

	<p>California Public Utilities Commission <i>Mitigation Monitoring, Compliance, and Reporting Program</i></p>
	<p>East County (ECO) Substation Project</p> <p>Compliance Status Report: 042</p> <p>November 9, 2014</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/Environmental Impact Statement (FEIR/EIS) for the East County (ECO) Substation 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/EIS to mitigate or avoid significant 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 October 27 through November 9, 2014.

MITIGATION MONITORING, COMPLIANCE, AND REPORTING

Site Inspections/Mitigation Monitoring

A CPUC third-party environmental compliance monitor conducted site observations along the right-of-way associated with the 138 kV Underground Transmission Line, 138 kV Overhead Transmission Line, East County Substation and Boulevard Substation Rebuild. Areas of active and inactive construction within the project limits were observed to verify implementation of the mitigation measures stipulated in the project’s MMCRP. Daily observations were documented on daily site inspection forms and applicable mitigation measures were reviewed in the field.

Implementation Actions

138 kV Underground Transmission Line

Construction activities during this reporting period consisted of splicing within vaults, restoration activities, shoulder repair and paving, low-water crossings, and cable testing.

Biological monitors were onsite to ensure construction activities remained within the approved work limits and to monitor for sensitive wildlife species (MM-BIO-2A and MM-BIO-1C). Dust control measures per MM-AQ-1 and MM-BIO-4A, including watering areas of active construction and maintaining rattle plates and rock aprons at points of ingress/egress were observed to be effective.

In accordance with MM-TRA-2, construction crews were observed repairing Old Highway 80 in areas that had been damaged during construction (see Attachment A – Photo 1). Traffic control measures including flaggers and signage were in place during roadway repairs as required in MM-TRA-1.

Per the Construction Fire Prevention/Protection Plan, SDG&E was observed inspecting equipment along the right-of-way to ensure fire suppression equipment was present. Routine patrols were completed by the fire inspection team throughout the construction activities and fire tools were observed at all construction sites as required by MM-FF-1 (see Attachment A – Photo 2).

138 kV Overhead Transmission Line

Construction activities included installing permanent drainage features at steel pole pad sites, pulling, sagging and clipping conductor, installation of fiber optic cable, and installing conductor.

In accordance with MM-BIO-2A, biological monitors were onsite to survey areas of active construction for compliance with biological mitigation measures and crews were observed remaining within the approved work limits (see Photo 3 – Attachment A). Pull sites that were used temporarily have been re-contoured in accordance with MM-BIO-1D (see Photo 4 – Attachment A).

East County Substation

Construction activities during this reporting period consisted of construction of the permanent water tank, restoration and landscaping activities and punch list items. In accordance with MM-VIS-3h, crews were observed re-distributing topsoil and planting container plants as specified in the Screening/Landscaping Plan.

Boulevard Substation Rebuild

Construction activities during this reporting period consisted of installation of relay panels and equipment within the control shelter, installation of underground cable, and electrical testing within the substation.

All construction activities were observed being completed within the approved work limits in accordance with MM-BIO-2A. Water trucks were observed applying water to areas of active construction on a regular basis to minimize fugitive dust emissions along unpaved access roads. A rock apron and rattle plate are being maintained at the point of ingress/egress in accordance with the Dust Control Plan and MM-Bio-4a.

Fire patrols were observed on-site during construction activities to ensure construction equipment and vehicles had the required fire safety equipment and provided ongoing fire patrols in accordance with MM-FF-1. A transformer fire wall can be seen constructed at the Boulevard Substation Rebuild along the southern limits of the substation in accordance with MM-FF-4 and the Fire Protection Plan.

Topsoil is being staged at the Boulevard Substation Rebuild site for use during restoration efforts in accordance with MM-BIO-1D.

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 FEIR/FEIS for the ECO Substation Project, as adopted by the CPUC on April 19, 2012 (Decision 12-04-022).

Compliance

No non-compliances or deviations occurred during this reporting period.

CONSTRUCTION PROGRESS

Boulevard Substation Rebuild Site

Construction at the Boulevard Substation Rebuild is 96% complete.

ECO Substation Site Construction

Construction at ECO Substation is 97% complete.

138 kV Underground Construction

Construction crews have completed installation of all 39 vaults, 100% of cable has been installed, and 100% of trenches have been excavated and backfilled.

138 kV Overhead Construction

53 of 53 steel pole pads/spur roads and foundations have been completed and 53 of 53 poles have been erected. 87% percent of the wire has been installed.

CONSTRUCTION SCHEDULE

ECO Substation 500 kV and 230/138 kV Yards – SDG&E began construction activities in March 2013 and is anticipated to complete construction in November 2014.

