- Construction							
2	**All Phases**							6/30/2040						Construction							
3														Commissioning							
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**								Operations							
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**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**
322	VIS	VIS-2e	COM/OPS	**Landscaping Ready for Inspection** - See VIS-2a	The project owner shall report landscaping maintenance activities, including replacement or dead or dying vegetation, for the previous year of operation in each ACR. The CPM shall have authority to require replacement planting of dead or dying vegetation through the life of the project	Status Report	Annual Compliance Report	TBD		Not Started										SERC	DSR
323	VIS	VIS-3a	CONS	**Site Lighting, Project Construction and Commissioning** - Consistent with applicable worker safety regulations, the project owner shall ensure that lighting of on-site construction areas, and construction worker parking lots, minimizes potential night lighting impacts. (See **Decision** VIS-3 for specifications).	The project owner shall notify the CPM that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Within seven calendar days after the first use of construction lighting	3/8/2019	3/4/2019	Completed	3/7/2019									ARB	GAL
324	VIS	VIS-3b	CONS	**Lighting Modifications Corrections** - See VIS-3a	If the CPM determines that modifications to the lighting are needed for any construction milestone, project owner shall correct the lighting and notify the CPM that modifications have been completed.	Lighting modifications/ corrections, notification to CPM	Within 14 calendar days of receiving notification	Conditional		Conditional										ARB	GAL
325	VIS	VIS-3c	CONS	**Complaint Reporting** - See VIS-3a	The project owner shall provide to the CPM a copy of any complaint reports and resolution form, including a schedule for implementing corrective measures to resolve the complaint.	Complaint report and resolution form, schedule for corrective measures	Within 48 hours of receiving a lighting complaint for any construction activity	Conditional		Conditional										SERC	GAL
326	VIS	VIS-3d	CONS	**Summary of Complaints in MCR** - See VIS-3a	The project owner shall report any lighting complaints and document their resolution in the monthly compliance report for the project, accompanied by copies of completed complaint report and resolution forms for that month.	Summary of complaints and resolution in MCR, including report and forms	Monthly	Monthly		In Progress										SERC	GAL
327	VIS	VIS-4a	PC/CONS	**Lighting Management Plan, Project Operation** - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See **Decision** VIS-4 for specifications).	The project owner shall submit the comprehensive Lighting Management Plan simultaneously to the Planning Director of the city of Stanton for review and comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Lighting Management Plan and transmittal letters to Planning Director of City of Stanton for review and comment	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018		Completed						(Ref Only) Submit 6/4/2019		City of Stanton	11/26/18	11/27/18	POWER	GAL
328	VIS	VIS-4b	PC/CONS	**Lighting Management Plan, Project Operation** - The project owner shall prepare and implement a comprehensive Lighting Management Plan. The comprehensive Lighting Management Plan shall be submitted to the CPM, and the Planning Director of the city of Stanton for simultaneous review and comment. Any comments on the plan from the city shall be provided to the CPM. The project owner shall not purchase or order any lighting fixtures or apparatus until written approval of the final plan is received from the CPM. Modifications to the Lighting Management Plan are prohibited without the CPM's approval. Consistent with applicable worker safety regulations, the project owner shall design, install, and maintain all permanent exterior lighting such that light sources are not directly visible from areas beyond the project site, glare is avoided, and night lighting impacts are minimized or avoided to the maximum extent feasible. All lighting fixtures shall be selected to achieve high energy efficiency for the facility. (See **Decision** VIS-4 for specifications).	The project owner shall submit the comprehensive Lighting Management Plan simultaneously to the Planning Director of the city of Stanton for review and comment and the CPM for review and approval. The project owner shall provide the CPM with a copy of the transmittal letters submitted to the city requesting their review of the Lighting Management Plan. The CPM shall deem the Lighting Management Plan acceptable to the city of Stanton if comments are not provided to the CPM within 45 calendar days of receipt of said plan.	Provide CPM with transmittal letter submitted to city and the Lighting Management Plan	At least 90 calendar days before ordering any permanent lighting equipment for the project	12/3/2018	11/26/2018	Completed	11/27/2018					(Ref Only) Submit 6/4/2019					SERC	GAL

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329	VIS	VIS-4c	CONS/COM/OPS	**Revised Lighting Plan** - See VIS-4a	If the CPM determines that the plan requires revision, the project owner shall provide a plan with the specified revision(s) for review and approval by the CPM. A courtesy copy of the revised plan shall be provided to the Planning Director of the city of Stanton for review and comment and the CPM from review and approval. No work to implement the plan (e.g., purchasing of fixtures) shall begin until final plan approval is received from the CPM.	Revised Lighting Plan	No specific time frame	Conditional		Conditional						(Ref Only)					POWER	GAL
330	VIS	VIS-4d	CONS/COM	**Lighting Inspection Ready, Notification** - See VIS-4a	The project owner shall notify the CPM that installation of permanent lighting for the project has been completed and that the lighting is ready for inspection.	Notification that lighting is ready for inspection	Prior to the start of commercial operation of the project	TBD		Not Started										SERC	GAL
331	VIS	VIS-4e	COM/OPS	**Changes to Lighting System** - See VIS-4a	If the CPM notifies the project owner that modifications to the lighting system are required, within 30 days of receiving that notification, the project owner shall implement all specified changes and notify the CPM that the modified lighting system(s) is ready for inspection.	Changes to the lighting system	30 days after receiving the notification	Conditional		Not Started					(Ref Only)					SERC	GAL
332	VIS	VIS-4f	COM/OPS	**Lighting System Complaint** - See VIS-4a	Within 48 hours of receiving a complaint about permanent project lighting, the project owner shall provide to the CPM a copy of the complaint report and resolution form, including a schedule for implementing corrective measures to resolve the complaint	Notice to CPM	Within 48 hours of receiving a complaint permanent project lighting	Conditional		Conditional					(Ref Only)					SERC	GAL
333	VIS	VIS-4g	COM/OPS	**Status Report in ACR - Lighting System** - See VIS-4a	Project owner shall report any complaints about permanent lighting and document their 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
334	VIS	VIS-4h	COM/OPS	**Pre-COD Inspection - Lighting System** - See VIS-4a	Prior to COD, project owner shall notify CPM that installation of the lighting has been completed and is ready for inspection.	Notification to CPM	Prior to COD	TBD		Not Started					(Ref Only)					SERC	GAL
335	VIS	VIS-4i	COM/OPS	**Pre-COD Inspection - Lighting System** - See VIS-4a	If after inspection the CPM notifies the project owner that modifications to the lighting are needed, within 30 days of receiving that notification the project owner shall implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection	Notification to CPM	Within in 30 days of receiving notification	Conditional		Not Started					(Ref Only)					SERC	GAL
336	WASTE	WASTE-10a	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 30 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit a Soils	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
337	WASTE	WASTE-10b	CONS/COM	Prior to transportation of soils for disposal at the Olinda Alpha Landfill, the project owner shall obtain approval to dispose of soils at the Olinda Alpha Landfill from Orange County Waste and Recycling.	At least 5 days prior to transportation of soils for disposal to the Olinda Alpha Landfill, the project owner shall submit to the	Approval letter/correspondence from Orange County Waste and Recycling	5 days prior to transportation of soils for disposal to Olinda Alpha Landfill	2/13/2019	2/14/2019	Completed	2/22/2019									SERC	GAL
338	WASTE	WASTE-1a	PC	Landfill from Orange County Waste and Recycling.	At least 45 days prior to any earthwork, the project owner shall submit the SMP to the CPM for review and approval.	Soil Management Plan	At least 45 days prior to any earthwork	11/18/2018	10/18/2018	Completed	10/19/2018									JACOBS	GAL

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338	WASTE	WASTE-1b	CONS	**SMP Summary** - See WASTE-1a	An SMP summary shall be submitted to the CPM within 25 days of completion of any earthwork.	Soil Management Plan Summary	Within 25 days of completion of any earthwork	11/29/2019		Not Started										JACOBS	GAL
340	WASTE	WASTE-2	PC	**Professional Engineer/Geologist** - Provide the resume of an experienced and qualified Professional Engineer or Professional Geologist, who shall be available for consultation during site characterization (if needed), demolition, excavation and grading activities, to the CPM	At least 30 days prior to the start of site mobilization, submit the resume of the Professional Engineer or Professional Geologist to the CPM for review and	Professional Engineer / Geologist Resume	At least 30 days prior to the start of site mobilization	12/3/2018	11/30/2018	Completed	1/8/2019									JACOBS	GAL
341	WASTE	WASTE-3a	CONS	**Final Engineer/Geologist Report** - If seemingly contaminated soil is identified during site characterization, demolition, excavation, or grading at either the proposed site or linear facilities (as evidenced by discoloration, odor, detection by handheld instruments, or other signs), the professional engineer or geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and provide a written report to the project owner, representatives of Department of Toxic Substances Control, and the CPM stating the	The project owner shall submit any final reports filed by the professional engineer or professional geologist to the CPM within five days of their receipt.	Final reports by the engineer or geologist	Within 5 days of receipt	Conditional	6/12/19 (final NV% reports on 2 barrels and notification of barrel removal)	Not Started										JACOBS	GAL
342	WASTE	WASTE-3b	CONS	**Construction Halt Notification** - See WASTE-3a	The project owner shall notify the CPM within 24 hours of any orders issued to halt construction due to contaminated soil.	Notify the CPM	Within 24 hours of orders to halt construction	Conditional		Conditional										SERC	GAL
343	WASTE	WASTE-4a	PC	**Construction and Demolition Environmental Resources Management Plan** - The project owner shall prepare a Construction and Demolition (C & D) Environmental Resources Management and Recycling Plan for demolition and construction wastes generated and shall submit a copy of the plan to the Orange County's Public Works/Planning Department for review, and to the CPM for review and approval. See **Decision** WASTE-4 for specifications.	The project owner shall submit the C & D Environmental Resources Management and Recycling Plan to Orange County's Public Works Department for review and comment	Construction and Demolition Environmental Resources and Management Plan	30 days prior to the initiation of demolition activities at the site	12/3/2018		Completed							OCPW	11/1/2018	1/28/2019 (Approved by CPM. No Comments were received from OCPW)	JACOBS	GAF
344	WASTE	WASTE-4b	PC	**Construction and Demolition Environmental Resources Management Plan** - The project owner shall prepare a Construction and Demolition (C & D) Environmental Resources Management and Recycling Plan for demolition and construction wastes generated and shall submit a copy of the plan to the Orange County's Public Works/Planning Department for review, and to the CPM for review and approval. See **Decision** WASTE-4 for specifications.	The project owner shall submit the C & D Environmental Resources Management and Recycling Plan to the CPM for review and approval.	Construction and Demolition Environmental Resources and Management Plan	30 days prior to the initiation of demolition activities at the site	12/3/2018	11/1/2018	Completed	1/28/2019										JACOBS	GAL
345	WASTE	WASTE-4c	CONS	**Waste Volumes Reported in MCR** - See WASTE-4a	The project owner shall also document in each monthly compliance report (MCR) the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Construction and Demolition Waste Management Plan; and update the Construction and Demolition Waste Management Plan as necessary to address current waste generation and management practices.	Waste volumes and waste management methods in Monthly Compliance Reports	Monthly	Monthly		In Progress										ARB	GAL
346	WASTE	WASTE-5a	PC/CONS	**Asbestos-Containing Materials** - Prior to demolition of pipelines, buildings, and associated structures, the project owner shall survey for asbestos-containing material (ACM) and notify the CPM of the results. In the case of a need to remove such material, the project owner shall complete and submit a copy of a South Coast Air Quality Management District Notification of Demolition or Renovation Form to the CPM as related to asbestos and other materials.	Prior to demolition of pipelines, buildings, and associated structures, project owner shall survey for asbestos-containing material (ACM) and notify the CPM of the results	Notify CPM of ACM survey results	Prior to demolition of pipelines, buildings, and associated structures	12/6/2018	2/13/2019	Completed	2/22/2019				Asbestos Survey: 2/13/2019 Garage Demo Plan: 2/20/2019	Asbestos Survey: 2/14/2019 Garage Demo Plan: 2/25/2019				AEC	GAL

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347	WASTE	WASTE-5b	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.	The project owner shall provide the Notification of Demolition or Renovation Form to the CPM for review.	Notification 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
348	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 Compliance Report		Completed											SERC	GAL
349	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	Report new or temporary Hazardous waste generator ID numbers in Monthly Compliance Report	Monthly Compliance Report	Monthly Compliance Report		In Progress											SERC	GAL
350	WASTE	WASTE-7	CONS/OPS	**Enforcement Action Notification** - Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken, or proposed to be taken, against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within ten days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the way project-related wastes are managed.	Notify CPM	Within 10 days of becoming aware of an impending enforcement action.	Conditional		Conditional											SERC	GAL
351	WASTE	WASTE-8a	COM/OPS	**Operation Waste Management Plan** - The project owner shall prepare an Operation Waste Management Plan for all wastes generated during operation of the facility and shall submit the plan to the CPM for review and approval. See **Decision** WASTE-8 for specifications.	The project owner shall submit the Operation Waste Management Plan to the CPM for approval.	Operation Waste Management Plan	No less than 30 days prior to the start of project operation	5/1/2020		Not Started											SERC	DSR
352	WASTE	WASTE-8b	COM/OPS	**Revised OWMP** - See WASTE-8a	The project owner shall submit any required revisions of the Waste Management Plan to the CPM.	Revised Operation Waste Management Plan	Within 20 days of notification from the CPM that revisions are necessary.	Conditional		Not Started											SERC	DSR

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352	WASTE	WASTE-8c	OPS	**OWMP Report in ACR** - See WASTE-8a	Project owner shall also document in each ACR the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generated and	Status Report	Annual Compliance Report	12/31/2020		Not Started										SERC	DSR
354	WASTE	WASTE-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 spills of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors to the CPM. Information including the location of release; date and time of release; reason for release; volume released; amount of contaminated soil/material generated; how release was managed and material cleaned up; if the release was reported; to whom the release was reported; release corrective action and cleanup requirements placed by regulating agencies; level of cleanup achieved and actions taken to prevent a similar release or spill; and disposition of any hazardous wastes and/or contaminated soils and materials that may have been generated by the release.	Information about unauthorized release or spill	Within 48 hours of the date the release was discovered	3/1/2019 6/14/2019		Completed	3/7/2019 6/18/2019									SERC	GAL
355	WORKER SAFETY	WORKER SAFETY-1a	PC	**Construction H&S Program** - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See **Decision** WORKER SAFETY-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the program with all applicable safety orders. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Orange County Fire Authority for review and comment prior to submittal to the CPM for approval.	The project owner shall submit to the CPM for review and approval a copy of the Project Construction and Safety and Health Program.	Construction Health & Safety Program w/OCFA Comments CFPP and EAP	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
356	WORKER SAFETY	WORKER SAFETY-1b	PC	**Construction H&S Program** - Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition (See **Decision** WORKER SAFETY-1 for specification). The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval concerning compliance of the programs 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 - No letters received	N/A				1/16/19	2/4/2019	OCFA	12/3/2018	No response	ARB	GAL
357	WORKER SAFETY	WORKER SAFETY-2a	COM/OPS	**Operations H&S Program** - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	The project owner shall submit to the CPM for approval a copy of the Project Operations and Maintenance Safety and Health Program.	Operations and Maintenance Safety and Health Program w/ comments of OCFA	At least 30 days prior to the start of first-fire or commissioning	11/14/2019		Not Started					1/16/19	2/4/2019					SERC	DSR
358	WORKER SAFETY	WORKER SAFETY-2b	COM/OPS	**Operations H&S Program** - The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program (See Decision WORKER SAFETY-2 for specifications). The Operation Injury and Illness Prevention Plan, Hazardous Materials Management Program, Emergency Action Plan, Fire Prevention Plan, Fire Protection System Impairment Program, and Personal Protective Equipment Program shall be submitted to the CPM for review and approval concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan, Fire Protection System Impairment Program, and the Emergency Action Plan shall also be submitted to the Orange County Fire Authority for review and comment.	The project owner shall provide a copy to the CPM of a letter from the Orange County Fire Authority stating the fire department's timely comments on the Operations Fire Prevention Plan, Fire Protection System Impairment Program, and Emergency Action Plan.	Operations and Maintenance Safety and Health Program w/ comments of OCFA	At least 30 days prior to the start of first-fire or commissioning	11/14/2019		Not Started					1/16/19	2/4/2019					SERC	DSR
359	WORKER SAFETY	WORKER SAFETY-3a	PC	**Construction Safety Supervisor** - Provide a site Construction Safety Supervisor (CSS) who is qualified as specified in this condition (See **Decision** WORKER SAFETY-3 for specifications). The CSS shall perform the duties listed in this condition.	The project owner shall submit to the CPM the name and contact information for the Construction Safety Supervisor (CSS).	CSS Name/Contact	At least 30 days prior to the start of site mobilization	12/3/2018	11/20/2018	Completed	11/21/2018				1/16/2019	1/17/2019					ARB	GAL

