

	<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: 037</p> <p>August 31, 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 August 18 through August 31 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 repair and maintenance of erosion control devices along the right of way (ROW); splicing fiber optic cable; mandrelling and adjusting manhole rings at vaults; splicing within Vaults 3B through 5B, and 6B; finish-grading the road north

and south of Jewel Valley Road; continued export of spoil from the Domingo Lake Construction Yard; paving of Old Highway 80 and Carrizo Gorge Road; pulling cable between vaults; and continued racking of vaults in preparation of cable pulling.

Topsoil was observed staged along the limits of work that will be utilized for restoration activities in accordance with MM-BIO-1d. In accordance with Habitat Restoration Plan, topsoil has been redistributed over a recontoured portion of the alignment and exclusion fencing has been installed to prevent access (See Attachment A- Photo 1).

In accordance with MM-BIO-1c and MM-BIO-1a, biological monitors were onsite to ensure construction was being completed in accordance with project requirements. Trenches and excavations were observed covered to prevent wildlife entrapment in accordance with MM-BIO-7a.

In accordance with MM-BIO4-A and MM-AQ-1, water trucks were used to control dust during finish grading of access roads north and south of Jewel Valley Road (See Attachment A- Photo 2). Drip pan containment bins were observed beneath equipment staged along the right-of-way in accordance with MM-HAZ-1a.

138 kV Overhead Transmission Line

Construction activities during this reporting period consisted of foundation patchwork; erection of steel structures; maintenance and repair of the erosion and sediment control devices throughout all active pole sites; jacking steel poles; welding of grounding tabs and jack nuts on steel poles; continued installation of grounding at steel poles; and repair of foundation at SP-50.

Dust control measures in line with MM-AQ-1 and MM-BIO-4a were observed to be effective. Track-out measures consisting of rumble plates and rock aprons were in place and maintained at access road entrances and exits.

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). All excavations were inspected daily prior to construction activities and throughout the day to ensure that no wildlife species had become entrapped in accordance with MM-BIO-7e.

Erosion control measures consisting of straw wattles, silt fence and gravel bags are being maintained in accordance with the SWPPP and MM-HYD-1. Crews were diligent in placing drip pan containment under staged and active stationary equipment as required by MM-HAZ-1a (See Attachment A- Photo 3).

Per the Construction Fire Prevention/Protection Plan, SDG&E was observed inspecting equipment along the ROW 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.

East County Substation

Construction activities during this reporting period consisted of delivery of spoil for rough-grading of the southeast corner of the 500 kV pad; continued construction of the permanent water tank south of the 500 kV substation pad; continued cleanup and preparation for subcontractor demobilization; various punchlist items; placement of riprap along the eastern side of the southern access road entrance near Old Highway 80; and repair and maintenance of installed sediment and erosion control devices throughout the site.

Hazardous materials stored onsite were labeled and staged in proper containment bins per MM-HAZ-1a, and spill kits were readily accessible. Construction equipment and staged materials throughout the substation were equipped with drip pan containment as stipulated by MM-HAZ-1a. As required by MM-HAZ1-c, trash storage bins were equipped with covers to avoid dispersal due to weather or wildlife.

Erosion control measures consisting of straw wattles, silt fence and gravel bags are being maintained in accordance with the SWPPP and MM-HYD-1. In accordance with MM-BIO4-A and MM-AQ-1, water trucks were used to control dust along access roads, work areas, and commonly used routes within the substation boundaries.

Boulevard Substation Rebuild

Construction activities during this reporting period consisted of continued installation of relay panels and equipment in the control shelter, continued erection of steel structures, equipment setting, and installing bus; and placement of Class II base within the substation and preparation for driveway paving; construction of permanent water tank; and installation of V-ditches around substation site.

Throughout the substation, fire tools were set out at individual areas of work and attached to equipment for access in case of an emergency and in accordance with the Construction Fire Plan and MM-FF-1 (See Attachment A- Photo 4).

Traffic control was diligent in safely guiding local and project related traffic through flagged paving work areas on Old Highway 80 in accordance with MM-TRA-1 (See Attachment A- Photo 5).

Biological monitors were onsite to ensure driveway grading and V-ditch installation remained within the approved work limits and to monitor for sensitive wildlife species (MM-BIO-1a and MM-BIO-1c).

Water trucks equipped with hoses were being utilized to water down areas of active construction and access roads to minimize fugitive dust emissions in accordance with MM-BIO-4 and MM-AQ-1.

Erosion control measures consisting of straw wattle and silt fencing were observed installed and being maintained in accordance with MM-HYD-1 along the outside of the perimeter fencing. Visual screening fencing was in good condition in accordance with MM-VIS-3e (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 activities associated with foundation and concrete forms, drilling pier foundations, and installing circuit breakers and the associated wiring continued during this reporting period and are 82% complete.

ECO Substation Site Construction

Crews continue completing activities associated with the concrete form building, drilling pier foundations and installation of the ground grid and electrical system. Construction at ECO substation is 97% complete.

138 kV Underground Construction

Construction crews have completed installation for all 39 vaults, 76% of cable has been installed, and 98% of trenches have been excavated and backfilled.

138 kV Overhead Construction

All 53 steel pole pads/spur roads have been completed, all 53 pole foundations are complete, and 36 poles have been erected.

SWPL Loop-In

Seventeen structure foundations have been completed, seventeen poles are erected and 100% of 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 September 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: In accordance with Habitat Restoration Plan and MM-BIO-1d, topsoil is redistributed over a recontoured portion of Section 1 underground, and exclusion fencing has been installed to prevent access.



Photo 2: In accordance with MM-BIO4-A and MM-AQ-1, water trucks were used to control dust during finish grading of access roads north and south of Jewel Valley Road.

ATTACHMENT A (Continued)



Photo 3: Crews at SP-50 were diligent in placing drip-pan containment under staged and active stationary equipment as required by MM-HAZ-1a.



Photo 4: Throughout the substation, fire tools were set out at individual areas of work and attached to equipment for easy access in case of an emergency and in accordance with the Construction Fire Plan and MM-FF-1.

ATTACHMENT A (Continued)



Photo 5: Traffic control was diligent in safely guiding local and project related traffic through work areas on Old Highway 80 in accordance with MM-TRA-1.



Photo 6: Erosion control measures consisting of straw wattles were observed installed and being maintained in accordance with MM-HYD-1. Visual screening fencing was in good condition in accordance with MM-VIS-3e.

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