138 kV Underground Transmission Line – SDG&E began construction activities in October 2013 and is anticipated to complete construction in December 2014.

138 kV Overhead Transmission Line – SDG&E began construction activities in November 2013 and is anticipated to complete construction in November 2014.

Boulevard Substation Rebuild – SDG&E began construction in December 2012 and is anticipated to complete construction in November 2014.

ATTACHMENT A Photos



Photo 1: Construction crews were observed paving Old Highway 80 along the 138 kV underground alignment to repair roads damaged in accordance with MM-TRA-2.



Photo 2: Fire equipment is maintained onsite during construction activities in accordance with MM-FF-1 and the Construction Fire Prevention Plan.

ATTACHMENT A (Continued)



Photo 3: Crews complete terminator installation at SP-91 within the approved work limits in accordance with MM-BIO-2A.



Photo 4: A pull site near SP-38 is decompacted and recontoured in accordance with MM-BIO-1D.

ATTACHMENT A (Continued)



Photo 5: A transformer fire wall has been constructed at the Boulevard Substation Rebuild along the southern limits of the substation in accordance with MM-FF-4 and the Fire Protection Plan.



Photo 6: Topsoil is staged at the Boulevard Substation Rebuild site for use during restoration efforts in accordance with MM-BIO-1D.

ATTACHMENT B Notices to Proceed

NTP No.	Date Issued	Description	Conditions Included (Y/N)
BLM-001	February 11, 2013	A single geotechnical boring to finalize the design of the underground transmission alignments on lands administered by the BLM	Y
CPU -001	November 30, 2012	Abatement activities at the Boulevard Substation Rebuild Site	Y
CPUC-002	February 1, 2013	Construction of a new substation (a 500 kV yard and a 230/138 kV yard)	Y
CPUC-003	February 1, 2013	Geotechnical Activities	Y
CPUC-004	March 4, 2013	Geotechnical Activities	Y
CPUC-005	May 21, 2013	Construction Yards	Y
CPUC-006	July 2, 2013	138 kV Underground Transmission Line along Southern Access Road	Y
CPUC-007	July 30, 2013	138 kV Underground Transmission Line within Old Highway 80 and Carrizo Gorge Road	Y
CPUC-008	August 2, 2013	Construction activities associated with the Boulevard Substation Rebuild	Y
CPUC-009	September 25, 2013	138 kV Underground Transmission Line from Boulevard Substation to 138 kV Overhead Transmission Line	Y
CPUC-010	October 17, 2013	138 kV Underground Transmission Line from Carrizo Gorge Road to Steel Pole 91	Y
CPUC-011	November 5, 2013	138 kV Overhead Transmission Line	Y
CPUC-012	November 19, 2013	Fault Investigations at the Southwest Powerlink (SWPL) Loop-In	Y
CPUC-013	December 4, 2013	138 kV Overhead Transmission Line Steel Pole- 105B and Steel Pole-108A	Y
CPUC-014	March 18, 2014	Construction of Southwest Powerlink (SWPL) loop-in to connect the existing 500 kV SWPL transmission line to the ECO Substation site	Y
CPUC-015	November 3, 2014	Realignment of the 69 Kilovolt (kV) Distribution Line to the Boulevard Substation Rebuild Site	Y

ATTACHMENT C

Minor Project Refinement Requests

Minor Project Refinement Request No.	Submitted	Description	Status	Approval
001	January 25, 2013	Temporary Retention Basin	Approved	February 7, 2013
002	March 22, 2013	Adjustments to the Domingo Lake and Jewel Valley Construction Yards	Approved	May 20, 2013
003	March 22, 2013	Adjustments to the Carrizo Gorge Construction Yard	Approved	May 20, 2013
004	May 17, 2013	Adjustments to the Southern Access Road and 138 kV Overhead and Underground Transmission Line	Approved	June 26, 2013
005	June 27, 2013	Adjustments to the Boulevard Substation Rebuild	Approved	July 26, 2013
006	July 30, 2013	Adjustments to the 138 kV Overhead Transmission Line	Approved	September 23, 2013
007	August 16, 2013	Relocation of Temporary Retention Basin	Approved	August 22, 2013
008	August 20, 2013	Construction Water Use	Approved	October 1, 2013
009	November 22, 2013	Additional Temporary Work Space for Fence Replacement	Approved	November 26, 2013
010	December 19, 2013	Access Road and Work Space Refinements at Steel Pole 63 & 64	Approved	January 14, 2014
011	January 16, 2014	Temporary Meeting Location for Material & Equipment	Approved	January 22, 2014
012	February 27, 2014	Work Space Refinements to the Southwest Powerlink	Approved	March 11, 2014
013	April 4, 2014	Additional Temporary Work Space at 138kV Overhead Transmission Line	Approved	April 17, 2014