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6	WORKER SAFETY	WORKER SAFETY-3b	PC/CONS	**Replacement CSS** - See WORKERSAFETY-3a	The contact information of any replacement CSS shall be submitted to the CPM within one business day.	Replacement CSS Name/Contact	Within one business day	Conditional		Conditional					conditional					ARB	GAL
360	WORKER SAFETY	WORKER SAFETY-3c	CONS	**H&S Information Reported in MCR** - See WORKERSAFETY-3a	The CSS shall submit health and safety information in the Monthly Compliance Report (See **Decision** WORKERSAFETY 3 Verification for specifications)	Health and safety information for MCR	Monthly	Monthly Compliance Report		In Progress					Monthly					ARB	GAL
361	WORKER SAFETY	WORKER SAFETY-4	PC	**Agreement to Fund Safety Monitor** - The project owner shall make payments to the Delegate Chief Building Official (DCBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project owner and the DCBO. Those services shall be in addition to other work performed by the DCBO. The Safety Monitor shall be selected from an independent company not affiliated with the DCBO and report directly to the DCBO and will be responsible for verifying that the Construction Safety Supervisor, as required in Condition of Certification WORKER SAFETY-3, implements all appropriate Cal/OSHA and Energy Commission safety requirements. The Safety Monitor shall conduct on-site (including linear facilities) safety inspections at intervals necessary to fulfill those responsibilities.	The project owner shall provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	Proof of Agreement to fund Safety Monitor	At least 60 days prior to the start of construction	11/3/2018	11/1/2018	Completed	1/18/2019				1/25/2019	1/25/2019				SERC	GAL
362	WORKER SAFETY	WORKER SAFETY-5a	PC	**Automatic External Defibrillator** - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this	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
363	WORKER SAFETY	WORKER SAFETY-5b	PC	**Automatic External Defibrillator** - A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition (See **Decision** WORKER SAFETY-5). The training	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
364	WORKER SAFETY	WORKER SAFETY-6a	PC	**Emergency Access Plan** - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton site where the specifications of the roadway will comply with the Stanton Municipal Code and the 2016 (or latest edition) California Fire Code. A secondary access must be maintained to the standards listed above for the life of the project.	The project owner shall submit the Emergency Access Plan showing the secondary emergency access to the Orange County Fire Authority for review and timely comment	Emergency Access Plan	At least 60 days prior to the start of construction, or within a time frame approved by the CPM	12/6/2018	11/2/2018	Completed	11/15/2018				1/18/2019 (Ref Only)	1/18/2019				Jacobs	GAL
365	WORKER SAFETY	WORKER SAFETY-6b	PC	**Emergency Access Plan** - The project owner shall prepare an Emergency Access Plan that shows a secondary emergency access to the Stanton site where the specifications of the roadway will comply with the Stanton Municipal Code and the 2016 (or latest edition) California Fire Code. A secondary access must be	The project owner shall submit the Emergency Access Plan showing the secondary emergency access to the CPM for review and approval.	Emergency Access Plan	At least 60 days prior to the start of construction, or within a time frame approved by the CPM	12/6/2018	11/2/2018	Completed	11/15/2018				1/18/2019 (Ref Only)	1/18/2019				Jacobs	GAL
366	WORKER SAFETY	WORKER SAFETY-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	Emergency Access Plan showing the secondary emergency access road	90 days before a change to the secondary access would occur	Conditional		Conditional					1/18/2019 (Ref Only)	1/18/2019				JACOBS	GAL
367	WORKER SAFETY	WORKER SAFETY-6d	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 CPM for review and approval.	Emergency Access Plan showing the secondary emergency access road	91 days before a change to the secondary access would occur	Conditional		Conditional					1/18/2019 (Ref Only)	1/18/2019				JACOBS	GAL
368	WORKER SAFETY	WORKER SAFETY-7a	PC/CONS	**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 Orange County Fire Authority for review and comment	Fire protection system specifications and drawings to the OCFA	At least 60 days prior to the start of construction of the fire protection system	12/6/2018		In Progress							OCFA	2/4/19		POWER	TAT
369																					

Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)

All Phases | 6/30/2040

CBO Color Code: Pre- Construction | Construction | Commissioning | Operations

Revised 4/30/2019 | **Based on Final Staff Assessment**

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
WORKER SAFETY	WORKER SAFETY-7b	PC/CONS	**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	Fire protection system specifications and drawings to the CPM	At least 60 days prior to the start of construction of the fire protection system	12/6/2018	2/6/2019 Additional Submittals made on 4/22/19	In Progress	Pending										Power	GAL
WORKER SAFETY	WORKER SAFETY-7c	PC/CONS	**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.	Fire protection system specifications and drawings to the DCBO	At least 60 days prior to the start of construction of the fire protection system	2/4/2019		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	7-1.0: 5/14/19 7-2.0: 5/15/19 7-3.0: 5/16/19 7-4.0: 7-5.0: 7-6.0: 5/14/19				Power	GAL
WORKER SAFETY	WORKER SAFETY-8a	PC	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide UL 9540 design certification for the ESS or a copy of the contract with UL (or authorized UL agent) to perform a field certification during construction of the ESS to obtain UL 9540 certification to the CPM	Copy of UL 9540 design certification for the ESS, or copy of the contract with UL to perform field certification during construction of the ESS to obtain UL 0540 certification to the CPM.	At least 60 days prior to the start of construction of BESS	10/3/2019	11/1/2018	Completed	11/13/2018										SERC	GAL
WORKER SAFETY	WORKER SAFETY-8a.1	PC	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide UL 9540 design certification for the ESS or a copy of the contract with UL (or authorized UL agent) to perform a field certification during construction of the ESS to obtain UL 9540 certification to the CPM	Copy ofUL 9540 design certification for the ESS, or copy of the contract with UL to perform field certification during construction of the ESS to obtain UL 0540 certification to the CBO.	At least 60 days prior to the start of construction of BESS	10/3/2019	11/1/2018	Completed	11/13/2018				(Ref Only)						SERC	GAL
WORKER SAFETY	WORKER SAFETY-8b	PC	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide the complete ESS fire protection drawings and specifications to the OCFA for review and comment	The project owner shall provide the complete ESS fire protection drawings and specifications to the OCFA for review and comment .	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started							OCFA	3/20/2019			SERC	GAL
WORKER SAFETY	WORKER SAFETY-8b.1	PC	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide the complete ESS fire protection drawings and specifications to the CPM for review and approval.	The project owner shall provide the complete ESS fire protection drawings and specifications to the CPM for review and approval.	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started							OCFA	3/20/2019			SERC	GAL
WORKER SAFETY	WORKER SAFETY-8b.2	PC	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall provide the complete ESS fire protection drawings and specifications to the CBO for reference only.	UL 9540 certification and drawings and specifications for the ESS to the CBO.	At least 60 days prior to the start of construction of the BESS	10/3/2019		Not Started					(Ref only)						SERC	GAL

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**Stanton Energy Reliability Center Compliance Matrix (16-AFC-01)**												CBO Color Code:	Pre- Construction							
2	**All Phases**							6/30/2040						Construction							
3														Commissioning							
4				**Revised 4/30/2019**		**Based on Final Staff Assessment**								Operations							
5	**Technical Resource**	**Cond. #**	**Phase**	**Description**	**Verification/Action/Submittal**	**Submittal**	**Date Submittal is Required**	**Due Date**	**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**
377	WORKER SAFETY	WORKER SAFETY-8c.1	PC	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall submit a copy of letter from UL stating that the design 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
378	WORKER SAFETY	WORKER SAFETY-8c.2	PC	**UL 9540 Certification** - The project owner shall ensure that the lithium ion battery energy storage system has UL Standard for Safety for Energy Storage Systems and Equipment, UL 9540 certification. The project owner shall submit the certification along with the fire protection drawings and specifications for the ESS to the Orange County Fire Authority for review and comment and to the CPM for review and approval. The project owner shall also collaborate with the Orange County Fire Authority to assist the development of standard operating procedures for first responders to implement when confronting a fire occurring within the lithium ion ESS located on site.	The project owner shall submit a copy of letter from UL stating that the design 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
379	WORKER SAFETY	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	12/15/2019		Not Started										SERC	GAL
380	WORKER SAFETY	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.	Copy of letter to OCFA offering to develop procedures, to CBO for reference only.	At least 60 days prior to commissioning of BESS	12/15/2019		Not Started					(Ref only)					SERC	GAL
381	WORKER SAFETY	WORKER SAFETY-8f	CONS	**Final UL Certification of ESS** - See WORKERSAFETY-8a	The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CPM	Final UL Certificaction of ESS to CPM.	Prior to the start of BESS commissioning	2/15/2020		Not Started										SERC	GAL
382	WORKER SAFETY	WORKER SAFETY-8f.1	CONS	**Final UL Certification of ESS** - See WORKERSAFETY-8a	The project owner shall provide a copy of the final completed UL 9540 certification of the ESS to the CBO.	Final UL Certificaction of ESS to CBO for reference only.	Prior to the start of BESS commissioning	2/15/2020		Not Started					(Ref only)					SERC	GAL

Attachment 3 – Air Quality

JACOBS®

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** **June 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	July 5, 2019
Copies to	Greg Lamberg, WPower, LLC 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) in June 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 for the month of June will be provided in electronic format or on disk media at the project owner's discretion

During construction in June 2019, 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 and demolition activities. Signs have been posted at the two 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. The daily field checklists for fugitive dust control and the sweeping logs are provided in Attachment A and summarized in Table 1 below.

Table 1. Fugitive Dust Control Measures

AQ-SC3

Implementation Measure	Out of Compliance-Trigger	In Compliance-Trigger[a]	Results During Compliance Period
All main access roads onsite are paved or stabilized	No – Dust plumes originating from access roads	Yes – No dust plumes originating from access roads	Yes – In compliance
All unpaved roads of the construction site are watered as frequently as necessary to prevent dust plume	No – Dust plumes originating from unpaved roads	Yes – No dust plumes originating from unpaved roads	Yes – In compliance
All disturbed areas of the construction site are watered as frequently as necessary to prevent dust plume	No – Dust plumes originating from disturbed areas	Yes – No dust plumes originating from disturbed areas	Yes – In compliance
Maximum speed limit of 10 miles per hour on unpaved surfaces	No – Vehicles exceeding 10 miles per hour on unpaved areas	Yes – vehicles travel 10 miles per hour or less on unpaved areas	Yes – In compliance
Visible speed limit signs posted at construction site entrances	No – No signs posted	Yes – Signs posted	Yes – In compliance. Ten miles per hour speed limit is posted.
Wheel inspection or wash stations in place	No – Track-out into roadways not managed	Yes – No track-out observed or track-outs were cleaned up immediately.	Yes – In compliance. 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

[a]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 at the project owner's discretion.

Visible dust plumes with the potential to be transported offsite were not observed in June 2019. 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 at the project owner's discretion.

The following off-road diesel equipment was used at the site in June 2019 and tagged to indicate compliance with AQ-SC5:

Manufacturer	Equipment Name	EIN
Case	580 SN - BackHoe	BX3T54
CAT	Rough Terrain Forklift	SF7A56
CAT	259D Skid Steer Loader	NG3U86
Genie	Forklift - Variable Reach	KT3V94
Genie	5K Reach Fork	JW5N58
John Deere	210 Skip Loader	JG9B74
Xtreme	XR1255 Forklift	VC6G63

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

Attachment A
Documentation of AQ-SC3 Compliance

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

AQCMM or Delegate name: Greg Lamberg

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg DN: cn=Greg Lamberg, o=W Power, ou, email=glamberg@wpowerllc.com, c=US Date: 2019.06.03 15:25:59 -07'00'

Date: 6/3/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? **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:

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

AQCMM or Delegate name: Greg Lamberg

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg DN: cn=Greg Lamberg, o=W Power, ou, email=glamberg@wpowerllc.com, c=US Date: 2019.06.04 15:15:44 -07'00'

Date: 6/4/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? **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:

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

AQCMM or Delegate name: Greg Lamberg

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg DN: cn=Greg Lamberg, o=W Power, ou, email=glamberg@wpowerllc.com, c=US Date: 2019.06.05 15:29:39 -07'00'

Date: 6/5/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? **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:

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

AQCMM or Delegate name: Greg Lamberg

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg DN: cn=Greg Lamberg, o=W Power, ou, email=glamberg@wpowerllc.com, c=US Date: 2019.06.06 15:19:29 -07'00'

Date: 6/6/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? **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:

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

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-001

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg DN: cn=Greg Lamberg, o=W Power, ou, email=glamberg@wpowerllc.com, c=US Date: 2019.06.06 15:19:29 -07'00'

Date: 6/7/2019

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? **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:

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

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.06.11 08:14:22 -07'00'

Date: 6/10/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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:

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

AQCMM or Delegate name: Jon Kimble

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.14 10:19:17 -07'00'

Date: 6-11-19

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? **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:

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

AQCMM or Delegate name: Greg Lamberg

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg DN: cn=Greg Lamberg, o=W Power, ou, email=glamberg@wpowerllc.com, c=US Date: 2019.06.12 15:04:01 -07'00'

Date: 6/12/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? **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:

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

AQCMM or Delegate name: Jon Kimble

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.13 17:02:22 -07'00'

Date: 6-13-19

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? **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:

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

AQCMM or Delegate name: Jon Kimble

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.14 15:16:04 -07'00'

Date: 6-14-19

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? **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:

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

AQCMM or Delegate name: Jon Kimble

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.17 15:23:25 -07'00'

Date: 6-17-19

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? **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:

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

AQCMM or Delegate name: Jon Kimble

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.18 18:16:20 -07'00'

Date: 6-18-19

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? **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:

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

AQCMM or Delegate name: Jon Kimble

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.19 15:25:15 -07'00'

Date: 6-19-19

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? **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:

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

AQCMM or Delegate name: Jon Kimble

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.20 17:10:47 -07'00'

Date: 6-20-19

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	**Response (yes/no)**	**If no, describe corrective action required and/or in progress**
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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? **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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.06.21 15:57:47 -07'00'

Date: 6/21/2019

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:

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

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.06.24 16:07:11 -07'00'

Date: 6/24/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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:

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

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.06.28 07:16:29 -07'00'

Date: 6/25/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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:

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

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.06.26 15:53:11 -07'00'

Date: 6/26/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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:

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

AQCMM or Delegate name: Mike Malsy

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.06.28 07:19:09 -07'00'

Date: 6/27/2019

Form: SERC-CAQ-001

Construction Fugitive Dust Control (AQ-SC3) Checklist Item	Response (yes/no)	If no, describe corrective action required and/or in progress
Are all unpaved roads and disturbed areas watered as frequently as necessary?	Y	
Are speed limit signs posted at the main entrances?	Y	
Are vehicle tires inspected and washed as necessary? Are gravel ramps installed at tire washing station?	Y	
Are construction equipment vehicle tires inspected and washed as necessary 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:

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

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-001

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.06.28 16:28:02 -07'00'

Date: 6/28/2019

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:

