	California Public Utilities Commission ***Mitigation Monitoring, Compliance, and Reporting Program***
	East County (ECO) Substation Project **Compliance Status Report: 034** **July 20, 2014**

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 July 7, 2014, through July 20, 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, SWPL Loop-In 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

<u>138 kV Underground Transmission Line</u>

Construction activities during this reporting period consisted of repair and maintenance of erosion control devices along the right of way (ROW) between the Domingo Lake Construction Yard, the Boulevard Substation Rebuild site, and the Jewel Valley Yard; racking vaults; pulling cable between Vaults 3 and 4,

4 and 5, 6 and 7, and 10 and 11; pulling fiber optic cable between vaults; mobilizing the cable-splicing crew to the ROW and splicing cable within Vault 7 and 8; continued reaming process for the horizontal directional drill (HDD) of the Trench A package; continued the railroad jack-and bore for the Trench A package; mandrelling and adjusting manhole rings at vaults; exportation of soil to Domingo Lake Construction Yard; installing duct bank for Trench A from the southern access road to the Carrizo Creek Bridge; excavation, conduit placement, and slurry placement of Trench A; paving portions of Old Highway 80 and Carrizo Gorge Road; and installation of the tie-in to Vaults 7A and 8A

During this reporting period, CPUC third-party monitors observed construction crews staging equipment used in foundation hole drilling at the Domingo Lake Construction Yard. A concrete washout basin was observed in good condition in accordance with MM HYD-1 (See Photo 1—Attachment A). Spill kits with spill cleanup tools (MM HAZ-1a) were observed staged at the Construction Yard. Fire safety equipment was observed on-site in accordance with MM FF-1. Visual screening surrounding the yard required per MM VIS-3a, was observed to being maintained.

138 kV Overhead Transmission Line

Construction activities during this reporting period consisted of breaking forms, drilling, and placing concrete for foundations (Steel Pole (SP) 40 through 46); continued patch work on foundations; erecting steel structures (SP 61, 60, 60A, 63, 64 and SP 80 through 82); conducting maintenance and repair of the erosion and sediment control devices; conducting spoil removal from the foundation drilling sites; conducting minor road improvements; and initiation of jet grouting at SP-84.

Construction crews were observed removing drilling equipment from SP-44, finishing a concrete foundation at SP-43, and installing a rebar cage at SP-42. At SP-42, water was observed being utilized for dust control (MM AQ-1 and BIO-4a) (see Photo 2—Attachment A) =. At SP-43, concrete spoil was observed being placed on plastic (MM HAZ-1a) in order to prevent any potential soil contamination. At SP-44, the foundation hole was covered to prevent wildlife entrapment (MM BIO-7a) and drill spoil stockpiles were being watered to minimize fugitive dust (MM AQ-1, BIO4a). SWPPP BMPs, including straw wattles installed along the fill slope, applied hydromulch, and silt fencing are being utilized to minimize the potential for off-site sediment transport (See Photo 3—Attachment A).

During ground wire and rod installation activities at SP-67 and SP-69, a water truck was used for dust control in the work area and during trenching (MM AQ-1 and BIO-4a). Erosion and sediment controls included the use of straw wattles along the work area perimeter and hydro-mulch on graded slopes (MM HYD-1). The work area was observed clearly delineated (MM BIO-1a) and a biological monitor was observed monitoring the work activity in both locations (MM BIO-1c). A rattle plate remains at the access road ingress/egress to Old Highway 80, and the paved highway was observed free of track-out in accordance with MM AQ-1, MM BIO-4a, and MM HYD-1 (See Photo 4—Attachment A).

East County Substation

Construction activities during this reporting period consisted of installing the series capacitor bank; transporting spoil for rough-grading of the southeast corner of the 500 kV pad; maintenance and repair of installed sediment and erosion control devices; application of hydromulch along the southern access road; application of hydroseed on the southern slope of the 500kV pad; construction of the permanent water tank south of the 500 kV pad, cleanup and preparation for subcontractor demobilization; and completion of the fence around the series capacitor bank.

Boulevard Substation Rebuild

Construction activities during this reporting period consisted of mechanical and electrical build out of the control shelter; foundation construction; erecting steel structures; and installation of the ground grid.

At the Boulevard substation rebuild site construction, crews were observed conducting framing activities around the 69 kV circuit breakers and building foundations. Visual screening of the work area was in good condition in accordance with VIS-3a (see Photo 5—Attachment A). Trash was not observed on site during this reporting period, and a large trash container was observed covered to minimize wildlife attractants in accordance with BIO-7d (see Photo 6—Attachment A).

Perimeter sediment controls (i.e., silt fence and straw wattles) were observed to be maintained and in good working condition in accordance with MM HYD-1. Drip bins were observed beneath staged generators (MM HAZ-1a) and secondary containment was observed beneath portable toilets.

This reporting period, leaked/spilled hydraulic fluid was observed beneath a staged backhoe. An on-site biological monitor, notified the CPUC third- party compliance monitor that the SWPPP inspector was aware of the spill, and that the cleanup process had been initiated.

SWPL Loop- In

Activities during this reporting period consisted of completing re-contouring and topsoil spreading on stringing sites; finish-grading of the structure pads and access roads; continued installation of drainage features fiber splicing between SWPL structure SD-6 and the Sunrise Power Link tower to the north of the structure; and maintaining BMPs along structure sites and access roads.

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 68% 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 39 vaults on non-federal land (100%) and 4 of 5 vaults on federal land. 99% of trenches have been excavated and backfilled on non-federal land and 95% of trenches have been excavated and backfilled on federal land. 38% of the cable has been installed on non-federal land.

138 kV Overhead Construction

Fifty-three steel pole pads/spur roads are completed (100%), 50 (of 53) pole foundations are complete, and 14 (of 53) poles have been erected.

SWPL Loop-In

All SWPL Loop-In components have been completed as of June 2014 Seventeen structure foundations have been completed, seventeen poles are erected and 100% 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 December 2014.

SWPL Loop-In: – Construction of all SWPL Loop-In structures were completed in June 2014.

ATTACHMENT A
Photos

Photo 1: Concrete washout basins were observed in good working order in accordance with the project SWPPP and MM HYD-1.

Photo 2: During rebar cage installation at Steel Pole 42, water was utilized for dust suppression (MM AQ-1) and fire safety tools (Pulaski, shovel, etc.) were observed staged on site in accordance with MM FF-1.

Photo 3: SWPPP BMPs (MM HYD-1), including straw wattles and silt fencing were observed in good working condition at Steel Pole 42.

Photo 4: Rattle plates were observed being maintained at the point of ingress and egress to Old Highway 80 (SWPPP and MM HYD-1).

Photo 5: Crews were observed working on the 69kV Circuit Breaker Frame at the Boulevard Substation Rebuild. Visual screening was observed in good working order in accordance with MM VIS-3a.

Photo 6: Trash was observed to be contained in covered trash bins in order to reduce attractants for wildlife attraction in accordance with MM VIS-3a.

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 and 64	Approved	January 14, 2014
011	January 16, 2014	Temporary Meeting Location for Material and 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
014	June 11, 2014	Amended Construction Water Supply Plan	Approved	June 12, 2014