	California Public Utilities Commission ***Mitigation Monitoring, Compliance, and Reporting Program***
	South Bay Substation Relocation Project **Compliance Status Report: 021** **March 31, 2016**

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 March 1 through March 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 March, construction activities at the Bay Boulevard Substation included the following:

- Trenching and installing duct banks
- Installing ground grid
- Installing wiring within the control shelter

- Installing conductors, wiring/wire termination, grounding, conduit in the 69 kilovolt (kV) and 230kV yards (see Photo 1—Attachment A)
- Pulling 69kV and 230kV underground cable and pulling the 230kV conductor into the 230kV yard from the overhead transmission line
- Installing switch stands
- Backfilling around ribbon drains in the drain ditches
- Placing Class II in the 69kV and 230kV yards
- Installing permanent chain link fence around the substation perimeter
- Grading the access road and began installing the driveway over the box culvert location
- Repaving the bike path at the driveway location
- Constructing curbs and gutters inside the substation
- Placing riprap in the bioswale at the spillways

Activities along the transmission line components included the following:

69kV lines

- Splicing/testing/terminating fiber optic cable
- Pulling cable from the substation to underground vault and pulling cable through duct banks
- Installation of a wooden pole

138kV line

- Pulling cable from vault to vault and pulling mandrel

230kV line

- Removing cable from existing duct banks and poles
- Excavating, installing conduit, pouring slurry, and backfilling the intercept of existing duct banks
- Pulling fiberoptic cable
- Removing overhead wire
- Pulling cable to substation racks and conducting cable splicing

Telegraph Canyon Substation

- Excavation, framing and pouring concrete for new pad locations

During this reporting period, the CPUC third party monitor observed construction crews installing overhead cable, trenching for the installation of underground conduit, installing ground wire along the perimeter wall, and performing work at circuit breakers at the Bay Boulevard Substation. An SDG&E crew was observed stringing conduit into the substation for the 230 kV transmission line interconnection. A construction crew was also observed performing earthwork associated with the construction of the substation entrance and compacting the road around the perimeter of the substation screening wall.

During construction, compliance with air quality APMs and MMs were observed being implemented. Dust control, specifically water trucks spraying soils with recycled water, was observed in accordance with APM-AIR-01 and MM-BIO-05. Rattle plates to reduce sediment track-out onto main streets (Bay Boulevard) were observed in working condition.

Biological monitors were observed onsite in accordance with APM-BIO-01 and APM-BIO-02. During activities adjacent to the transmission line right-of-way, the CPUC third-party monitor observed equipment operators staying within delineated work areas (See Photo 2—Attachment A). Netting designed to deter potential nesting activity was observed on staged equipment.

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 (See Photo 3—Attachment A), were in good working condition. Fiber rolls were observed adjacent to the box culvert at one of the two new entrances to the Bay Boulevard Substation and gravel bags were observed securing visqueen along the box culvert (see Photo 4—Attachment A).

Gravel bag berms were observed within the southern drainage channel. Spill prevention measures, including equipment being placed on catchment devices, and staged vehicular equipment being placed on absorbent material was observed. 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). 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 along one of the newly constructed entrances to Bay Boulevard Substation (see Photo 4—Attachment A).

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 88% 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 98% of the overhead component is complete and approximately 95% of the underground component is complete.

69 kV Loop In/Relocation

Estimated completion date is March 2017. Approximately 55% of the overhead component is complete and approximately 94% of the underground component is complete

138kV Extension

Estimated completion date is March 2017. Approximately 90% of the underground component is complete.

Telegraph Canyon Substation

Estimated completion date is July 2016. Approximately 40% of the modifications are 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 hanging cable within the 69 kilovolt (kV) racks within the Bay Boulevard Substation.

Photo 2: Crews were observed adhering to delineated work limits (as shown above) along the transmission line right-of-way.

Photo 3: Crews were observed maintaining silt fencing around soil stockpiles along the transmission line right-of-way in accordance with the SWPPP (MM HYDRO-1).

Photo 4: Traffic control signs notifying closure of the adjacent bike path were placed around work areas in accordance with the Traffic Management Plan (MM TRA-01).

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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