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

Sweeping Log

Month/Year:		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6-3-19	12:30 pm			X	X		
6-4-19	1:30 pm			X	X		must use water
6-5-19	1:35 pm			X	X		
6-6-19	1:35 pm			X	X		
6-7-19	1:35 pm			X	X		
6-10-19	1:30 pm			X	X		
6-11-19	1:30 pm			X	X		
6-12-19	1:00 pm			X	X		
6-13-19	10:00 am			X	X		
6-14-19	1:10 pm			X	X	Adrian Perez	
6-17-19	1:32 pm			X	X		
6-18-19	1:30 pm			X	X		
6-19-19	1:40 pm			X	X		
6-20-19	1:00 pm			X	X		
6-21-19	8:00 am			X	X		
6-24-19	2:10 pm			X	X		
6-25-19	1:30 pm			X	X		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6-26-19	1:45pm			X	X		
6-27-19	6:30pm			X	X		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6·3·19	700				—		
6·3·19	715				—		
6·3·19	730				—		
6·3·19	745				—		
6·3·19	800				—		
6·3·19	815				—		
6·3·19	830				—		
6·3·19	845				—		
6·3·19	900				—		
6·3·19	915				—		
6·3·19	930				—		
6·3·19	945				—		
6·3·19	1000				—		
6·3·19	1015				—		
6·3·19	1030				—		
6·3·19	1045				—		
6·3·19	1100				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.4.19	700				—		
6.4.19	715				—		
6.4.19	730				—		
6.4.19	745				—		
6.4.19	800				—		
6.4.19	815				—		
6.4.19	830				—		
6.4.19	845				—		
6.4.19	900				—		
6.4.19	915				—		
6.4.19	930				—		
6.4.19	945				—		
6.4.19	1000				—		
6.4.19	1015				—		
6.4.19	1030				—		
6.4.19	1045				—		
6.4.19	1100				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.4.19	1115				—		
6.4.19	1130				—		
6.4.19	1210				—		
6.4.19	1230				—		
6.4.19	1245				—		
6.4.19	100				—		
6.4.19	115				—		
6.4.19	130				—		
6.4.19	145				—		
6.4.19	200				—		
6.4.19	215				—		
6.4.19	230				—		
6.4.19	245				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6·3·19	1115				—		
6·3·19	1130				—		
6·3·19	1210				—		
6·3·19	1230				—		
6·3·19	1245				—		
6·3·19	100				—		
6·3·19	115				—		
6·3·19	130				—		
6·3·19	145				—		
6·3·19	200				—		
6·3·19	215				—		
6·3·19	230				—		
6·3·19	245				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.5.19	700				—		
6.5.19	715				—		
6.5.19	730				—		
6.5.19	745				—		
6.5.19	800				—		
6.5.19	815				—		
6.5.19	830				—		
6.5.19	845				—		
6.5.19	900				—		
6.5.19	915				—		
6.5.19	930				—		
6.5.19	945				—		
6.5.19	1000				—		
6.5.19	1015				—		
6.5.19	1030				—		
6.5.19	1045				—		
6.5.19	1100				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6·5·19	1115				—		
6·5·19	1130				—		
6·5·19	1210				—		
6·5·19	1230				—		
6·5·19	1245				—		
6·5·19	100				—		
6·5·19	115				—		
6·5·19	130				—		
6·5·19	145				—		
6·5·19	200				—		
6·5·19	215				—		
6·5·19	230				—		
6·5·19	245				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.6.19	700				—		
6.6.19	715				—		
6.6.19	730				—		
6.6.19	745				—		
6.6.19	800				—		
6.6.19	815				—		
6.6.19	830				—		
6.6.19	845				—		
6.6.19	900				—		
6.6.19	915				—		
6.6.19	930				—		
6.6.19	945				—		
6.6.19	1000				—		
6.6.19	1015				—		
6.6.19	1030				—		
6.6.19	1045				—		
6.6.19	1100				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.6.19	1115				—		
6.6.19	1130				—		
6.6.19	1210				—		
6.6.19	1230				—		
6.6.19	1245				—		
6.6.19	100				—		
6.6.19	115				—		
6.6.19	130				—		
6.6.19	145				—		
6.6.19	200				—		
6.6.19	215				—		
6.6.19	230				—		
6.6.19	245				—		

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

Sweeping Log

Month/Year: JUN-2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.7.19	700				—		
6.7.19	715				—		
6.7.19	730				—		
6.7.19	745				—		
6.7.19	800				—		
6.7.19	815				—		
6.7.19	830				—		
6.7.19	845				—		
6.7.19	900				—		
6.7.19	915				—		
6.7.19	930				—		
6.7.19	945				—		
6.7.19	1000				—		
6.7.19	1015				—		
6.7.19	1030				—		
6.7.19	1045	✓			—		
6.7.19	1100				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6-7-19	1115				—		
6-7-19	1130				—		
6-7-19	1210				—		
6-7-19	1230				—		
6-7-19	1245				—		
6-7-19	100				—		
6-7-19	115				—		
6-7-19	130				—		
6-7-19	145				—		
6-7-19	200				—		
6-7-19	215				—		
6-7-19	230				—		
6-7-19	245				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6·10·19	700				—		
6·10·19	715				—		
6·10·19	730				—		
6·10·19	745				—		
6·10·19	800				—		
6·10·19	815				—		
6·1019	830				—		
6·10·19	845				—		
6·10·19	900				—		
6·10·19	915				—		
6·10·19	930				—		
6·10·19	945				—		
6·10·19	1000				—		
6·10·19	1015				—		
6·10·19	1030				—		
6·10·19	1045				—		
6·10·19	1100				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6·10·19	1115				—		
6·10·19	1130				—		
6·10·19	1210				—		
6·10·19	1230				—		
6·10·19	1245				—		
6·10·19	100				—		
6·10·19	115				—		
6·10·19	130				—		
6·10·19	145				—		
6·10·19	200				—		
6·10·19	215				—		
6·10·19	230				—		
6·10·19	245				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.11.19	700				—		
6.11.19	715				—		
6.11.19	730				—		
6.11.19	745				—		
6.11.19	800				—		
6.11.19	815				—		
6.11.19	830				—		
6.11.19	845				—		
6.11.19	900				—		
6.11.19	915				—		
6.11.19	930				—		
6.11.19	945				—		
6.11.19	1000				—		
6.11.19	1015				—		
6.11.19	1030				—		
6.11.19	1045				—		
6.11.19	1100				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.11.19	1115				—		
6.11.19	1130				—		
6.11.19	1210				—		
6.11.19	1230				—		
6.11.19	1245				—		
6.11.19	100				—		
6.11.19	115				—		
6.11.19	130				—		
6.11.19	145				—		
6.11.19	200				—		
6.11.19	215				—		
6.11.19	230				—		
6.11.19	245				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6-12-19	700				—		
6-12-19	715				—		
6-12-19	730				—		
6-12-19	745				—		
6-12-19	800				—		
6-12-19	815				—		
6-12-19	830				—		
6-12-19	845				—		
6-12-19	900				—		
6-12-19	915				—		
6-12-19	930				—		
6-12-19	945				—		
6-12-19	1000				—		
6-12-19	1015				—		
6-12-19	1030				—		
6-12-19	1045				—		
6-12-19	1100				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
	1115				—		
	1130				—		
	1210				—		
	1230				—		
	1245				—		
	100				—		
	115				—		
	130				—		
	145				—		
	200				—		
	215				—		
	230				—		
	245				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6-13-19	700				—		
6-13-19	715				—		
6-13-19	730				—		
6-13-19	745				—		
6-13-19	800				—		
6-13-19	815				—		
6-13-19	830				—		
6-13-19	845				—		
6-13-19	900				—		
6-13-19	915				—		
6-13-19	930				—		
6-13-19	945				—		
6-13-19	1000				—		
6-13-19	1015				—		
6-13-19	1030				—		
6-13-19	1045				—		
6-13-19	1100				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6·13·19	1115				—		
6·13·19	1130				—		
6·13·19	1210				—		
6·13·19	1230				—		
6·13·19	1245				—		
6·13·19	100				—		
6·13·19	115				—		
6·13·19	130				—		
6·13·19	145				—		
6·13·19	200				—		
6·13·19	215				—		
6·13·19	230				—		
6·13·19	245				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.14.19	700				—		
6.14.19	715				—		
6.14.19	730				—		
6.14.19	745				—		
6.14.19	800				—		
6.14.19	815				—		
6.14.19	830				—		
6.14.19	845				—		
6.14.19	900				—		
6.14.19	915				—		
6.14.19	930				—		
6.14.19	945				—		
6.14.19	1000				—		
6.14.19	1015				—		
6.14.19	1030				—		
6.14.19	1045				—		
6.14.19	1100				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.14.19	1115				—		
6.14.19	1130				—		
6.14.19	1145				—		
6.14.19	1210				—		
6.14.19	1230				—		
6.14.19	1245				—		
6.14.19	100				—		
6.14.19	115				—		
6.14.19	130				—		
6.14.19	145				—		
6.14.19	200				—		
6.14.19	215				—		
6.14.19	230				—		
6.14.19	245				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.17.19	700				—		
6.17.19	715				—		
6.17.19	730				—		
6.17.19	745				—		
6.17.19	800				—		
6.17.19	815				—		
6.17.19	830				—		
6.17.19	845				—		
6.17.19	900				—		
6.17.19	915				—		
6.17.19	930				—		
6.17.19	945				—		
6.17.19	1000				—		
6.17.19	1015				—		
6.17.19	1030				—		
6.17.19	1045				—		
6.17.19	1100				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.17.19	1115				—		
6.17.19	1130				—		
6.17.19	1210				—		
6.17.19	1230				—		
6.17.19	1245				—		
6.17.19	108				—		
6.17.19	115				—		
6.17.19	130				—		
6.17.19	145				—		
6.17.19	200				—		
6.17.19	215				—		
6.17.19	230				—		
6.17.19	245				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6·18·19	700				—		
6·18·19	715				—		
6·18·19	730				—		
6·18·19	745				—		
6·18·19	800				—		
6·18·19	815				—		
6·18·19	830				—		
6·18·19	845				—		
6·18·19	900				—		
6·18·19	915				—		
6·18·19	930				—		
6·18·19	945				—		
6/18·19	1000				—		
6·18·19	1015				—		
6·18·19	1030				—		
6·18·19	1045				—		
6·18·19	1100				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6-18-19	1115				—		
6-18-19	1130				—		
6-18-19	1210				—		
6-18-19	1230				—		
6-18-19	1245				—		
6-18-19	100				—		
6-18-19	115				—		
6-18-19	130				—		
6-18-19	145				—		
6-18-19	200				—		
6-18-19	215				—		
6-18-19	230				—		
6-18-19	245				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.19.19	700				—		
6.19.19	715				—		
6.19.19	730				—		
6.19.19	745				—		
6.19.19	800				—		
6.19.19	815				—		
6.19.19	830				—		
6.19.19	845				—		
6.19.19	900				—		
6.19.19	915				—		
6.19.19	930				—		
6.19.19	945				—		
6.19.19	1000				—		
6.19.19	1015				—		
6.19.19	1030				—		
6.19.19	1045				—		
6.19.19	1100				—		

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

Sweeping Log

Month/Year: JUN-2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.19.19	1115				—		
6.19.19	1130				—		
6.19.19	1210				—		
6.19.19	1230				—		
6.19.19	1245				—		
6.19.19	100				—		
6.19.19	115				—		
6.19.19	130				—		
6.19.19	145				—		
6.19.19	200				—		
6.19.19	215				—		
6.19.19	230				—		
6.19.19	245				—		

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

Sweeping Log

Month/Year: JUN-2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.20.19	700				—		
6.20.19	715				—		
6.20.19	730				—		
6.20.19	745				—		
62019	800				—		
6.20.19	815				—		
6.20.19	830				—		
6.20.19	845				—		
6.2019	900				—		
6.20.19	915				—		
62019	930				—		
6.20.19	945				—		
6.20.19	1000				—		
620.19	1015				—		
6.20.19	1030				—		
6.20.19	1045				—		
6.20.19	1100				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6·20·19	1115				/		
6·20·19	1130				/		
6·20·19	1210				/		
6·20·19	1230				/		
6·2019	1245				/		
6·2019	100				/		
6·20·19	115				/		
6·20·19	130				/		
6·20·19	145				/		
6·20·19	200				/		
6·20·19	215				/		
6·2019	230				/		
6·20·19	245				/		

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

Sweeping Log

Month/Year:		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6·21·19	700				✓		
6·21·19	715				✓		
6·21·19	730				✓		
6·21·19	745				✓		
6·21·19	800				✓		
6·21·19	815				✓		
6·21·19	830				✓		
6·21·19	845				✓		
6·21·19	900				✓		
6·21·19	915				✓		
6·21·19	930				✓		
6·21·19	945				✓		
6·21·19	1000				✓		
6·21·19	1015				✓		
6·21·19	1030				✓		
6·21·19	1045				✓		
6·21·19	1100				✓		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6·21·19	1115				—		
6·21·19	1130				—		
6·21·19	1210				—		
6·21·19	1230				—		
6·21·19	1245				—		
6·21·19	100				—		
6·21·19	115				—		
6·21·19	130				—		
6·21·19	145				—		
6·21·19	200				—		
6·21·19	215				—		
6·21·19	230				—		
6·21·19	245				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.24.19	700				—		
6.24.19	715				—		
6.24.19	730				—		
6.24.19	745				—		
6.24.19	800				—		
6.24.19	815				—		
6.24.19	830				—		
6.24.19	845				—		
6.24.19	900				—		
6.24.19	915				—		
6.24.19	930				—		
6.24.19	945				—		
6.24.19	1000				—		
6.24.19	1015				—		
6.24.19	1030				—		
6.24.19	1045				—		
6.24.19	1100				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.24.19	1115				—		
6.24.19	1130				—		
6.24.19	1210				—		
6.24.19	1230				—		
6.24.19	1245				—		
6.24.19	100				—		
6.24.19	115				—		
6.24.19	130				—		
6.24.19	145				—		
6.24.19	200				—		
6.24.19	215				—		
6.24.19	230				—		
6.24.19	245				—		

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

Sweeping Log

Month/Year:		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6·25·19	600				—		
6·25·19	615				—		
6·25·19	630				—		
6·25·19	645				—		
6·25·19	700				—		
6·25·19	715				—		
6·25·19	730				—		
6·25·19	745				—		
6·25·19	800				—		
6·25·19	815				—		
6·25·19	830				—		
6·25·19	845				—		
6·25·19	900				—		
6·25·19	915				—		
6·25·19	930				—		
6·25·19	945				—		
6·25·19	1000				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.25.19	1020				—		
6.25.19	1045				—		
6.25.19	1100				—		
6.25.19	1115				—		
6.25.19	1130				—		
6.25.19	1210				—		
6.25.19	1230				—		
6.25.19	1245				—		
6.25.19	100				—		
6.25.19	115				—		
6.25.19	130				—		
6.25.19	145				—		
6.25.19	200				—		
6.25.19	215				—		
6.25.19	230				—		
6.25.19	245				—		

