

	<p>California Public Utilities Commission <i>Mitigation Monitoring, Compliance, and Reporting Program</i></p>
	<p>South Bay Substation Relocation Project</p> <p>Compliance Status Report: 019</p> <p>January 31, 2016</p>

SUMMARY

The California Public Utilities Commission (CPUC) is responsible for overseeing implementation of the mitigation measures set forth in the Final Environmental Impact Report (FEIR) for the South Bay Substation Relocation Project. The CPUC has established a third-party monitoring program and adopted a Mitigation Monitoring, Compliance, and Reporting Program (MMCRP) to ensure that measures approved in the FEIR to mitigate or avoid impacts are implemented in the field. This MMCRP status report is intended to provide a description of construction activities on the project, a summary of site inspections conducted by the CPUC’s third-party monitors, the compliance status of mitigation measures required by the MMCRP, and anticipated construction activities. This compliance status report covers construction activities from January 1 through January 31, 2016.

MITIGATION MONITORING, COMPLIANCE, AND REPORTING

Site Inspections/Mitigation Monitoring

A CPUC third-party environmental compliance monitor conducted site observations in areas of active construction. Observations were documented using site inspection forms, and applicable applicant proposed measures (APMs) and mitigation measures (MMs) were reviewed in the field.

Implementation Actions

During the month of January, construction activities at the Bay Boulevard Substation included the following:

- Setting of forms for concrete aprons between the perimeter wall and bioretention basin (See Photo 1—Attachment A)
- Forming, setting steel, and pouring concrete for drainage pipes
- Extending the rip-rap in the southwestern drainage point

- Setting transformers
- Trenching and installing duct banks
- Installing substation ground grid
- Installing 69 kilovolt (kV) steel structures, wire terminations and conduit (See Photo 2—Attachment A)
- Began erecting the 230 kV transformer firewalls and installing conduit in the 230 kV yard

Activities along the transmission line components included the following:

69kV lines

- Framing, excavating and setting poles (See Photo 3—Attachment A)
- Transferring the 12 kV conductor underbuild onto the new 69 kV wood poles
- Pushing conduit through underground HOBAS pipe
- Conducting trenching operations, dewatering, and installing underground duct banks for a 69kV line.
- Installing and backfilling a riser pole for a 69kV line
- Conducting vault repair and proofing for a 69kV line

138kV line

- Trenching, placing and installing conduit, and backfilling for the 138kV duct bank package
- Paving the duct bank trench, installing underground duct banks
- Preparing for concrete pouring and dewatering at the jack-and-bore entry and receiving pits

230kV line

- Conducting reshoring and trenching operations

During construction, compliance with air quality APMs and MMs were observed being implemented. Crews were observed maintaining speed limits of 15 mph or less in accordance with APM-AIR-02 and dust control was observed in accordance with APM-AIR-01 and MM-BIO-05. Signs indicating speed limits within the Bay Boulevard Substation (5 mph) were observed installed at the project point of entrance.

Biological, paleontological, and archaeological monitors were observed onsite during excavation activities in accordance with APM-BIO-01, APM-BIO-02, MM-CUL-01, and APM-CUL-05. During activities adjacent to the Telegraph Creek crossing, the CPUC third-party monitor observed equipment

operators staying within delineated work areas and avoiding marked environmentally sensitive areas (ESAs).

SWPPP BMPs installed at the Bay Boulevard Substation site and along the transmission alignment, including silt fencing and straw wattles installed along the temporary perimeter fence and around stockpiles, were in good working condition (See Photo 4—Attachment A). Spill prevention, trash containment measures, and concrete washout areas were observed in place during conduit installation and backfilling activities associated with the 138kV underground transmission line. Portable sanitation facilities (i.e. toilets and wash stations) were observed on catchment units in accordance with SWPPP (See Photo 5—Attachment A).

Potentially hazardous materials were observed stored on pallets in designated areas, covered, and signed and generators were observed stored within containment units in accordance with APM-HAZ-01. Absorbent materials and/or visqueen were observed under staged heavy equipment in order to prevent potential equipment leaks from penetrating soil in accordance with the SWPPP and APM-HAZ-01.

Traffic control measures were observed being utilized in accordance with the Traffic Management Plan (MM TRA-01). Traffic control flaggers were observed directing traffic during construction activities associated with the transmission line along Bay Boulevard (See Photo 6—Attachment A). Signage was observed placed along Bay Boulevard in accordance with the Traffic Management Plan/Traffic Control Permit to notify bicyclists of the bike path closures and to notify drivers to share the road. Heavy-duty construction vehicles were observed using Palomar Avenue in accordance with APM-TRA-01 and flag persons were observed during the hauling of oversized loads to the site.

Mitigation Measure Tracking

Mitigation measures applicable to the construction activities were verified in the field and documented in the CPUC's mitigation measure tracking database. A complete list of mitigation measures and applicant proposed measures is included in the Decision for the South Bay Substation Relocation Project, as adopted by the CPUC on October 17, 2013 (Decision D.13-10-024).

Compliance Status

CPUC third-party monitors observed overall compliance with mitigation measures throughout the reporting period. All observations that had potential to become an area of concern if left uncorrected were addressed to the LEI on site by the CPUC third-party monitor.

CONSTRUCTION PROGRESS

Bay Boulevard Substation

Estimated completion date is November 2016. Approximately 75% complete.

South Bay Substation Demolition

Not Started. Estimated completion date is July 2017.

230 Kilovolt (kV) Loop In

Estimated completion date is November 2016. Approximately 75% of the underground component is complete.

69 kV Loop In/Relocation

Estimated completion date is March 2017. Approximately 39% of the overhead component is complete and approximately 90% of the underground component is complete

138kV Extension

Estimated completion date is March 2017. Approximately 89% of the underground component is complete.

CONSTRUCTION SCHEDULE

South Bay Substation Relocation Project (CPUC NTP No. 001) – SDG&E began potholing activities at the project site on January 5, 2015. All project activities are scheduled to be complete by July 2017.

ATTACHMENT A- Photos



Photo 1: Crews were observed placing concrete forms in the Bay Boulevard Substation screening wall outlets.

ATTACHMENT A (Continued)



Photo 2: Crews were observed erecting steel at the Bay Boulevard Substation and continuing to install conduit.

ATTACHMENT A (Continued)



Photo 3: Crews were observed removing 69kV poles along the transmission line alignment.

ATTACHMENT A (Continued)



Photo 4: Stockpiles along the transmission line alignment were secured with silt fencing in accordance with the SWPPP.

ATTACHMENT A (Continued)



Photo 5: Portable sanitation facilities (i.e. toilets and wash stations) were observed on catchment units in accordance with SWPPP.

ATTACHMENT A (Continued)



Photo 6: Crews were observed preparing a new 69kV pole for installation along Bay Boulevard. Traffic control flaggers were used to divert traffic around staged equipment in accordance with MM TRA-1.

ATTACHMENT B Notices to Proceed

NTP No.	Date Issued	Description	Conditions Included (Y/N)
CPUC - 001	November 14, 2014	Potholing and Grading at the Bay Boulevard Substation	Y
CPUC-002	March 17, 2015	Full Construction of the Bay Boulevard Substation	Y
CPUC-003	September 3, 2015	Construction of the Transmission Line Components	Y

ATTACHMENT C
Minor Project Refinement Request

Minor Project Refinement Request No.	Submitted	Description	Status	Approval
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