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| | **California Public Utilities Commission**<br>***Mitigation Monitoring, Compliance, and Reporting Program*** |
| | **East County (ECO) Substation Project**<br><br>**Compliance Status Report: 046**<br><br>**January 4, 2015** |

## 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 December 22 through January 4, 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

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

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; installation of a rock apron at the intersection of Carrizo

Gorge Road and Old Highway 80; continued trenching along both sides of Carrizo Creek Bridge; and energization of the transmission line.

Traffic safety measures observed being implemented included the use of traffic cones, signs, and flaggers to direct motorists along Carrizo Gorge Road during work activities in accordance with MM-TRA-1 (see Attachment A – Photo 1).

Work limits were observed being clearly delineated with flagging in accordance with MM-BIO-1A and a biological monitor was present per MM-BIO-1C. Sediment control BMPs, including straw wattles and gravel bag berms, were observed in good condition along the perimeter of the work limits (MM-HYD-1) and were observed around stockpiles adjacent to gate installation areas (see Attachment A – Photo 2).

138 kV Overhead Transmission Line

Construction activities during this reporting period consisted of installing metal grounding objects throughout the right-of-way; restoration activities, including hydroseeding at temporary work areas, pad slopes, and stringing sites; and installation and/or repair of gates.

During hydroseeding activities, crews were observed carrying required fire response tools in work vehicles and fire patrols/inspectors were present on-site in accordance with MM-FF-1 (see Attachment A – Photo 3).

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; continuing to install the security system; continuing to install the permanent water tank; and implementation of the Landscaping Plan (ECO-AES-1), including hydroseeding and spreading spoils. Hydroseeding crews were observed applying approved mixtures adjacent to the ECO substation (see Attachment A – Photo 4). The temporary work areas were decompacted prior to the seed application in accordance with MM-BIO-1D. Restoration activities were also observed being performed under the direction of a habitat restoration specialist in accordance with MM-BIO-1D. Slope stabilization BMPs, including installation of straw wattles were observed implemented (MM-HYD-1).

Boulevard Substation Rebuild

Construction activities during this reporting period consisted of cleaning up materials and equipment from the temporary work areas; preparing for landscape installation and seeding activities; and energization of the substation. 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 98% 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

**Photo 1:** Traffic control measures consisting of traffic cones, signs, and flaggers were observed being utilized to direct motorists along Carrizo Gorge Road during work activities in accordance with MM-TRA-1.

**Photo 2:** Erosion and sediment control devices (straw wattles) were observed implemented around stockpiles (MM-HYD-1) during construction along the 138 kV underground line.

**Photo 3:** During hydroseeding along the pad slopes of temporary work areas along the 138kV overhead line, crews were observed carrying required fire equipment in work vehicles in accordance with MM FF-1.

**Photo 4:** Restoration activities at the ECO substation this reporting period consisting of applying approved hydroseed mixtures on slopes adjacent to the substation. Slope stabilization BMPs, including straw wattles, were observed to be installed and in working condition(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

| 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 |