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

Sweeping Log

Month/Year: JUNE 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6·26·19	700				✓		
6·26·19	715				✓		
6·26·19	730				✓		
6·26·19	745				✓		
6·26·19	800				✓		
6·26·19	815				✓		
6·26·19	830				✓		
6·26·19	845				✓		
6·26·19	900				✓		
6·26·19	915				✓		
6·26·19	930				✓		
6·26·19	945				✓		
6·26·19	1000				✓		
6·26·19	1015				✓		
6·26·19	1030				✓		
6·26·19	1045				✓		
6·26·19	1100				✓		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6-26-19	1115				✓		
6-26-19	1130				✓		
6-26-19	1210				✓		
6-26-19	1230				✓		
6-26-19	1245				✓		
6-26-19	100				✓		
6-26-19	115				✓		
6-26-19	130				✓		
6-26-19	145				✓		
6-26-19	200				✓		
6-26-19	215				✓		
6-26-19	230				✓		
6-26-19	245				✓		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.27.19	700				—		
6.27.19	715				—		
6.27.19	730				—		
6.27.19	745				—		
6.27.19	800				—		
6.27.19	815				—		
6.27.19	830				—		
6.27.19	845				—		
6.27.19	900				—		
6.27.19	915				—		
6.27.19	930				—		
6.27.19	945				—		
6.27.19	1000				—		
6.27.19	1015				—		
6.27.19	1030				—		
6.27.19	1645				—		
6.27.19	1700				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.27.19	1115				—		
6.27.19	1130				—		
6.27.19	1145				—		
6.27.19	1200				—		
6.27.19	1215				—		
6.27.19	1230				—		
6.27.19	1245				—		
6.27.19	100				—		
6.27.19	115				—		
6.27.19	130				—		
6.27.19	200				—		
6.27.19	215				—		
6.27.19	230				—		
6.27.19	245				—		
6.27.19	300				—		
6.27.19	315				—		
6.27.19	330				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6-28-19	700				—		
6-28-19	715				—		
6-28-19	730				—		
6-28-19	745				—		
6-28-19	800				—		
6-28-19	815				—		
6-28-19	830				—		
6-28-19	845				—		
6-28-19	900				—		
6-28-19	915				—		
6-28-19	930				—		
6-28-19	945				—		
6-28-19	1000				—		
6-28-19	1015				—		
6-28-19	1030				—		
6-28-19	1045				—		
6-28-19	1100				—		

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

Sweeping Log

Month/Year: June 2019		Sweeping Area Sweeping Area (Check if Swept)				Operator Signature	Notes
Date	Time	Onsite	Fern	Pacific	Dale		
6.28.19	1115				✓		
6.28.19	1130				✓		
6.28.19	1210				✓		
6.28.19	1230				✓		
6.28.19	1245				✓		
6.28.19	100				✓		
6.28.19	115				✓		
6.28.19	130				✓		
6.28.19	145				✓		
6.28.19	200				✓		
6.28.19	215				✓		
6.28.19	230				✓		
6.28.19	245				✓		

Appendix B
Documentation of AQ-SC5 Compliance

SERC Offroad Diesel Equipment Inventory June 2019

				Equipment						Engine										
Date Arrived	Date Removed	CARB ID 6 digit (EIN)	SERC ID	Manufacturer	Model/Description	Model Year	Serial Number	Owner	Renter	Manufacturer	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	Diesel (hp)	Tier	Engine Certification on File	Compliance Tag	Notes
2/4/2019	onsite	VC6G63	SERC_001	Xtreme	XR1255 Forklift	2016	XR1255031693102	ARB	N/A	FPT Industrial S.P.A	FFPXK03.4FSD	854E-E34TA	3.4	2015	JU82679-L025417	122	T4	u-r-015-0283	Green tag issued 02/04/2019	
2/20/2019	3/21/2019	NA	SERC_002	Multiquip	DCA70SSIU4F - Generator	2015	NA	United Rentals	ARB	Isuzu	JCEXL04.5AAJ	BR-4JJ1x	2.9	2015	74402993	95.2	T4	NA	Green tag issued 02/19/2019	EO not available. Tier 4 verified based in engine specs.
2/20/2019	onsite	BX3T54	SERC_003	CASE	580 SN - BackHoe	2014	JJ6N585NLECT05659	D+S BACKHOE SERVICE	N/A	FPT INDUSTRIAL	EFPX034DD	FSHFL4ADD	207 CU IN	2014	215914	97	T4	u-r-015-0283	Green tag issued 02/19/2019	
2/20/2019	4/25/2019	UG9N98	SERC_005	CAT	Cat 966M wheel loader	2014	KJP000570	Ortiz	Ortiz	CAT	ECPYL09.3HTF	C9.3	9.3	2014	SYE01292	303	4F	u-r-001-0479	Green tag issued 02/27/2019	
2/20/2019	5/20/2019	YS5A98	SERC_006	CAT	56S - 84" roller	2014	L8H00587	Ortiz	Ortiz	CAT	DPKXL04.4MI1	C4.4	NA	2013	C7N11131	156.9	4I	NA	Green tag issued 02/27/2019	on EPA NRCI data https://www.epa.gov/compliance-and-
2/25/2019	3/8/2019	YV7D79	SERC_007	Volvo	ECR235I - 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	GSZXL09.8QXA	6UZ1	NA	2016	527667	362	4	u-r-006-0421	Green tag issued 02/27/2019	
2/26/2019	3/1/2019	SK8S74	SERC_010	CAT	450F - Backhoe	2016	HJR00594	Lalonde	Ortiz	Perkins Engine Company	EPKXL04.4MK1	C4.4	4.4	2014	C7N36796	127	4	u-r-022-0191	Green tag issued 02/27/2019	
2/27/2019	5/20/2019	JG9B74	SERC_011	John Deere	210L Skip Loader	2017	1T8210LXPHF894289	Ortiz	Ortiz	John Deere	HJDXL04.5315	404HT096	4.5	2017	PE4045U052929	93	4F	u-r-004-0537	Green tag issued 02/27/2019	
3/6/2019	3/19/2019	SF7A56	SERC_012	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	4I	u-r-022-0176-1	Green Tag issued on 3/7/2019	
3/12/2019	3/18/2019	RG5N99	SERC_013	CAT	966K Wheel Loader	2011	TFS00270	Ortiz	Ortiz	CAT	BCPXL09.3HPA	C9.3	9.3	2011	MME03431	274	4I	u-r-001-0409	Green Tag issued on 3/15/2019	
3/20/2019	3/25/2019	YJ4K66	SERC_014	JLG	Forklift - 54'	2014	160057617	Sunstate	ARB	Cummins	DCEXL04.5AAE	QSB$.5	4.5	2014	73617640	130	4I	u-r-002-0586	Green Tag issued on 3/22/2019	Will only be on site for a few days while SERC ID: SERC_012 is offsite for
3/21/2019	onsite	KT3V94	SERC_015	Genie	Forklift - Varialbe Reach	2014	BR2596	United Rentals	Newtron	Deutz	EDZXL02.9020	TD2.9L4	2.9	2014	11731188	74	4	u-r-013-0472-1	Green Tag issued on 3/22/2019	
3/22/2019	onsite	SF7A56	SERC_016	CAT	Rough Terrain Forklift	2012	KDE00312	ARB	ARB	Perkins Engine Company	CPKXL04.4MK1	C4.4	4.4	2012	44800893	125	4I	u-r-022-0176-1	Green Tag issued on 3/22/2019	Formerly SERC_012 (was removedon 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	FDZXl02.9020	TD2.9L4	2.9	2015	h	74	4	u-r-013-0496	Green Tag issued on 4/11/2019	
4/10/2019	4/23/2019	BG8T73	SERC_019	John Deere	JD650JLTDozer	2009	T0650JX172684	Savala Equipment Rentals	Ortiz	John Deere	8JDXL06.8105	4045HT057		2008	PE4045L068083	115	3	u-r-004-0313	Yellow Tag issued on 4/11/2019	
4/26/2019	5/15/2019	BS9V43	SERC_020	John Deere	JD550K XLT Dozer	2015	1T0550KXHEE273832	Savala Equipment Rentals	Ortiz	John Deere	FJDXL04.5211	4045 HT070 A,B,C,D	4.5	2015	R534172-B	85	4	u-r-004-0499	Green Tag issued on 4/30/2019	
5/8/2019	5/22/2019	WW5G33	SERC_021	Bobcat	T 590 Skid Steer	2017	ALJU23845	United Rentals	ARB	Doosan	HDICL02.4LEA	D24NAP	2.392	2017	D24NAP7105046LE	66	4	u-r-019-0145	Green Tag Issued 5/14/2019	
5/14/2019	5/20/2019	DF9E37	SERC_022	Case	721G Wheel Loader	2017	NGF240121	United Rentals	Ortiz	Fiat Power Train	GFPXL06.7SDB	F4HFE613TB	4.5/6.7	2016	1444310	145	4F	u-r-015-0322	Green Tag Issued 5/14/2019	
5/22/2019	Onsite	NG3U86	SERC_023	CAT	259D Skid Steer Loader	2018	FTL14586	ARB	ARB	Kubota	HKBXL03.3EKD	C#.3B	3.3	2017	8HQ0121	73.2	4	u-r-025-0733	Green Tag Issued 5/24/2019	
6/18/2019	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. Used EPA https://www.epa.gov/compli	Green Tag Issued 6/19/2019	

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg DN: cn=Greg Lamberg, o=W Power, ou, email=glamberg@wpoerllc.com, c=US Date: 2019.06.03 15:27:06 -07'00'

Date: 6/3/2019

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg DN: cn=Greg Lamberg, o=W Power, ou, email=glamberg@wpowerllc.com, c=US Date: 2019.06.04 15:17:03 -07'00'

Date: 6/4/2019

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

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg DN: cn=Greg Lamberg, o=W Power, ou, email=glamberg@wpoerllc.com, c=US Date: 2019.06.05 15:31:05 -07'00'

Date: 6/5/2019

Form: SERC-CAQ-003

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: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg DN: cn=Greg Lamberg, o=W Power, ou, email=glamberg@wpoerllc.com, c=US Date: 2019.06.06 15:20:41 -07'00'

Date: 6/6/2019

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: Jon Kimble

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg DN: cn=Greg Lamberg, o=W Power, ou, email=glamberg@wpoerllc.com, c=US Date: 2019.06.06 15:20:41 -07'00'

Date: 6/6/2019

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

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.06.11 08:17:06 -07'00'

Date: 6/10/2019

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: Jon Kimble

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.14 10:16:36 -07'00'

Date: 6/11/2019

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: Greg Lamberg

Form: SERC-CAQ-003

AQCMM or Delegate signature: Greg Lamberg Digitally signed by Greg Lamberg DN: cn=Greg Lamberg, o=W Power, ou, email=glamberg@wpoerllc.com, c=US Date: 2019.06.12 15:08:15 -07'00'

Date: 6/12/2019

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.13 17:13:11 -07'00'

Date: 6-13-19

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

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.14 15:17:25 -07'00'

Date: 6-14-19

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

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.17 15:25:14 -07'00'

Date: 6-17-19

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?	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

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.18 18:20:17 -07'00'

Date: 6-18-19

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

Added 1 Roller <49 HP #461038 Added 1 Skip Loader >49HP #431012.

AQCMM or Delegate name: Jon Kimble

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.19 15:28:37 -07'00'

Date: 6-19-19

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?	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

Form: SERC-CAQ-003

AQCMM or Delegate signature: Jon Kimble Digitally signed by Jon Kimble Date: 2019.06.20 17:12:05 -07'00'

Date: 6-20-19

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?	Y	If no, the onsite Delegate shall: 1.) Verify equipment is included on the Off-Road Diesel Equipment Inventory. 2.) Fill out tag and attach to equipment.
Are heavy duty diesel engines idling less than 5 minutes, to the extent practical?	Y	If no, the onsite Delegate shall notify the equipment owner and/or operator of the requirement to limit idling to the extent practical.
Are off-road engine fluid leaks visible?	N	If yes, the onsite Delegate shall notify equipment owner immediately about the need for maintenance.

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.06.21 15:59:42 -07'00'

Date: 6/21/2019

Diesel-Fueled Engine Control Checklist Item (AQ-SC5)	**Response (yes/no)**	**Action**
Has any off-road diesel equipment been delivered to the site today?	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 Malsy Date: 2019.06.24 16:01:53 -07'00'

Date: 6/24/2019

Form: SERC-CAQ-003

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.06.28 07:17:35 -07'00'

Date: 6/25/2019

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 Malsy Date: 2019.06.26 15:55:17 -07'00'

Date: 6/26/2019

Form: SERC-CAQ-003

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.06.28 07:21:02 -07'00'

Date: 6/27/2019

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

ADDITIONAL NOTES:

AQCMM or Delegate name: Mike Malsy

Form: SERC-CAQ-003

AQCMM or Delegate signature: Michael Malsy Digitally signed by Michael Malsy Date: 2019.06.28 16:29:43 -07'00'

Date: 6/28/2019

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:

Primoris Services Corporation
ARB Inc.

July 1, 2019

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

Attn: Greg Lamberg
Project Compliance

RE: Maintenance and Inspection of Equipment

Dear Mr. Lamberg:

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	Rente
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
5/22/2019	Onsite	NG3U86	SERC_023	CAT	259D Skid Steer Loader	2018	FTL14586	ARB	ARB
6/18/2019	Onsite	WK9J63	SERC_024	Deere	210l Skip Loader	2016	1T8210ELLGJ893464	ARB	N/A

Respectfully,

Steven Fischer
ARB, Inc.
Project Manager

Bill Petty's Backhoe Service, Inc.
13203 Barlin Ave.
Downey, CA 90242
amysback@ca.rr.com
562-630-3162
Fax: 562-630-7341

July 1, 2019

ARB, Inc.
26000 Commercentre Dr.
Lake Forest, CA 92630

Attn: Nick Tasich

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

Subject: Equipment Maintenance
Month: June 2019

Dear Mr. Tasich,

This letter serves to inform you that the following equipment on the job is being serviced and maintained, the operator does a daily walk around inspection each morning. The operator has the reports with him for the backhoe and you can see the reports at any time.

D & S Backhoe (Kent) 580 SN–Backhoe: Serial Number: JJ6N585NLECT05659

If you should have any questions, please let me know.

Respectfully submitted,

Patricia Petty
President

Date Move on	Date Move off	CARB ID 6 digit (EIN)	SERC ID	Mfr	Model/ Description	Model Year	Serial Number	Owner
2/20/2019	onsite	BX3T54	SERC_003	CASE	580 SN-Backhoe	2014	JJGN585NLECT05650	D&S BACKHOE SERVICE

Renter	Mfr	Engine Family	Engine Model	Displacement (L)	Model Year	Serial Number	Diesel (hp)	Tier
Bill's Backhoe	FPT INDUSTRIAL	EFPX034DD	FSHFL4ADD	207 CU IN	2014	215914	97	T4

Engine Certification on File	Compliance Tag	Notes
u-r-015-0283	Green tag issued 02/19/2019	

1301 SOUTH STATE COLLEGE BLVD

Fullerton, CA. 92831

Office : 714-871-5712

Fax : 714-871-1107

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 JUNE 2019.

This is for the equipment listed below at:

10711 DALE ST

STANTON, CA. 90680

DESCRIPTION	EIN NUMBER	SERIAL NUMBER
GENIE VARIABLE REACH FORKLIFT	JW5N58	10366180
GENIE VARIABLE REACH FORKLIFT	KT3V94	10358157

All info verified by: United Rentals, Inc.

Sergio Gonzalez

Territory Manager

Attachment 4 –Biological Resources

JACOBS®

Memorandum

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

Subject **Stanton Energy Reliability Center (16-AFC-1)**
Biological Resources Monthly Compliance Report
June 2019

To: Tim Bofman, SERC, LLC

From: Ava Edens, Jacobs
SERC CEC Designated Biologist

Date: July 5, 2019

Copies: Greg Lamberg, WPower, LLC
Sharon Stureman, SERC, LLC
Doug Davy, Jacobs
Karen Parker, Jacobs

1. Introduction

This June 2019 Monthly Compliance Report (MCR) summarizes biological resources monitoring activities conducted and documentation prepared from June 1 through June 30, 2019 at the Stanton Energy Reliability Center (SERC) (16-AFC-1C) site located at 10711 Dale Avenue, Stanton, Orange County, California. 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 license Conditions of Certification (COCs) pertaining to monitoring activities covered by this MCR include, but are not limited to:

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

2. Monitoring Summary

This section summarizes biological monitoring activities conducted during the June 2019 reporting period. Construction started on February 19, 2019 after the Energy Commission issued the Notice to Proceed.

