

	<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: 020</p> <p>February 29, 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 February 1 through February 29, 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 February, construction activities at the Bay Boulevard Substation included the following:

- Trenching and installing duct banks within the substation site
- Installing substation ground grid
- Installing 69 kilovolt (kV) steel structures, conduit, and cable on cap banks
- Forming, setting steel, and pouring concrete for drainage pipe headwalls

- Grading, framing, and pouring concrete for ribbon drains in drainage ditches
- Backfilling foundations
- Wiring within the control shelter
- Installing conduit, conductor, and wire terminations in the 69kV and 230 kV yard
- Installing shield wire in 230 kV yard
- Pre-tensioning bolts and installing high voltage bus in the 69 kV switch rack
- Installing capacitor voltage transformers and performing power factor testing on transformers
- Installing storm drain on Bay Boulevard

Activities along the transmission line components included the following:

69kV lines

- Conducting vault racking for underground cable
- Installing fiber optic cable
- Framing and setting poles and excavating anchor holes/installing anchors
- Removing stub poles
- Transferring the 12 kV conductor underbuild onto the new 69 kV wood poles
- Pulling cable to steel poles
- Completed installing intercept to existing 12 kV distribution

138kV line

- Installation of a steel pole
- Trenching, placing and installing conduit, and backfilling for the 138kV duct bank
- Re-installed fencing along the Bay Boulevard bike path and re-paved along the path.

230kV line

- No work occurred on the 230kV line this reporting period.

During this reporting period, the CPUC third party monitor observed construction crews trenching (See Photo 1—Attachment A) and installing underground encasement and conduit, installing the ground grid, installing overhead conduit, erecting steel structures, and staging materials at the Bay Boulevard Substation. Crews were observed installing underground conduit beneath Bay Boulevard and reconstructing parking lot curbs east of Bay Boulevard that were previously disturbed by the installation of the 138 kV underground transmission line. Along the transmission right-of-way, crews were observed

setting a transmission riser pole (See Photo 2—Attachment A) outside the substation perimeter wall. Also, crews were observed installing underground conduit at the jack and bore location and transferring wires along the 69 kV relocation area along Bay Boulevard.

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 entrance.

Biological, paleontological, and archaeological monitors were observed onsite during initial excavation activities in accordance with APM-BIO-01, APM-BIO-02, MM-CUL-01, and APM-CUL-05 (where activities had the potential to impact the Bay Point Formation). 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). Open excavation areas were observed covered when not in use to minimize the potential for wildlife entrapment.

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. Gravel bags were observed installed at inlets along Bay Boulevard (See Photo 3—Attachment A). Spill prevention and trash containment measures were observed in place, and concrete washout areas were observed being utilized during activities associated with the linears within the transmission right-of-way (see Photo 4—Attachment A). Portable sanitation facilities (i.e. toilets and wash stations) were observed on catchment units in accordance with SWPPP.

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 3—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.

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.

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 82% 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 90% of the underground component is complete.

69 kV Loop In/Relocation

Estimated completion date is March 2017. Approximately 50% of the overhead component is complete and approximately 92% of the underground component is complete

138kV Extension

Estimated completion date is March 2017. Approximately 90% 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 excavating areas within Bay Boulevard Substation to support underground duct banks.

ATTACHMENT A (Continued)



Photo 2: Crews were observed installing a riser pole outside the Bay Boulevard Substation. The riser pole is being installed to tie-in existing circuits into the Bay Boulevard Substation.

ATTACHMENT A (Continued)



Photo 3: Crews were observed switching out 69kV poles along Bay Boulevard. Traffic control flaggers and signs were used to direct traffic around work areas in accordance with the Traffic Control Plan (MM TRA-01). Gravel bags were installed for inlet protection (right) in accordance with the SWPPP (MM HYDRO-1).

ATTACHMENT A (Continued)



Photo 4: Crews were observed using designated concrete washout stations while working along active areas within the transmission right-of-way corridor per the SWPPP (MM HYDRO-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
-	-	-	-	-