	California Public Utilities Commission ***Mitigation Monitoring, Compliance, and Reporting Program***
	East County (ECO) Substation Project **Compliance Status Report: 023** **February 16th, 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 February 3rd 2014 to February 16th 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, 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

138 kV Underground Transmission Line

Construction activities during this reporting period consisted of repair and maintenance of the sediment and erosion control devices along the right-of-way between the Domingo Lake Construction Yard and the Boulevard Substation rebuild site, continued excavation, duct bank installation and concrete pours, continuation of vault setting and tie-ins, continued drilling at jack-and-bore sites, and trenching and grading for vaults associated with Boulevard Rebuild Substation. Shoring began at the jack-and-bore entry pit along Old Highway 80 at Carrizo Gorge Bridge, and rock saw activities were also initiated in this area.

In accordance with MM TRA-1, traffic flaggers and posted signage were utilized to direct traffic along publicly accessed right of way roads to ensure safe passage for motorists and keep construction operators and crews aware of passing traffic (see Attachment A - Photo 1).

As required in the Construction Fire Prevention and Protection Plan, MM-FF-1, a fire watch was on site for relevant construction activities to ensure verification of compliance with the Construction Fire Prevention and Protection Plan, observe activities for fire prevention & safety, and check the work area after the day's activities were completed (see Attachment A - Photo 2).

Erosion control devices such as straw wattles, gravel bag check dams, and silt fencing were installed along the project right of way in accordance with MM-HYD-1 and the SWPPP in order to minimize the potential for run-off from construction areas (see Attachment A - Photo 3).

As required by MM-BIO-4a and MM-AQ-1, water trucks were observed suppressing fugitive dust emissions in areas of active construction and along frequently used unpaved roads.

138 kV Overhead Transmission Line

Construction activities during this reporting period included rough grading and rock/spoil removal of steel pole pads and spur roads, rock removal and brush-chipping, access road improvements, and completion of micropile activities.

In accordance with MM-BIO7-j, pre-construction nesting bird surveys were conducted by a CPUC approved biologist prior to construction activities. Biologists identified one nest during the reporting period, and appropriate avoidance measures (buffer) were observed being implemented (see Attachment A - Photo 4).

In accordance with MM-CUL-1d and MM-BIO-1c, archeological and biological monitors were present during ground disturbance activities. Biological monitors were observed working with construction crews to ensure trenches were sloped and excavations were covered at the end of daily construction activities to prevent wildlife entrapment.

Archeological and biological monitors ensured construction activities remained within the approved work limits as stipulated in MM-BIO1-a, and that impacts to sensitive environmental resources were minimized (see Attachment A - Photo 5).

All construction equipment and areas of active construction were equipped with fire suppression tools and emergency water supply as stipulated in MM-FF-1 and the Construction Fire Prevention/Protection Plan (see Attachment A - Photo 6).

ECO Substation

Construction activities at the ECO Substation included spoil delivery for 500 kV pad rough-grading, foundational drilling and concrete form building, substation drainage system concrete pours, continued construction of substation structures and buildings, installation and wiring of circuit breakers, erection of steel A-frames and H-braces, installation of drivable grass pavers, and installation of the ground grid system. Crews also repaired and maintained the sediment and erosion control devices throughout the site.

In accordance with MM-HAZ-1a, spill kits were observed on site and securely attached to construction equipment to ensure materials are readily accessible for clean-up of small spills. Staged equipment and portable restroom facilities were also observed to have containment bins.

Biological monitors on site during ensured implementation of MM-BIO-7a, specifically that any and all open trenches and excavations were either covered or left with an earthen ramp so as to facilitate wildlife escape and avoid entrapment (see Attachment A - Photo 7).

All project vehicles and equipment maintained speeds of 15mph or slower, in accordance with MM-BIO-7b. These efforts also contribute towards maintaining compliance with MM-BIO-4a and MM-AQ-1.

In accordance with MM-HAZ-1c, staged equipment, including generators, parked in active construction equipment, and portable facilities were equipped with drip pan containment to avoid hazardous materials leakage onto surrounding soil (see Attachment A - Photo 8).

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 compliance issues were documented during this reporting period.

CONSTRUCTION PROGRESS

Boulevard Substation Rebuild Site

Construction crews have completed demolishing existing structures and have completed the finish-grade of the substation pad. Construction of the concrete forms for the substation foundations and piers continues. Construction activities are approximately 24 percent complete.

ECO Substation Site Construction

Construction crews have completed hydro-seeding application and slope stabilization of the topsoil along the slopes of the 500 kV and 230/138 kV substation pads. Construction activities associated with the above-grade components continues. Construction activities are approximately 69 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 have completed 14 vaults and 26 percent of trenches have been excavated and backfilled.

138 kV Overhead Construction

SDG&E continued to place ESA fencing along the right-of-way, remove vegetation, install erosion control devices, clearing and grading pad sites, and erecting steel poles. Twenty-eight steel pole pads/spur roads have been completed, four pole foundations are complete, and one pole has been erected.

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. Construction activities are approximately 69 percent complete.

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. Construction activities are approximately 24 percent complete.

ATTACHMENT A
Photos

Photo 1: MM TRA-1; traffic flaggers and posted signage were utilized to direct traffic along publicly accessed right of way roads to ensure safe passage for motorists.

Photo 2: MM-FF-1; a fire watch was on site to ensure verification of compliance with the Construction Fire Prevention/Protection Plan.

Photo 3: Erosion control devices such as straw wattles, gravel bag check dams, and silt fencing were installed along the project right of way in accordance with MM-HYD-1.

Photo 4: Biologists identified one nest during the reporting period, and appropriate avoidance measures (buffer) have been installed in accordance MM-BIO-7j.

Photo 5: Archeological and biological monitors ensured construction activities remained within the approved work limits as stipulated in MM-BIO1-a.

Photo 6: All construction equipment and active sites were equipped with fire suppression tools and emergency water supply as stipulated in the Project Construction Fire Prevention/ Protection Plan

Photo 7: Biological monitors ensured all open trenches and excavations were either covered or left with an earthen ramp in accordance with MM-BIO-7a.

Photo 8: In accordance with MM-HAZ-1c, staged equipment, including generators, were equipped with drip pan containment to avoid hazardous materials leakage onto surrounding soil.

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

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