Biological monitoring was conducted daily. One active nest was observed within the SERC site; and another new active nest was observed off-site at the additional project parking area at the Bethel Romanian Pentecostal Apostolic Church. The Active Nest Notifications are provided in Appendix A. Daily

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

2.1 Activities Monitored

SERC construction activities from June 1 through June 30, 2019 included site excavation, foundations, construction of bridges (pedestrian and utility) across Stanton Storm Channel and sump/storage pit construction. These construction activities included excavation, trenching, and pouring concrete.

2.2 Nesting Birds

One active nest was observed within the SERC site during the June 2019 reporting period and two active nests were observed off-site at the additional project parking area at the Bethel Romanian Pentecostal Apostolic Church. The following is a summary of bird nests protected under the Migratory Bird Treaty Act that were active during the June 2019 reporting period within the SERC survey area:

- An active mourning dove (*Zenaida macroura*) nest was identified on May 30, 2019 at the off-site SERC leased parking area at the north end of the Bethel Romanian Pentecostal Apostolic Church. The nest was located at approximately 33.8057306 latitude and -117.9847750 longitude. The nest was on a palm tree trunk (in a bark ledge) approximately 15 feet above the ground. This nest was active during the June 2019 reporting period but was considered inactive after June 25, 2019.

- An active lesser goldfinch (*Spinus psaltria*) nest was identified on June 4, 2019 at the off-site SERC leased parking area at the north end of the Bethel Romanian Pentecostal Apostolic Church. The nest is located at approximately 33.8057306 latitude and -117.9847750 longitude. The nest is in an ash tree approximately 15 feet above the ground. This nest was active through the end of the June 2019 reporting period.

- An active mourning dove (*Zenaida macroura*) nest was identified on June 11, 2019 on the western SERC parcel. The nest location is at approximately 33.8066536 latitude and -117.9878214 longitude. The nest is on a ladder in an equipment storage area. A 25-foot no-disturbance buffer zone was established around the nest (as accessible) with flagging and signage. This nest was active through the end of the June 2019 reporting period.

The Active Nest Notifications are provided in Appendix A. Nesting behaviors observed during monitoring at the SERC site are described in further detail in the Biological Resources Compliance Monitoring Logs, which are provided in Appendix B.

2.3 Special-Status Species

No special status species were observed in the project vicinity or on the project site during April 2019. A list of wildlife species observed during nest surveys and monitoring in June 2019 is included in Appendix C.

2.4 Wildlife Injuries and Mortalities

No injured wildlife species were observed within the SERC boundary or survey area; however, animal remains were observed during the June 2019 reporting period. The following is a summary of dead wildlife that were observed:

- A deceased domestic cat (*Felis catus*) was identified on June 5, 2019 off-site, but within the SERC survey area, south of the western SERC parcel along the railroad tracks.
- A deceased black rat (*Rattus rattus*) was found on the SERC site on June 6, 2019; near the portable toilets southeast of the office trailers on the Western Parcel.

Wildlife Observations Forms for deceased wildlife observed during the June 2019 reporting period are provided in Appendix D.

2.5 Hazardous Material Spills

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

2.6 Non-Compliance Report

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

3. WEAP Training

All on-site staff received WEAP training prior to starting work on site. A total of 20 persons completed the SERC WEAP training in June 2019. The hardcopy sign-in training logs for the monthly reporting period are included in Appendix E.

Appendix A
Active Nest Notifications

Edens, Ava/SCO

To: Heiser, John@Energy; Valand, Andrew@Wildlife; Christine_Medak@fws.gov
Cc: Davy, Doug/SAC; Parker, Karen/SAC; Tim Bofman; Greg Lamberg
Subject: RE: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)
Attachments: 20190604_SERC_NestNotification.pdf

Dear John,

A second nest has been identified at the off-site Stanton Energy Reliability Center (SERC) leased parking area (described below). A lesser goldfinch (*Spinus psaltria*) nest is location is at approximately 33°48'20.63"N latitude and 117°59'5.19"W longitude. The nest is approximately 15 feet above ground in an ash tree immediately east of the palm tree with the mourning dove nest, near the intersection of Dale Ave. and Monroe Ave. (see attached). The SERC biological monitor has been monitoring the nest building activities daily and the pair now appear to be in the incubation phase. Normal worker parking has continued and the lesser goldfinch pair has not shown signs of disturbance or distress.

Similarly to the mourning dove nest, which is approximately 10 feet west of the lesser goldfinch nest, no fencing or buffer is proposed at this time for the reasons described below. Per Condition of Certification BIO-8, the nest will be monitored by the on-site biological monitor for any signs of distress while the nest is active. If signs of disturbance or distress are observed I will reach out to you immediately so that adaptive measures to reduce disturbance can be implemented immediately.

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

Thank you,
Ava

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

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From: Heiser, John@Energy [mailto:john.heiser@energy.ca.gov]
Sent: Monday, June 03, 2019 7:17 AM
To: Edens, Ava/SCO <Ava.Edens@jacobs.com>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>; Tim Bofman <tbofman@wellhead.com>; Greg Lamberg <glamberg@wpowerllc.com>
Subject: [EXTERNAL] RE: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)

Good morning Eva, thank you for sending in the active nest notification for SERC per COC Bio 8.
John

From: Edens, Ava/SCO <Ava.Edens@jacobs.com>
Sent: Friday, May 31, 2019 4:33 PM
To: Heiser, John@Energy <john.heiser@energy.ca.gov>; Valand, Andrew@Wildlife <Andrew.Valand@wildlife.ca.gov>; Christine_Medak@fws.gov
Cc: Davy, Doug/SAC <Doug.Davy@jacobs.com>; Parker, Karen/SAC <Karen.Parker@jacobs.com>; Tim Bofman <tbofman@wellhead.com>; Greg Lamberg <glamberg@wpowerllc.com>
Subject: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)

Dear John,

A mourning dove (*Zenaida macroura*) nest has been identified as potentially active at the off-site Stanton Energy Reliability Center (SERC) leased parking area. The leased SERC parking area is at the north end of the Bethel Romanian Pentecostal Apostolic Church, located at 10801 Dale Avenue in Stanton. The nest location is at approximately 33°48'20.63"N latitude and 117°59'5.19"W longitude. The nest is on a palm tree trunk (in a bark ledge) approximately 15 feet above the ground. The palm tree is the easternmost palm tree along the north boundary of the parking lot, in a planter, near the intersection of Dale Ave. and Monroe Ave. (see attached). The SERC biological monitor has been monitoring the nest building activities daily. Normal worker parking has continued and the mourning dove pair has not shown signs of disturbance or distress. The parking area is most active with SERC worker vehicles at the beginning and end of the day, with little activity in between. During the workday, the parking lot gate remains closed. On weekends project vehicles are not permitted and the church utilizes their parking lot. In addition, the area receives regular traffic (including pedestrian and truck traffic) along Dale Ave. and Monroe Ave. as well as street parking on Monroe Ave.

The SERC project activities (worker parking) are off-site and consistent with the current use of the area and no significant change in the level of project parking is anticipated. In addition, the nesting mourning dove pair show no signs of disturbance or distress. Therefore, no fencing or buffer is proposed at this time. Per Condition of Certification BIO-8, the nest will be monitored by the on-site biological monitor for any signs of distress while the nest is active. If signs of disturbance or distress are observed I will reach out to you immediately so that adaptive measures to reduce disturbance can be implemented immediately.

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

Thank you,
Ava

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

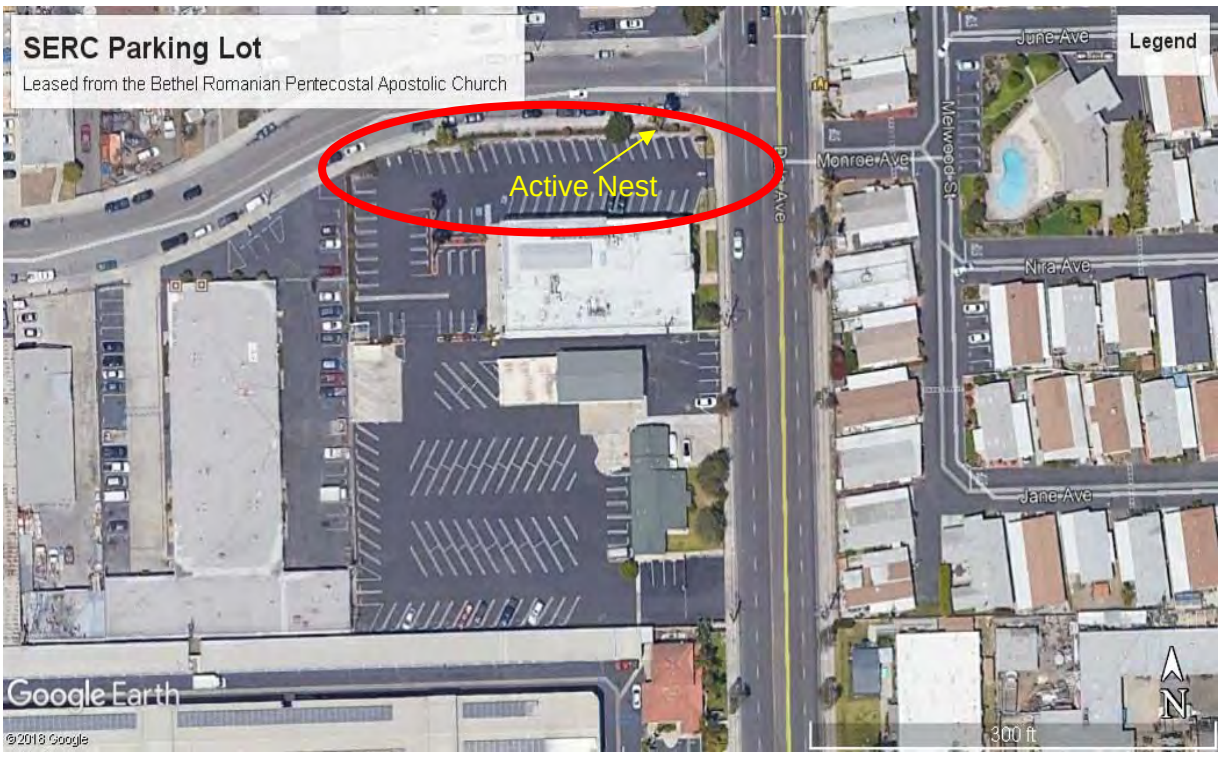


Figure 1. Google Earth image of the Bethel Romanian Pentecostal Apostolic Church parking lot located at 10801 Dale Avenue, Stanton, California. The portion of the lot to be used by Project personnel is circled in red. The approximate location of the lesser goldfinch (*Spinus psaltria*) nest is shown in yellow.

Figure 2. View of lesser goldfinch (*Spinus psaltria*) nest located approximately 15 feet above ground on the branch end of an ash tree on north boundary of the Bethel Romanian Pentecostal Apostolic Church parking lot, facing north.

Edens, Ava/SCO

From: Edens, Ava/SCO
Sent: Tuesday, June 11, 2019 5:19 PM
To: Heiser, John@Energy; Valand, Andrew@Wildlife; Christine_Medak@fws.gov
Cc: Davy, Doug/SAC; Parker, Karen/SAC; Tim Bofman; Greg Lamberg
Subject: Active Nest Notification for the Stanton Energy Reliability Center (16-AFC-1)
Attachments: 06112019 SERC Wildlife Observation Report.pdf

Dear John,

An active mourning dove (*Zenaida macroura*) nest was identified today on the western parcel of the Stanton Energy Reliability Center (SERC). The nest location is at approximately 33.8066536 latitude and -117.9878214 longitude. The nest is on a ladder in an equipment storage area (see attached). A 25-foot no-disturbance buffer zone has been established around the nest (as accessible) with flagging and signage.

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

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

Thank you,
Ava

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

Stanton Energy Reliability Center (SERC)

Wildlife Observation Form

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

Date	Observer	Observer's Employer
06/11/2019	Ken Levenstein	Jacobs

Location of Observation

An active mourning dove nest was discovered in the central portion of the Western Parcel, approximately 10 feet from the southern perimeter fence. Coordinates: 33.8066536, -117.9878214.

Wildlife Species	Condition of Wildlife (alive/dead)
Mourning dove (*Zenaida macroura*)	Live

Cause of Injury or Mortality (Don't speculate, If unknown, enter "unknown")

Current Location of Animal

Stanton Energy Reliability Center (SERC).

Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?

Yes		No	NO	N/A	

If Yes, Explain

A mourning dove nest was discovered near the top of a 6 ft ladder that is stored vertically, leaning against a CONEX container on the Western Parcel. The nest contained one egg being incubated by an adult. The Designated Biologist was notified and a 25-ft buffer installed to protect the nest from disturbance.

Additional Comments

Photo 1			
			
Location	SERC – Western Parcel	**Description**	Mourning dove nest located on a ladder stored vertically leaning against a conex container.
Photo 2			
			
Location	SERC – Western Parcel	**Description**	Close on same photo as above.

Photo 1			
			
Location	SERC – Western Parcel	**Description**	Location of mourning dove nest (circled in red).
Photo 2			
			
Location	SERC – Western Parcel	**Description**	Wider view of mourning dove nest location (indicated by red arrow).

Figure 1. Google Earth image of SERC mourning dove nest location (indicated by yellow dot) with a 25 ft buffer surrounding it (indicated in red). The nest is near the top of a 6 ft ladder that is stored vertically, leaning against a CONEX container (represented by blue rectangle). Additional stored equipment left (west) of the CONEX container is represented by green square. The CONEX and stored equipment effectively screen the nest from Project noise and activity. Nest coordinates: 33.8066536, -117.9878214.

Appendix B
Biological Resources Compliance Monitoring Logs

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 3, 2019	Cara Snellen	0600-1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
62-73	1-10	0 in	Good	Overcast skies - morning

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; slurry pour at vehicle bridge pipeline trench, foundation soil build and compaction; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, slurry pour at north trench, ongoing activities related to construction of the ductwork, utility racks, and turbine foundations, trenching at south pipeline, trench modifications/extension at north pipeline, delivery and movement of equipment/materials; reporting (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Eurasian collared dove (*Streptopelia decaocto*; ECDO) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities.
- Mourning Dove (*Zenaida macroura*; MODO) nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch (*Spinus psaltria*; LEGO) nest in Church parking lot currently in incubation stage. No signs of disturbance.

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: killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), Cassin's kingbird *Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), Allen's hummingbird (*Selasphorus sasin*), red-tailed hawk (*Buteo jamaicensis*), lesser goldfinch, Brewer's blackbird (*Euphagus cyanocephalus*), Botta's pocket gopher (*Thomomys bottae*)

Photo 1			
			
Location	SERC – Western Parcel	**Description**	Soil foundation build and compaction in West parcel, facing northeast.
Photo 2			
			
Location	SERC –Western Parcel	**Description**	Completed slurry pour in vehicle bridge pipeline in West parcel, facing east.

Photo 3

Location	SERC – Eastern Parcel	Description	Rebar delivery in East parcel, facing west.

Photo 4

Location	SERC – Eastern Parcel	Description	Trenching for south pipeline in East parcel, facing east.

Photo 5

Location	SERC – Eastern Parcel	Description	Pipe welding for north pipeline in East parcel, facing north.

Photo 6

Location	SERC – Eastern Parcel	Description	North pipeline trench modifications/extensions in East parcel, facing northeast.

Photo 7

Location	SERC – Eastern Parcel	**Description**	Slurry pour at north pipeline adjacent to vehicle bridge in East parcel, facing northwest.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 4, 2019	Cara Snellen	0600-1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
61-71	2-10	0.0 in	Good	Overcast skies - morning

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; vehicle bridge pipeline trench fill and compaction, foundation soil contouring; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, slurry pour at south trench and east ductwork, ongoing activities related to construction of the ductwork, utility racks, and turbine foundations, trenching at south pipeline, movement of equipment/materials; reporting (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for nesting activity.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Eurasian collared dove (*Streptopelia decaocto*; ECDO) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities.
- Mourning Dove (*Zenaida macroura*; MODO) nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch (*Spinus psaltria*; LEGO) nest in Church parking lot currently in incubation stage. No signs of disturbance.

