

	<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: 017</p> <p>November 24, 2013</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 November 11 to November 24, 2013.

MITIGATION MONITORING, COMPLIANCE, AND REPORTING

Site Inspections/Mitigation Monitoring

A CPUC third-party environmental compliance monitor conducted site observations at the Boulevard Substation Rebuild Site, 138 kV Underground Transmission Line, 138 kV Overhead Transmission Line and ECO Substation. 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

Boulevard Substation Rebuild Site

Construction activities at the Boulevard Substation Rebuild Site consisted of finish grading and compaction of the substation pad. In addition, construction crews were observed installing a concrete retaining wall at the western end of the site (see photo 1 – Attachment A).

Hazardous materials were observed being stored on-site in accordance with Mitigation Measure HAZ-1A and the Hazardous Materials and Waste Management Plan. Hazardous materials were properly labeled and stored with appropriate secondary containment.

In accordance with Mitigation Measure BIO-4A, track out measures consisting of a rock apron and rattle plate are being maintained in good working order at the access road entrance along Old Highway 80. In addition, all construction trash and debris was observed to be properly disposed of in accordance with Mitigation Measure BIO-7d.

Fire patrols were 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 Mitigation Measure FF-1 (see photo 2 – Attachment A).

138 kV Underground Transmission Line

Construction activities during this reporting period consisted of installing erosion control devices along the right-of-way between Jewel Valley Road and the Boulevard Substation Rebuild Site, grading along the right-of-way, vault excavation and installation, and vegetation removal activities.

Erosion control features consisting of silt fencing, straw wattles, and gravel bags have been placed along the 138 kV underground component along Old Highway 80 to minimize the potential for pollutants and sediment to enter into storm drains (see photo 3 – Attachment A). The erosion control features have been installed and observed to be maintained in accordance with the Storm Water Pollution Prevention Plan (SWPPP) and Mitigation Measure HYD-1.

Construction activities along Old Highway 80 required traffic to be reduced to one lane. In accordance with Mitigation Measure TRA-1, traffic control measures consisting of flaggers, signage, and an escort vehicle were observed escorting motorists travelling along Old Highway 80 (see photo 4 – Attachment A).

138 kV Overhead Transmission Line

During this reporting period construction crews continued to stake the work limits and install environmentally sensitive area (ESA) markings and fencing in accordance with Mitigation Measures CUL-1a and CUL-1d (see photo 5 – Attachment A). In addition, construction crews began to remove vegetation and conduct drilling activities at transmission pole locations.

In accordance with Mitigation Measure BIO-1a, an environmental monitor was on-site to ensure all work was completed within the approved work limits. Staking and yellow rope to delineate the approved work limits was observed to be properly maintained during this reporting period (see photo 6 – Attachment A).

A minor deviation occurred on Friday, November 22, 2013, when a construction crew was observed clearing vegetation at SP-64 in absence of a biological monitor being present. In accordance with Mitigation Measure BIO-1c, authorized CPUC-approved biological monitor must be present at the construction site during all

ground disturbing and vegetation removal activities. A CPUC third-party environmental compliance monitor notified the construction contractor and vegetation-clearing activities were temporarily halted until a CPUC-approved biological monitor could mobilize to the site.

ECO Substation

Construction activities at the ECO Substation site consisted of compaction and finish grading at the 500 kV substation pad site, pouring concrete for the control shelter foundation, and placing topsoil along the slope of the substation pad.

Construction crews at 230/138 kV substation pad site were observed drilling foundations, constructing fire walls on each side of a transformer pad (see photo 7 – Attachment A), and began building the form for the concrete steps between the 500 kV and 230/138 kV substation pad sites.

Concrete washout stations were observed to be used during foundation pours at the 138/230 kV substation pad site in accordance with the SWPPP and Mitigation Measure HYD-1 (see photo 8 – Attachment A). In addition, secondary containment was observed to be properly installed under staged equipment, hazardous materials, and portable sanitary facilities.

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

Applicable mitigation measures were verified during site inspections and were determined to be implemented in accordance with the MMCRP.

CONSTRUCTION PROGRESS

Boulevard Substation Rebuild Site

All abatement activities at the Boulevard Substation Rebuild Site have been completed. Construction crews have completed demolishing existing structures and continue finish grading and compaction of the substation pad site. Construction activities are approximately 21 percent complete.

ECO Substation Site Construction

Construction crews have completed fine grading at the 138/230 kV substation pad site and continued fine grading at the 500 kV substation pad. Construction activities associated with foundation excavations, rebar placement and pouring concrete continued at the 138/230 kV substation pad during this reporting period. Construction activities are approximately 53 percent complete.

138 kV Underground Construction

SDG&E has completed the 138 kV Underground Transmission Line between the ECO substation and Old Highway 80. Construction crews continued installing erosion control devices along the right-of-way between Jewel Valley Road and the Boulevard Substation Rebuild Site, grading along the right-of-way, vault excavation and installation, and vegetation removal activities during this reporting period.

138 kV Overhead Construction

SDG&E continued to stake the work limits, place ESA fencing along the right-of-way, and remove vegetation.

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 September 2014.

SWPL Loop-In – SDG&E has not initiated any construction activities at this time associated with the SWPL Loop-In. SDG&E is anticipated to complete construction in October 2014.

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

138 kV Overhead Transmission Line – SDG&E began construction activities in November 2013 and is anticipated to complete construction in October 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 activities associated with building a retaining wall along the western limits of the Boulevard Substation were initiated during this reporting period.



Photo 2: In accordance with the Construction Fire Prevention Plan (Mitigation Measure FF-1), a fire watch is present at the Boulevard Substation during construction.

ATTACHMENT A (Continued)



Photo 3: BMP's were observed in place prior to construction activities associated with the 138 kV underground being initiated along Old Highway 80. Gravel bags and straw wattles can be seen in this photo to minimize the potential for pollutants and sediment to enter into a storm drain located along Old Highway 80.



Photo 4: Construction activities required traffic to be reduced to one lane resulting in the need for an escort car to be utilized for both eastbound and westbound traffic along Old Highway 80. Traffic control measures were observed being implemented as required in the Traffic Control Plan and MM-TRA-1.

ATTACHMENT A (Continued)



Photo 5: Construction crews were observed placing BMP's at overhead transmission line pad sites in accordance with MM-HYD-1 and the SWPPP. Signage was also observed being placed adjacent to Environmentally Sensitive Areas along the right-of-way as required in MM-CUL-1a.



Photo 6: In accordance with MM-BIO-1a work activities associated with establishing access roads and pad sites for the 138 kV overhead construction component were observed being completed within the approved work limits. Staking and yellow rope is utilized to delineate the approved work limits.

ATTACHMENT A (Continued)



Photo 7: An overview of the ECO substation construction looking west towards the 138/230 kV pad. A crew can be seen in the forefront of the photo utilizing a crane to construct fire walls that will be located on either side of a transformer.



Photo 8: A concrete washout is utilized by cement truck operators to wash equipment prior to leaving the right-of-way in accordance with the SWPPP and MM-HYD-1.

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

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