

	<p><b>California Public Utilities Commission</b> <b><i>Mitigation Monitoring, Compliance, and Reporting Program</i></b></p>
	<p><b>East County (ECO) Substation Project</b></p> <p><b>Compliance Status Report: 041</b></p> <p><b>October 26, 2014</b></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 13 through October 26, 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, and trenching for conduit near the Carrizo Creek Bridge.

Biological monitors were onsite to ensure construction activities remained within the approved work limits and to monitor for sensitive wildlife species (MM-BIO-1a and MM-BIO-1c). Dust control measures in line with 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. All project vehicles were observed to be maintaining speed limits of 15 MPH or less, and trac-out was observed being removed daily from Old Highway 80.

Erosion control measures consisting of straw wattles, silt fence and gravel bags are being maintained along the right-of-way in accordance with the SWPPP and MM-HYD-1 (see Photo 1 – Attachment A).

In accordance with MM-TRA-1, traffic control measures consisting of a flagger and signage were being utilized along Old Highway 80 to ensure safe passage for public motorists (see Photo 1 – Attachment A).

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.

#### 138 kV Overhead Transmission Line

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

Traffic control measures consisting of a flagger and signage were in place during sock line flying across Old Highway 80 in accordance with MM-TRA-1. Temporary guard structures were observed constructed during activities associated with flying sock line to ensure safety for motorists along Old Highway 80 (see Photo 3 – Attachment A).

In accordance with MM-BIO-1c, 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 4 – Attachment A). Topsoil was observed staged along the limits of work that will be utilized for restoration activities in accordance with MM-BIO-1d. Drip pan containment bins were observed beneath equipment staged along the right-of-way in accordance with MM-HAZ-1a and spill kits were accessible in case of hazardous materials leak.

In accordance with Mitigation Measures CUL-1A and CUL-1D, Environmentally sensitive areas (ESAs) have been clearly identified in the field via use of signage and flagging material.

## 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-BIO-1d, crews were observed re-distributing topsoil where temporary trailers were staged, as well as staking locations for potted plants. In accordance with the Surface Treatment Plan and MM-VIS-3g, the Transformer Fire Walls at the ECO Substation have been surfaced treated “Toffee Bar” (see Attachment A — Photo 5).

## 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-1a. Biological monitors were observed inspecting excavations during construction and working with construction crews to ensure excavations were covered at the end of daily construction activities to prevent wildlife entrapment.

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.

In accordance with the Surface Treatment Plan and MM-VIS-3g, the control shelter at the Boulevard Substation Rebuild have been surfaced treated “Otay Ranch Brown” (see Attachment A — Photo 6).

## ***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 95% 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. 67% 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 November 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:** Erosion control devices were observed being maintained in accordance with MM-HYD-1.



**Photo 2:** Signage is placed along Old Highway 80 notifying motorists of construction activities in accordance with MM-TRA-1.

## ATTACHMENT A (Continued)



**Photo 3:** Temporary guard structures were observed constructed during activities associated with flying sock line to ensure safety for motorists along Old Highway 80.



**Photo 4:** Crews were observed completing dead-end work at SP-48 within the approved work limits. Biological monitors were observed monitoring activities in accordance with MM-BIO-1c.



## ATTACHMENT A (Continued)



**Photo 5:** In accordance with the Surface Treatment Plan and MM-VIS-3g, the Transformer Fire Walls at the ECO Substation have been surfaced treated “Toffee Bar”.



**Photo 6:** In accordance with the Surface Treatment Plan and MM-VIS-3g, the control shelter at the Boulevard Substation Rebuild have been surfaced treated “Otay Ranch Brown”.

## 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



## 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