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: killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), Allen's hummingbird (*Selasphorus sasin*), red-tailed hawk (*Buteo jamaicensis*), lesser goldfinch, Brewer's blackbird (*Euphagus cyanocephalus*), California gull (*Larus californicus*), black phoebe (*Sayornis nigricans*), turkey vulture (*Cathartes aura*)

Photo 1

Location	SERC – Western Parcel	**Description**	Trench backfill at vehicle bridge pipeline in West parcel, facing northeast.

Photo 2

Location	SERC –Western Parcel	**Description**	Soil foundation contouring in West parcel, facing northeast.

Photo 3

Location	SERC – Eastern Parcel	Description	Foundation construction activities in East parcel, facing east.

Photo 4

Location	SERC – Eastern Parcel	Description	Pipe construction activities and installation of north pipeline in East parcel, facing east.

Photo 5

Location	SERC – Eastern Parcel	**Description**	Trenching for eastern extension of south pipeline in East parcel, facing southwest.

Photo 6

Location	SERC – Eastern Parcel	**Description**	Slurry pour at south pipeline trench in East parcel, facing east.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 5, 2019	Ken Levenstein	0600-1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
60 – 68	0 – 8 SW	0.0 in	Good	Overcast to partly sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; vehicle bridge pipeline trench fill and compaction, foundation soil contouring; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, slurry pour at south trench and east ductwork, ongoing activities related to construction of the ductwork, utility racks, and turbine foundations, trenching at south pipeline, movement of equipment/materials; reporting (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove (*Zenaida macroura*) pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities; however, it should be noted that this is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- Mourning Dove nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently in incubation stage. No signs of disturbance.

Other Biological Resources Observations:

- A very decomposed dead domestic cat (*Felis catus*) was reported south of the Western Parcel along the Union Pacific railroad tracks (33.8065804 N, -117.9874261 W). Cause of death unknown. Westminster Animal Control was called to pick it up.

Other Observations/Comments:

- None

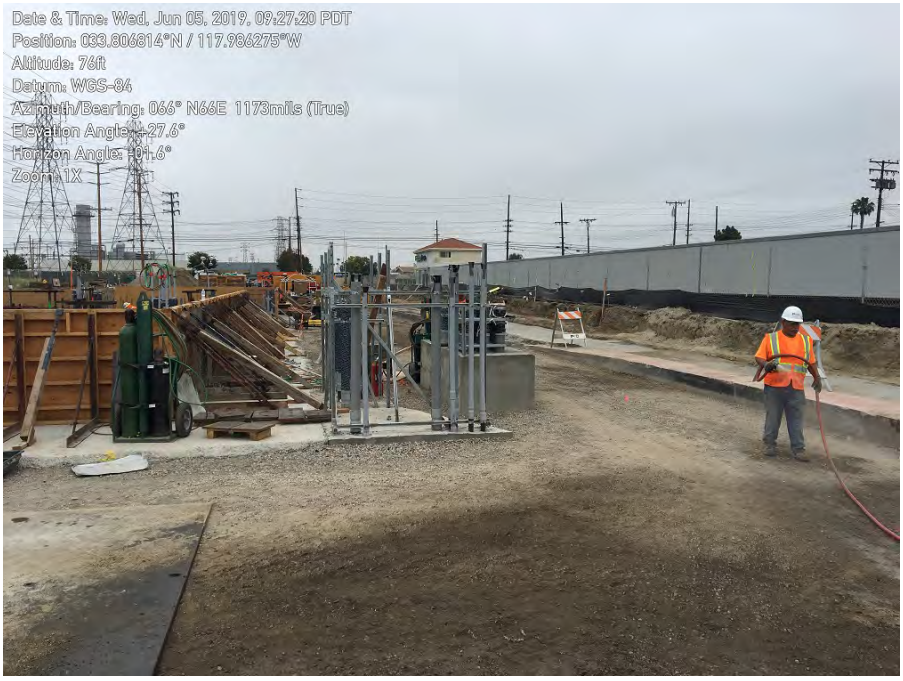
Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: Red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferous*), California gull (*Larus californicus*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), black phoebe (*Sayornis nigricans*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), Brewer's blackbird (*Euphagus cyanocephalus*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1



Location	SERC – Eastern Parcel	**Description**	View southeast from central portion of the Eastern Parcel at worker engaged in dust suppression adjacent to the 33- and 66-kV ductwork along the southern perimeter of the Parcel. The Generator 2 foundation under construction visible at left.

Photo 2

Location	SERC –Eastern Parcel	**Description**	View northeast from central portion of the Eastern Parcel at forms for Generator 2 foundation.

Photo 3

Location	SERC – Eastern Parcel	**Description**	View east from central portion of the Eastern Parcel at recently poured slurry over the 33- and 66-kV ductwork along the southern perimeter of the Parcel.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View east from eastern portion of the Eastern Parcel at eastern end of recently poured slurry and trench boxes in place for further 33- and 66-kV ductwork excavation.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View northeast from eastern portion of the Eastern Parcel at ongoing foundation work.

Photo 6

Location	SERC – Eastern Parcel	**Description**	View north from western end of Eastern Parcel at ongoing foundation work adjacent to the vehicle bridge.

Photo 7

Location	SERC – Eastern Parcel	**Description**	Trenching for eastern extension of south pipeline in East parcel, facing southwest.

Photo 8

Location	SERC – Eastern Parcel	**Description**	Slurry pour at south pipeline trench in East parcel, facing east.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 6, 2019	Ken Levenstein	0600-1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
61 – 68	0 – 7 SW	0.0 in	Good	Cloudy to partly sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; foundation soil contouring; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, pouring of concrete, ongoing activities related to construction of the ductwork, utility racks, and turbine foundations, movement of equipment/materials; reporting (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove (*Zenaida macroura*) pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities; however, it should be noted that this is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- Mourning Dove nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently in incubation stage. No signs of disturbance.

Other Biological Resources Observations:

- A dead black rat (*Rattus rattus*) was reported next to the porta-potties southeast of the office trailers on the Western Parcel along the Union Pacific railroad tracks (33.8065804 N, -117.9874261 W). Cause of death unknown. Animal was disposed of.

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: Red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), black phoebe (*Sayornis nigricans*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), Brewer's blackbird (*Euphagus cyanocephalus*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View west from eastern portion of the Eastern Parcel at ongoing excavation for conduit adjacent to the 33- and 66-kV ductworks along the southern perimeter of the Parcel.

Photo 2

Location	SERC –Eastern Parcel	**Description**	View southeast from western end of the Eastern Parcel at concrete pour for the transformer foundation.

Photo 3

Location	SERC – Western Parcel	**Description**	View northeast from eastern end of the Western Parcel at ongoing foundation contouring work.

Photo 4

Location	SERC – Eastern Parcel	**Description**	Another view (see Photo 2) southeast from western portion of the Eastern Parcel at concrete pour for the transformer foundation.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View south from western portion of the Eastern Parcel at work on recently poured concrete.

Photo 6

Location	SERC – Eastern Parcel	**Description**	View northeast from western end of Eastern Parcel at ongoing pipefitting work along the northern perimeter of the Parcel.

Photo 7

Location	SERC – Eastern Parcel	**Description**	View southeast from eastern portion of the Eastern Parcel at ongoing work on fabrication of conduit.

Photo 8

Location	SERC – Eastern Parcel	**Description**	View northeast from central portion of the Eastern Parcel at ongoing pipefitting work along the northern perimeter of the Parcel.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 7, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
61 – 68	0 – 7 SW	0.0 in	Good	Cloudy

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; foundation soil contouring; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, pouring of concrete, ongoing activities related to construction of the ductwork, utility racks, and turbine foundations, movement of equipment/materials; reporting (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove (*Zenaida macroura*) pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities; however, it should be noted that this is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).
- Mourning Dove nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently in incubation stage. No signs of disturbance.

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: Red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), black phoebe (*Sayornis nigricans*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View west from eastern portion of Eastern Parcel at the southern perimeter trench where work continues on the 33- and 66-kV ductworks.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View west from central portion of the Eastern Parcel at ongoing pipefitting work in trench along the northern perimeter of the Parcel.

Photo 3

Location	SERC – Eastern Parcel	**Description**	View northeast from central portion of the Eastern Parcel at pipefitter welding station.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View west from central portion of the Eastern Parcel at Generator 2 foundation under construction.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View northeast from western portion of the Eastern Parcel at ongoing infrastructure foundation work.

Photo 6

Location	SERC – Western Parcel	**Description**	View northeast from eastern end of Western Parcel at materials being delivered by telescoping forklift across the Stanton Storm Channel from the Eastern to the Western Parcel.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 10, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63 – 89	0 – 6 SW	0.0 in	Good	Sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; receiving of construction materials; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, concrete pour, ongoing activities related to construction of the ductwork, utility racks, and turbine foundations, movement of equipment/materials; reporting (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove (*Zenaida macroura*) pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Lesser Goldfinch nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Mourning Dove nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: Red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), red-crowned parrot (*Amazona viridigenalis*), black phoebe (*Sayornis nigricans*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), Bullock's oriole (*Icterus bullockii*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View east from eastern portion of Eastern Parcel at ongoing piecemeal excavation for Project infrastructure.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View southeast from eastern portion of the Eastern Parcel at ongoing construction of the 33- and 66-kV lines along the southern perimeter of the parcel.

Photo 3

Location	SERC – Eastern Parcel	Description	View west-northwest from central portion of the Eastern Parcel at pipefitters working along northern perimeter of the parcel.

Photo 4

Location	SERC – Eastern Parcel	Description	View west-southwest from eastern portion of the Eastern Parcel at ongoing Project infrastructure work.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View southeast from central portion of the Eastern Parcel at ironworker welding rebar for Generator 2 foundation.

Photo 6

Location	SERC – Western Parcel	**Description**	View north from eastern end of Western Parcel at forms in place for the water demineralization system master control unit foundation.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 11, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64 – 84	0 – 6 SW	0.0 in	Good	Sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; receiving of construction materials; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, ongoing activities related to construction of the ductwork, utility racks, and turbine foundations, movement of equipment/materials; reporting (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove (*Zenaida macroura*) pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- A mourning dove nest was discovered near the top of a 6 ft ladder that is stored vertically, leaning against a CONEX container on the Western Parcel. The nest contained one egg being incubated by an adult. The Designated Biologist was notified, and a 25-ft buffer installed to protect the nest from disturbance.
- Lesser Goldfinch nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Mourning Dove nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: Red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Western Parcel	**Description**	View of mourning dove sitting on newly discovered nest.

Photo 2

Location	SERC – Western Parcel	**Description**	Close on incubating mourning dove..

Photo 3

Location	SERC – Western Parcel	**Description**	Broader view of mourning dove nest. Location of nest indicated by red circle.

Photo 4

Location	SERC – Western Parcel	**Description**	Broader view of mourning dove nest location.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 12, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
62 – 79	0 – 5 SW	0.0 in	Good	Overcast early to mostly sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; receiving of construction materials; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, concrete pouring, ongoing activities related to construction of the ductwork, utility racks, and turbine foundations, movement of equipment/materials; reporting (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove (*Zenaida macroura*) pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Mourning dove nest on the Western Parcel currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Mourning Dove nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: Red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View northeast from western portion of the Eastern Parcel at ongoing trench excavation.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View east-northeast from central portion of the Eastern Parcel at concrete pouring activities.

Photo 3

Location	SERC – Eastern Parcel	Description	Broader view of concrete pour.

Photo 4

Location	SERC – Eastern Parcel	Description	View northeast from central portion of the Eastern Parcel at pipefitter welding behind visual screen.

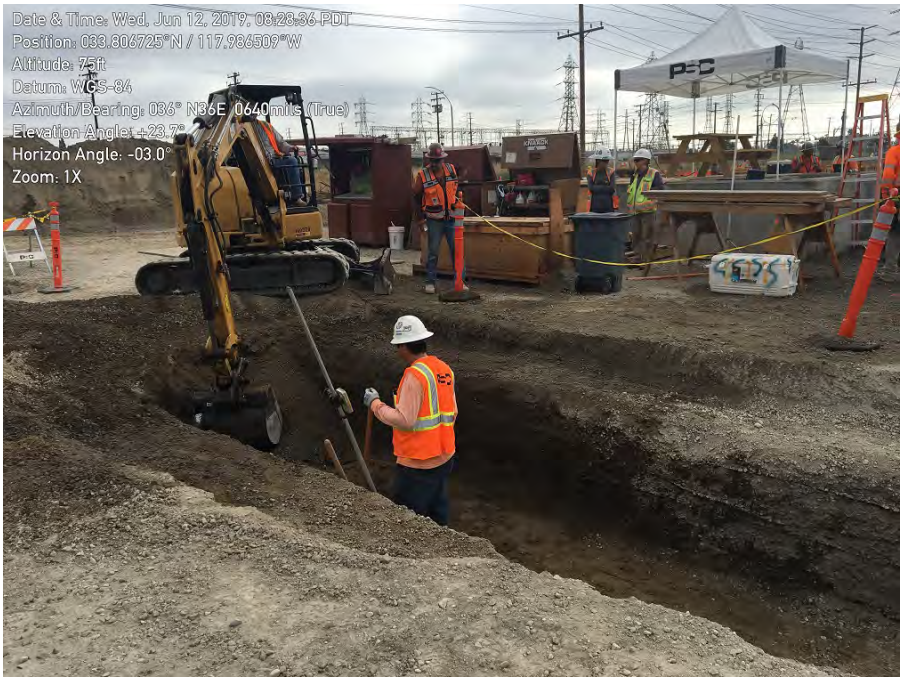
Photo 5

Location	SERC – Eastern Parcel	**Description**	Another view (northwest) from central portion of the Eastern Parcel at pipefitters at work.

Photo 6

Location	SERC – Eastern Parcel	**Description**	View northwest from central portion of the Eastern Parcel at ironworkers laying in rebar for the Generator 2 foundation.

Photo 7



Location	SERC – Eastern Parcel	Description	A closer view (see Photo 1) northeast of ongoing trenchwork in the western portion of the Eastern Parcel.

Photo 8

Location	SERC – Eastern Parcel	Description	View southeast from eastern portion of the Eastern Parcel at pump truck pouring concrete into ductwork trench along southern perimeter of Parcel.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 13, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
62 – 73	0 – 6 SW	0.0 in	Good	Overcast to partly sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Monitored nesting mourning dove (*Zenaida macroura*) pair for signs of disturbance. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; receiving of construction materials; reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, ongoing activities related to construction of the ductwork, utility racks, Generator 2, and turbine foundations, piecemeal excavation, movement of equipment/materials; reporting. (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove (*Zenaida macroura*) pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Mourning dove nest on the Western Parcel currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Mourning Dove nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Other Biological Resources Observations:

- Adult and young (1st year) red-tailed hawks (*Buteo jamaicensis*) observed flying over Eastern Parcel.

Other Observations/Comments:

- None

Items Requiring Action/Follow-up

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

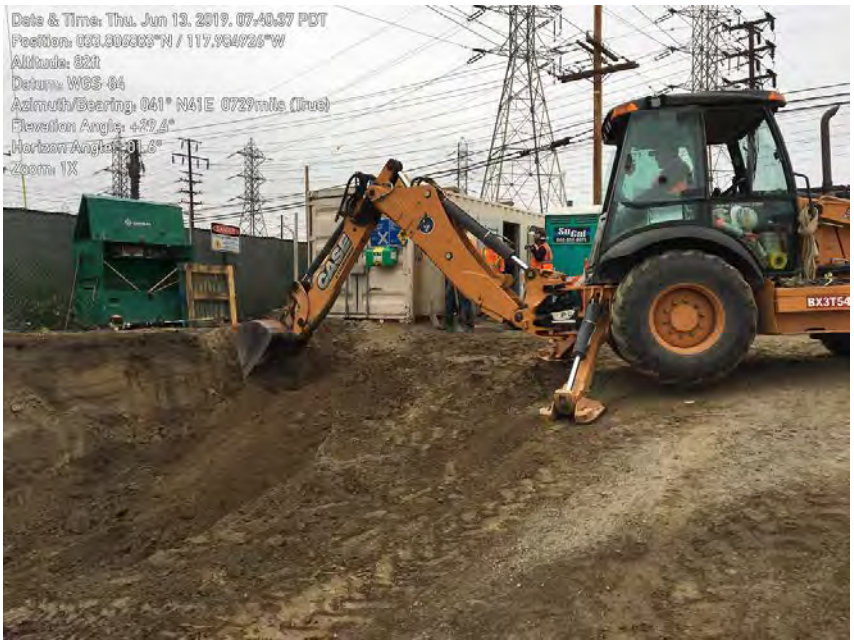
Wildlife Species Observed:

Birds: Red-tailed hawk, killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), black phoebe (*Sayornis nigricans*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View northeast from central portion of the Eastern Parcel at pipefitter welding in northern perimeter trench.

