

	<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: 048</b></p> <p><b>February 2, 2015</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 January 19 through February 1 2015.

**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 removing or replacing erosion and sediment control devices along the right-of-way; continued repair and replacement of landowner fencing and gates along the right-of-way (ROW); continued adjustment of vault pads; road maintenance and drainage system work along the ROW; and continued trenching, excavation, and

installation of conduit at the Carrizo Creek Bridge; mobilization of the boring contractor and equipment; and installation of carsonite markers along the ROW.

In accordance with MM-BIO-4a and MM-AQ-1, water trucks were observed watering down commonly used access roads to minimize dust emissions (see Attachment A – Photo 1). Single lane traffic control was in effect along Old Highway 80 as required by MM-TRA-1.

Fire tools and fire watch were on site as stipulated by MM-FF-1, and a biological monitor was present during bore pit drilling per MM-BIO-1C. Spill kits were stationed onsite and easily accessible in accordance with MM-HAZ-1a (see Attachment A – Photo 2).

### 138 kV Overhead Transmission Line

Construction activities during this reporting period consisted of removing or replacing the erosion and sediment control devices throughout all steel pole sites; continued restoration activities at temporary work areas; and continued finish-grading of previously disturbed roads and pad sites.

As required by MM-FF-1, fire tools and fire watch were present during fence installation along the overhead alignment. To minimize the potential for concrete spills, sheets of Vizqueen were placed under the hand concrete mixer during fence installation (see Attachment A – Photo 3).

Speed limits along the overhead access road were maintained at 15mph in compliance with MM-BIO-4a and MM-AQ-1. Drainages and erosion control devices along the ROW were completed and maintained according to the Project SWPPP and MM-HYD-1 (see Attachment A – Photo 4).

### East County Substation

Construction activities during this reporting period consisted of continued work on punch list items; removing, installing, or replacing erosion and sediment control devices; continued installation of the security system; and continued installation of the permanent water tank.

### Boulevard Substation Rebuild

Construction activities during this reporting period consisted of continued work on punchlist items, continued work associated with the 69 kilovolt (kV) transmission line realignment, demobilization of the construction trailers and associated debris, and continued construction of the permanent drainage system.

Staged equipment left on site was equipped with drip pan containment as required by MM-HAZ-1a. Site was free of debris and trash dumpsters were covered and contained in accordance with MM-BIO7d and MM-HAZ-1c.

Erosion devices surrounding the 69kv realignment pole were in good condition in accordance with MM-HYD-1 and the Project SWPPP.

All activities were observed being completed within the approved work limits and no issues/concerns were observed.

### ***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 99% complete. Work associated with landscaping and demolishing the existing Boulevard Substation remains outstanding.

### ***ECO Substation Site Construction***

Construction at ECO Substation is 100% complete. Work associated with landscaping remains outstanding.

### ***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 on non-federal land. Work associated with restoration remains outstanding.

### ***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. 100% of the wire has been installed. Work associated with restoration remains outstanding.

## ATTACHMENT A Photos

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**Photo 1:** In accordance with MM-BIO-4a and MM-AQ-1, water trucks were diligent in watering down commonly used access roads along the underground alignment.



**Photo 2:** Spill kits were stationed onsite and easily accessible in accordance with MM-HAZ-1a.

## ATTACHMENT A (Continued)



**Photo 3:** To minimize the potential for concrete spills on, sheets of Vizqueen were placed under the hand concrete mixer during fence installation along the overhead ROW. Fire watch was on site with fire tools in accordance with MM-FF-1.



**Photo 4:** Rock drainages, water bars, and other erosion control devices along the ROW were completed and maintained according to 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
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

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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