Photo 2



Location	SERC – Eastern Parcel	**Description**	View northeast from eastern portion of the Eastern Parcel at continuing activities.

Photo 3

Location	SERC – Eastern Parcel	**Description**	View northeast from central portion of the Eastern Parcel at telescopic forklift delivering pipe for placement in northern perimeter trench.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View west from western portion of the Eastern Parcel at ongoing ductwork construction.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 14, 2019	Cara Snellen	0600-1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63-72	1-5	0.0 in	Good	Overcast skies - morning

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Monitored nesting mourning dove (*Zenaida macroura*) pair for signs of disturbance. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; foundation build; material movement; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, duct trenching; ongoing activities related to construction of the ductwork, utility racks, and turbine foundations, south pipeline installation, piecemeal excavation/contouring; movement of equipment/materials; reporting (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Mourning dove nest in the Western Parcel currently in incubation stage. No signs of disturbance.
- Mourning Dove nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Other Biological Resources Observations:

- None

Other Observations/Comments:

- Minor fluid spill from trash truck in paved parking lot of Western parcel. Crew used spill kit to complete cleanup. No impacts to biological resources occurred.

Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), Allen's hummingbird (*Selasphorus sasin*), red-tailed hawk (*Buteo jamaicensis*), lesser goldfinch, black phoebe (*Sayornis nigricans*)

Photo 1

Location	SERC – Western Parcel	Description	Foundation build work in West parcel, facing northeast.

Photo 2

Location	SERC –Western Parcel	Description	Movement of materials in West parcel, facing northwest.

Photo 3

Location	SERC – Eastern Parcel	Description	Trenching for ductwork in East parcel, facing west.

Photo 4

Location	SERC – Eastern Parcel	Description	Pipe construction activities (welding) and installation of north pipeline in East parcel, facing north.

Photo 5

Location	SERC – Eastern Parcel	**Description**	Excavation and contouring in East parcel, facing east.

Photo 6

Location	SERC – Western Parcel	**Description**	Fluid spill (after cleanup) in paved parking lot of West parcel, facing southwest.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 17, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
61 – 68	0 – 7 SW	0.0 in	Good	Overcast to mostly cloudy

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Monitored nesting mourning dove (*Zenaida macroura*) pair for signs of disturbance. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; foundation build, receiving of construction materials; reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, ongoing activities related to construction of the ductwork, utility racks, and turbine foundation, piecemeal excavation/contouring, movement of equipment/materials; reporting. (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove (*Zenaida macroura*) pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Mourning dove nest on the Western Parcel currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Mourning Dove nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: Red-tailed hawk, killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), black phoebe (*Sayornis nigricans*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Western Parcel	**Description**	View northeast from eastern portion of the Western Parcel at workers building forms for the water demineralization system master control unit foundation.

Photo 2

Location	SERC – Western Parcel	**Description**	View east from eastern portion of the Western Parcel at continuing parcel foundation contouring.

Photo 3

Location	SERC – Eastern Parcel	Description	View northwest from eastern portion of the Eastern Parcel at pipefitters welding adjacent to the northern perimeter trench.

Photo 4

Location	SERC – Eastern Parcel	Description	View southeast from western portion of the Eastern Parcel at Wellhead personnel checking measurements of the fin fan cooler foundation.

Photo 5

Location	SERC – Western Parcel	Description	View northwest from eastern portion of the Western Parcel at ARB personnel engaged in trenching for water line.

Photo 6

Location	SERC – Western Parcel	Description	View south from central portion of the Western Parcel at pipefitters working in the fabrication area.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 18, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
61 – 67	0 – 5 SW	0.0 in	Good	Cloudy

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Monitored nesting mourning dove (*Zenaida macroura*) pair for signs of disturbance. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; foundation build, receiving of construction materials; reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, ongoing activities related to construction of the ductwork, utility racks, and turbine foundation, concrete pouring, piecemeal excavation/contouring, movement of equipment/materials; reporting. (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove (*Zenaida macroura*) pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Mourning dove nest on the Western Parcel currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Mourning Dove nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: Red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Western Parcel	**Description**	View east from central portion of the Western Parcel at ongoing trenching for water line. Water application is for dust suppression.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View east from western portion of the Eastern Parcel at workers engaged in concrete pour for the fin fan cooler foundation.

Photo 3

Location	SERC – Eastern Parcel	**Description**	View northwest from eastern portion of the Eastern Parcel at forklift maneuvering pipe into place for the northern perimeter trench.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View southwest from eastern portion of the Eastern Parcel at spoils pile relocating activity.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View east-southeast from eastern portion of the Eastern Parcel at newly poured concrete covering ductworks in the southern perimeter trench.

Photo 6

Location	SERC – Eastern Parcel	**Description**	View south from eastern portion of the Eastern Parcel at concrete pouring activity adjacent to the southern perimeter ductworks.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 19, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
61 – 77	0 – 7 SW	0.0 in	Good	Cloudy early to sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Monitored nesting mourning dove (*Zenaida macroura*) pair for signs of disturbance. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; trenching, contouring, foundation build, receiving of construction materials; reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, ongoing activities related to construction of the ductwork, utility racks, and turbine foundation, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove (*Zenaida macroura*) pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Mourning dove nest on the Western Parcel currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Mourning Dove nest in Church parking lot currently in incubation stage. No signs of disturbance.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: Red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View northeast from eastern portion of the Eastern Parcel at the eastern end of the pipelines in the northern perimeter trench.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View west from central portion of the Eastern Parcel at ongoing foundation buildup and contouring work.

Photo 3

Location	SERC – Eastern Parcel	**Description**	View west from western portion of the Eastern Parcel at ongoing construction of ductworks.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View southwest from western portion of the Eastern Parcel at workers building forms for transformer foundation concrete pour.

Photo 5

Location	SERC – Western Parcel	**Description**	View northeast from eastern portion of the Western Parcel at ongoing parcel foundation contouring work. Water being sprayed is for dust suppression.

Photo 6

Location	SERC – Western Parcel	**Description**	View south from central portion of the Western Parcel at area closed due to the presence of an active mourning dove nest. Location of the nest is circled in red; however, the nest is obscured from view by stacks of ladders.

Photo 7

Location	SERC – Eastern Parcel	**Description**	View east from western portion of the Eastern Parcel at pipelines under construction in northern perimeter trench.

Photo 8

Location	SERC – Western Parcel	**Description**	View south-southwest from central portion of the Western Parcel at ongoing waterline trenchwork.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 20, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64 – 70	0 – 8 SSW	0.0 in	Good	Cloudy

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Monitored nesting mourning dove (*Zenaida macroura*) pair for signs of disturbance. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; trenching, contouring, foundation build, concrete pour, receiving of construction materials; reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, ongoing activities related to construction of the ductwork, utility racks, and turbine foundation, concrete pour, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove (*Zenaida macroura*) pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Mourning dove nest on the Western Parcel currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently feeding young nestlings. No signs of disturbance.
- Mourning Dove nest in Church parking lot currently in incubation or young nestling stage. No signs of disturbance.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: Red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Western Parcel	**Description**	View northwest from southeast corner of the Western Parcel at workers getting ready prior to concrete being poured for the water demineralization system master control unit foundation.

Photo 2

Location	SERC – Western Parcel	**Description**	View northeast from central portion of the Western Parcel at ongoing installation of the fire-water pipe.

Photo 3

Location	SERC – Western Parcel	**Description**	View northeast from eastern portion of the Western Parcel at concrete pour for the water demineralization system master control unit foundation.

Photo 4

Location	SERC – Western Parcel	**Description**	View northeast from central portion of the Western Parcel at removal of asphalt prior to continuation of trenching for the fire-water pipe installation.

Photo 5

Location	SERC – Western Parcel	**Description**	View northwest from central portion of the Western Parcel at continuation of trenching for the fire-water pipe installation.

Photo 6

Location	SERC – Western Parcel	**Description**	Another view northeast (see Photo 3) from eastern portion of the Western Parcel at concrete pour for the water demineralization system master control unit foundation.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 21, 2019	Cara Snellen	0600-1445

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63-71	1-10	0.1 in	Good	Overnight precipitation; cloudy skies

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Monitored nesting mourning dove (*Zenaida macroura*) pair for signs of disturbance. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; water pipe install; material movement; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, ongoing activities related to construction of the ductwork, utility racks, and turbine foundations, foundation build/contouring; movement of equipment/materials; gravel delivery; reporting (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Mourning dove nest in the Western Parcel currently in incubation stage. No signs of disturbance.
- Mourning Dove nest in Church parking lot currently in incubation or young nestling stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently feeding young nestlings. No signs of disturbance.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), Allen's hummingbird (*Selasphorus sasin*), red-tailed hawk (*Buteo jamaicensis*), lesser goldfinch, black phoebe (*Sayornis nigricans*), Western gull (*Larus occidentalis*), American crow (*Corvus brachyrhynchos*), white-throated swift (*Aeronautes saxatalis*)

Photo 1

Location	SERC – Western Parcel	Description	Pipe install in West parcel, facing northwest.

Photo 2

Location	SERC –Eastern Parcel	Description	Pipe work in north pipeline trench in East parcel, facing west.

Photo 3

Location	SERC – Eastern Parcel	**Description**	Foundation construction in East parcel, facing northwest.

Photo 4

Location	SERC – Eastern Parcel	**Description**	Foundation build, compaction, and contouring in East parcel, facing west.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 24, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
62 – 73	0 – 6 SW	0.0 in	Good	Cloudy to partly sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Monitored nesting mourning dove (*Zenaida macroura*) pair for signs of disturbance. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; trenching, contouring, foundation build, water pipe installation, reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, ongoing activities related to construction of the ductwork, utility racks, and turbine foundation, piecemeal trenching, foundation contouring, concrete pour, movement of equipment/materials; reporting. (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) and mourning dove (*Zenaida macroura*) pairs for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Mourning dove nest on the Western Parcel currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently feeding nestlings. No signs of disturbance.
- Mourning Dove nest in Church parking lot was not seen today. Nest may have failed for unknown reasons.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: killdeer (*Charadrius vociferous*), California gull (*Larus californicus*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Western Parcel	**Description**	View west from central portion of the Western Parcel at ongoing installation of the fire-water pipe.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View northwest from central portion of the Eastern Parcel at workers preparing forms for generator and stack foundations concrete pour.

Photo 3

Location	SERC – Eastern Parcel	Description	View west from eastern portion of the Eastern Parcel at inspector checking pipes for irregularities.

Photo 4

Location	SERC – Eastern Parcel	Description	View east from western portion of the Eastern Parcel at ongoing piecemeal trenching and parcel foundation contouring.

Photo 5

Location	SERC – Eastern Parcel	Description	View west from central portion of the Eastern Parcel at freshly poured concrete along the southern perimeter ductworks.

Photo 6

Location	SERC – Eastern Parcel	Description	Another view southeast (see Photo 4) from western portion of the Eastern Parcel at ongoing piecemeal trenching and parcel foundation contouring.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 25, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
61 – 67	0 – 5 SW	0.0 in	Good	Cloudy

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Monitored nesting mourning dove (*Zenaida macroura*) pair for signs of disturbance. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; forms construction, water pipe installation, reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, concrete pour, movement of equipment/materials; reporting. (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) pair for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Mourning dove nest on the Western Parcel currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently feeding nestlings. No signs of disturbance.
- Mourning Dove nest in Church parking lot was, again, not seen today. Nest likely failed for unknown reasons.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: killdeer (*Charadrius vociferous*), California gull (*Larus californicus*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), black phoebe (*Sayornis nigricans*), Cassin's kingbird (*Tyrannus vociferans*), common raven (*Corvus corax*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*).

Photo 1

Location	SERC – Eastern Parcel	**Description**	View southeast from western portion of the Eastern Parcel at construction of forms for one of several utility racks.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View southeast from central portion of the Eastern Parcel at workers engaged in generator foundation concrete pour.

Photo 3

Location	SERC – Eastern Parcel	**Description**	Another view (northeast; see Photo 2) from central portion of the Eastern Parcel at workers engaged in generator foundation concrete pour.

Photo 4

Location	SERC – Eastern Parcel	**Description**	View northwest from central portion of the Eastern Parcel at workers engaged in stack unit foundation construction.

Photo 5

Location	SERC – Eastern Parcel	**Description**	View east from western portion of the Eastern Parcel at ongoing construction of pipelines and, in the background, generator foundation concrete pour.

Photo 6

Location	SERC – Eastern Parcel	**Description**	Another view (northeast; see Photos 2 and 3) from central portion of the Eastern Parcel at workers engaged in generator foundation concrete pour.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 26, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
63 – 73	0 – 7 WSW	0.0 in	Good	Cloudy to mostly sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Monitored nesting mourning dove (*Zenaida macroura*) pair for signs of disturbance. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; forms construction, water pipe installation, concrete pour, reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) pair for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Mourning dove nest on the Western Parcel currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently feeding nestlings. No signs of disturbance.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower currently in incubation stage. No signs of disturbance from construction activities. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: Red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), black phoebe (*Sayornis nigricans*), Cassin's kingbird (*Tyrannus vociferans*), common raven (*Corvus corax*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), scaly-breasted munia (*Lonchura punctulata*).

Photo 1

Location	SERC – Western Parcel	**Description**	View east-northeast from eastern portion of the Western Parcel at forms under construction.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View northeast from eastern end of the Eastern Parcel at ongoing trenching for the 33- and 66-kV lines adjacent to where they will cross Dale Avenue.

Photo 3

Location	SERC – Eastern Parcel	Description	View south-southeast from western portion of the Eastern Parcel at ongoing piecemeal trenchwork.

Photo 4

Location	SERC – Eastern Parcel	Description	View northeast from eastern end of the Eastern Parcel forklift moving trench box into position for 33- and 66-kV lines excavation.

Photo 5

Location	SERC – Eastern Parcel	**Description**	Another view (southeast) from eastern end of the Eastern Parcel at ongoing excavation for the 33- and 66-kV lines close to where they will cross Dale Avenue.

Photo 6

Location	SERC – Eastern Parcel	**Description**	Another view northeast from eastern end of the Eastern Parcel at trench for the 33- and 66-kV lines. Note worker in bottom of excavation. Forklift is maneuvering shoring into place.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 27, 2019	Ken Levenstein	0600 -1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
62 – 78	0 – 8 SW	0.0 in	Good	Cloudy early to sunny

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Monitored nesting mourning dove (*Zenaida macroura*) pair for signs of disturbance. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; forms construction, water pipe installation, concrete pour, reporting. (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; north pipeline welding and installation, ongoing activities related to construction of the ductwork, utility racks, generator, and stack foundations, piecemeal trenching, foundation contouring, movement of equipment/materials; reporting. (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) pair for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Mourning dove nest on the Western Parcel currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently feeding nestlings. No signs of disturbance.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower may have failed. No sign of activity. Numerous European starlings (*Sturnus vulgaris*) and an aggressive territorial pair of northern mockingbirds (*Mimus polyglottos*) often seen close by. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

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: Red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), black phoebe (*Sayornis nigricans*), Cassin's kingbird (*Tyrannus vociferans*), common raven (*Corvus corax*), barn swallow (*Hirundo rustica*), northern mockingbird, European starling, lesser goldfinch, house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), scaly-breasted munia (*Lonchura punctulata*).

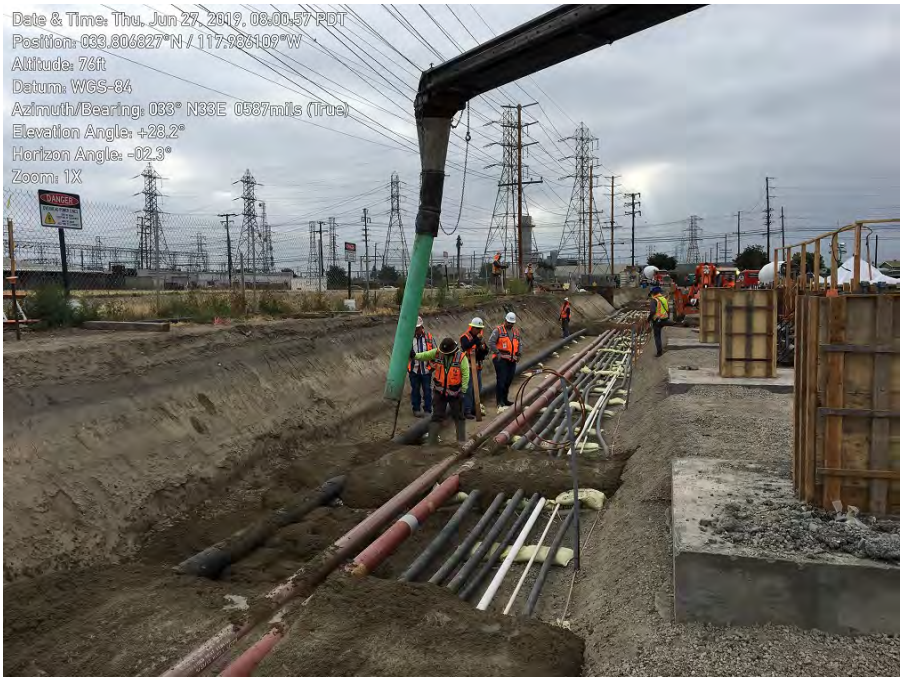
Photo 1

Location	SERC – Eastern Parcel	**Description**	View northwest from north-central portion of the Eastern Parcel at a red-tailed hawk after it caught and ate a small prey item on the adjacent SCE Parcel.

Photo 2

Location	SERC – Eastern Parcel	**Description**	View southwest from eastern end of the Eastern Parcel at ongoing trenching for the 33- and 66-kV lines close to where they will cross Dale Avenue.

Photo 3



Location	SERC – Eastern Parcel	Description	View east-northeast from western portion of the Eastern Parcel at slurry being poured into northern perimeter pipeline trench.

Photo 4

Location	SERC – Western Parcel	Description	View northwest from central portion of the Western Parcel at foundation contouring atop a section of the waterline trench. Water being sprayed is for dust suppression.

Photo 5

Location	SERC – Western Parcel	**Description**	Another view (west-northwest; see Photo 4) from central portion of the Western Parcel at foundation contouring atop a section of the waterline trench.

Photo 6

Location	SERC – Eastern Parcel	**Description**	Another view (northeast; see Photo 3) from western portion of the Eastern Parcel at a section of the northern perimeter pipeline trench following slurry pour.

Stanton Energy Reliability Center (SERC)

BIOLOGICAL RESOURCES
COMPLIANCE MONITORING LOG

Date	Monitor	Time (Begin-End)
June 28, 2019	Cara Snellen	0600-1500

Temperature (°F)	Wind (mph)	Precipitation amount	Visibility	Weather Comment
64-77	1-10	0.0 in	Good	Cloudy/overcast in a.m.

Location(s) of Work Site Activities Monitored

SERC – Bio-monitoring during Project construction.

Western Parcel – Bio-monitored. Monitored nesting mourning dove (*Zenaida macroura*) pair for signs of disturbance. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; foundation construction, waterpipe fill/compaction, dust suppression, material delivery/movement; reporting (see Photo Log).

Eastern Parcel – Bio-monitored. Checked for potential bird/wildlife/Project interactions and compliance with COCs and SWPPP; piecemeal excavation, ongoing activities related to construction of the ductwork, utility racks, and turbine foundations, trenching/shoring for south pipeline, dust suppression, movement of equipment/materials; reporting (see Photo Log).

Church Parking Lot – Bio-monitored. Surveyed church parking lot and surrounding area (as accessible) for new nesting activity and monitored the nesting lesser goldfinch (*Spinus psaltria*) pair for signs of disturbance.

Western SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for additional nesting activity.

Eastern SCE Parcel – Bio-monitored. Surveyed Parcel and surrounding area (as accessible) for nesting activity.

Summary of Biological Resources Monitoring Observations

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

Special-Status Species Observed:

- None

Nesting Bird Observations:

- Mourning dove nest in the Western Parcel currently in incubation stage. No signs of disturbance.
- Lesser Goldfinch nest in Church parking lot currently feeding young nestlings. No signs of disturbance.
- Eurasian collared dove (*Streptopelia decaocto*) nest on SCE West parcel tower may have failed. No sign of activity. Eurasian collared dove is an introduced species not protected under provisions of the Migratory Bird Treaty Act (MBTA).

Other Biological Resources Observations:

- None

Other Observations/Comments:

- None

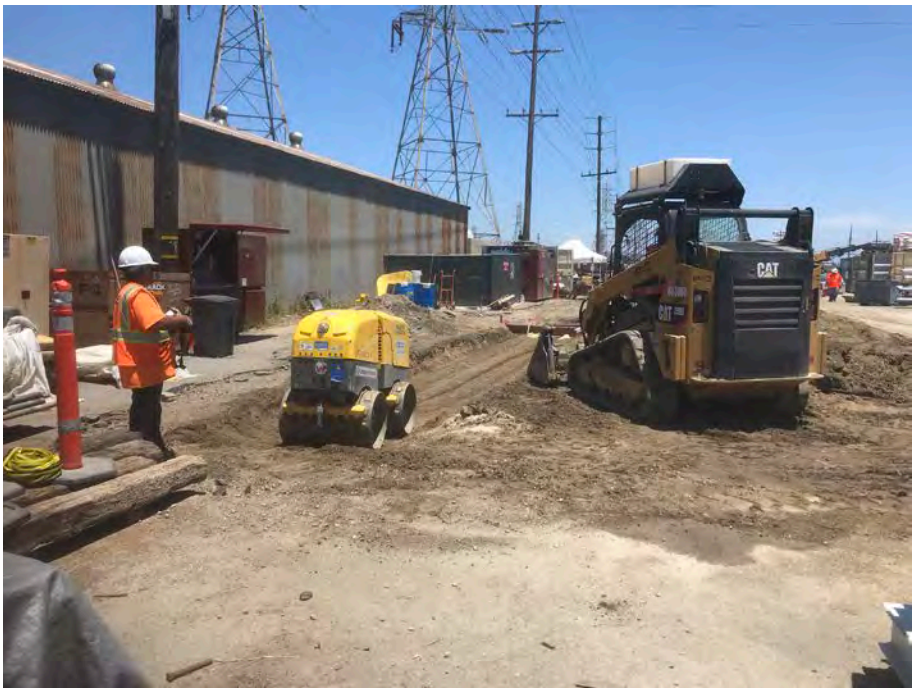
Items Requiring Action/Follow-up

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

Wildlife Species Observed:

Birds: killdeer (*Charadrius vociferous*), Eurasian collared dove, mourning dove, rock pigeon (*Columba livia*), Cassin's kingbird (*Tyrannus vociferans*), barn swallow (*Hirundo rustica*), northern mockingbird (*Mimus polyglottos*), European starling (*Sturnus vulgaris*), house finch (*Haemorhous mexicanus*), house sparrow (*Passer domesticus*), Allen's hummingbird (*Selasphorus sasin*), red-tailed hawk (*Buteo jamaicensis*), lesser goldfinch, black phoebe (*Sayornis nigricans*), Brewer's blackbird (*Euphagus cyanocephalus*), American crow (*Corvus brachyrhynchos*)

Photo 1



Location	SERC – Western Parcel	**Description**	Waterpipe trench fill and compaction in West parcel, facing east.

Photo 2

Location	SERC –Western Parcel	**Description**	Slurry pour at waterpipe trench in West parcel, facing northwest.

Photo 3

Location	SERC – Eastern Parcel	Description	Movement of materials in East parcel, facing northwest.

Photo 4

Location	SERC – Eastern Parcel	Description	Foundation construction in East parcel, facing west.

Photo 5

Location	SERC – Eastern Parcel	Description	Piecemeal excavation in East parcel, facing southeast.

Photo 6

Location	SERC – Eastern Parcel	Description	Trenching and shoring for south pipeline in East parcel, facing east.

Appendix C
Wildlife Species List

Observed Wildlife Species List June 1 – June 30, 2019 Stanton Energy Reliability Center		
Common Name	**Scientific Name**	**Status Federal/State/Other**
Birds		
Allen's hummingbird	*Selasphorus sasin*	--/--/--
American crow	*Corvus brachyrhynchos*	--/--/--
Barn swallow	*Hirundo rustica*	--/--/--
Black phoebe	*Sayornis nigricans*	--/--/--
Brewer's blackbird	*Euphagus cyanocephalus*	--/--/--
Bullock's oriole	*(Icterus bullockii)*	--/--/--
California gull	*Larus californicus*	--/--/--
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
Killdeer	*Charadrius vociferus*	--/--/--
Lesser goldfinch	*Spinus psaltria*	--/--/--
Mourning dove	*Zenaida macroura*	--/--/--
Northern mockingbird	*Mimus polyglottos*	--/--/--
Red-crowned parrot	*Amazona viridigenalis*	--/--/NP
Red-tailed hawk	*Buteo jamaicensis*	--/--/--
Rock pigeon	*Columba livia*	--/--/NP
Scaly-breasted munia	*Lonchura punctulate*	--/--/NP
Turkey vulture	*Cathartes aura*	--/--/--
Western gull	*Larus occidentalis*	--/--/--
White-throated swift	*Aeronautes saxatalis*	--/--/--
Mammals		
Domestic cat	*Felis catus*	--/--/--
Black rat	*Rattus rattus*	--/--/--

Status Codes:
If status codes are not provided, the species is not a special-status species.
Federal:
FE = Federally listed Endangered: species in danger of extinction throughout a significant portion of its range
FT = Federally listed Threatened: species likely to become endangered within the foreseeable future
BCC = Birds of Conservation Concern
State:
SE = State listed as Endangered
ST = State listed as Threatened
FP = Fully Protected

SSC = Species of Special Concern - Species of special concern to California Department of Fish and Wildlife (CDFW) due to declining population levels, limited ranges, and/or continuing threats have made them vulnerable to extinction.
S = Sensitive
WL = Watch List
SP = Special Animals List
Other:
Bureau of Land Management (BLM), United States Department of Interior – Sensitive (S)
California Department of Forestry and Fire Protection (CDF) classifies "sensitive species" as those species that warrant special protection during timber operations.
United States Forest Service (USFS) – Sensitive (S)
NP = Not Protected (Introduced Species)

Appendix D
Wildlife Observation Forms

Stanton Energy Reliability Center (SERC)
Wildlife Observation Form

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

Date	Observer	Observer's Employer
06/05/2019	Ken Levenstein	Jacobs

Location of Observation

South of the Western Parcel along the Union Pacific railroad tracks. Coordinates: 33.8065804 N, -117.9874261 W

Wildlife Species	Condition of Wildlife (alive/dead)
Domestic cat (*Felis catus*)	Dead

Cause of Injury or Mortality (Don't speculate, If unknown, enter "unknown")

Unknown.

Current Location of Animal

Stanton Energy Reliability Center (SERC).

Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?

Yes		No	NO	N/A	

If Yes, Explain

Additional Comments

The Onsite Biologist was notified that a very decomposed dead domestic cat (*Felis catus*) was observed south of the Western Parcel along the Union Pacific railroad tracks (33.8065804 N, -117.9874261 W). Cause of death unknown. No photo was taken. Westminster Animal Control was called to pick it up. This SERC Wildlife Observation Form has been submitted to the SERC Designated Biologist.

Stanton Energy Reliability Center (SERC)

Wildlife Observation Form

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

Date	Observer	Observer's Employer
06/06/2019	Ken Levenstein	Jacobs

Location of Observation

Next to the porta-potties southeast of the office trailers on the Western Parcel. Coordinates: 33.806648 N, -117.9881560 W.

Wildlife Species	Condition of Wildlife (alive/dead)
Black rat (*Rattus rattus*)	Dead

Cause of Injury or Mortality (Don't speculate, If unknown, enter "unknown")

Unknown.

Current Location of Animal

Stanton Energy Reliability Center (SERC).

Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?

Yes		No	NO	N/A	

If Yes, Explain

Additional Comments

A dead black rat (*Rattus rattus*) was reported next to the porta-potties southeast of the office trailers on the Western Parcel. The carcass was disposed of. This SERC Wildlife Observation Form has been submitted to the SERC Designated Biologist.

Stanton Energy Reliability Center (SERC)

Wildlife Observation Form

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

Date	Observer	Observer's Employer
06/11/2019	Ken Levenstein	Jacobs

Location of Observation

An active mourning dove nest was discovered in the central portion of the Western Parcel, approximately 10 feet from the southern perimeter fence. Coordinates: 33.8066536, -117.9878214.

Wildlife Species	Condition of Wildlife (alive/dead)
Mourning dove (*Zenaida macroura*)	Live

Cause of Injury or Mortality (Don't speculate, If unknown, enter "unknown")

Current Location of Animal

Stanton Energy Reliability Center (SERC).

Is the Biological Resource in Danger of Being Impacted by Project or Other Site Activities?

Yes		No	NO	N/A	

If Yes, Explain

A mourning dove nest was discovered near the top of a 6 ft ladder that is stored vertically, leaning against a CONEX container on the Western Parcel. The nest contained one egg being incubated by an adult. The Designated Biologist was notified and a 25-ft buffer installed to protect the nest from disturbance.

Additional Comments

Photo 1

Location	SERC – Western Parcel	**Description**	Mourning dove nest located on a ladder stored vertically leaning against a conex container.

Photo 2

Location	SERC – Western Parcel	**Description**	Close on same photo as above.

Photo 1			
			
Location	SERC – Western Parcel	**Description**	Location of mourning dove nest (circled in red).
Photo 2			
			
Location	SERC – Western Parcel	**Description**	Wider view of mourning dove nest location (indicated by red arrow).

Appendix E
WEAP Training Logs

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.	Sam Simonsen	AECOM		6-10-19
2.	Eugene Crespo	AECOM		6-10-19
3.	Daniel DelCastillo	AECOM		6-10-19
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Trainer: T. DRAPER Signature: _____ Date: 6/10/19

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.	Ruben Laurente	CMC		6/17/19
2.	Ruben Arvizu	ARB		6/17/19
3.	Steven Lund	ARB		6/17/19
4.	NOAH LUND	ARB		6/17/19
5.	CESAR CORREA	CWS		6.18.19
6.	Gabriel Cruz	ARB		6-20-19
7.	Rogelio Cerda	ARB		6-20-19
8.	Mitchell Morris	RMA		6.20.19
9.	Anthony Vazquez	Robertsons		6.20.19
10.	Glen Landelario	CMC		6.21.19
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Trainer: T. DRAPER Signature: _____ Date: 6/12/19

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.	Joseph Bates	ARB		6/24/19
2.	Luisa Lerer	ARB		6-25-19
3.	Alfredo Garcia	ARB		6-25-19
4.	Ramon Reynoso	ARB	Ramon Reynoso	6-25-19
5.	PATRICK GUMMING	NV5		25 JUN 2019
6.	BERT GUTIERREZ	ARB		6-27-19
7.	Mike Timmons	Merli/JCS		6-27-19
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Trainer: T. DRAPER Signature: _____ Date: 6/24/19