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## PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

**To:** Billie Blanchard, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** April 18, 2012  
**Subject:** Weekly Report 37, March 26 to April 1, 2012

### INTRODUCTION

This report provides a summary of the construction and compliance activities associated with the SCE DPV2 Transmission Line and Red Bluff Substation Projects. This report is organized as follows:

- Transmission Line Construction
- Substation Construction and Upgrades
- Construction Yards and Other Workspaces

A summary of the Notices to Proceed (NTPs) with construction and Variance Request activity are also provided (see Tables 1 and 2, respectively, near the end of this report). Additionally, a summary of Temporary Extra Workspace (TEWS) and non-compliance activities are provided in Tables 3 and 4, respectively. Table 5 provides a summary of transmission line construction progress to date.

**CPUC/BLM/Aspen Environmental Monitors (EM):** Ryann Loomis, Rosina Gallego, and Jamie Miner

### Transmission LINE Construction

#### Summary of Activity

1. Colorado River Substation (CRS) to Red Bluff Substation
  - Tower assembly activities were conducted at Towers 2648, 2649, 2650, 2651 and 2652 and CRS Loop-In Towers CR1-2E, CR1-3E, CR1-4E, CR1-5E, CR1-1W, CR1-2W, CR1-3W, CR1-4W, and CR1-5W (see Figure 1).
  - BMPs were maintained at the water stand tank location along Corn Springs Road.
2. Red Bluff Substation to Devers Substation
  - Concrete foundation pouring was conducted at Red Bluff Loop-In Towers RB1-3E, RB1-4E, RB2-4E, RB1-1W, RB1-2W, RB2-1W, and RB2-2W.
  - Foundation drilling occurred at Red Bluff Loop-In Towers RB1-3E, RB1-5E, RB2-4E, RB2-5E, RB1-2W, RB2-1W, and RB2-2W.
  - Grading and tower pad recontouring activities were conducted at Towers 2512, 2513, 2516, 2517, 2520, 2522, and 2526 and Red Bluff Loop-in Towers RB1-2E, RB1-5E, and RB2-5E (see Figure 2). Stub roads associated with Red Bluff Loop-In Towers RB2-5E and RB1-1W were also graded.
  - Vegetation was cleared at Towers 2513 and 2516.
  - Installation of BMPs occurred at Towers 2516 and 2520.
  - Activities associated with the construction of the wet crossing along the spur road to Red Bluff Loop-In Towers RB1-5E and RB2-5E continued (see Figure 3).



### 3. Devers Substation to Valley Substation

#### Non-USFS Land

- BMP installation occurred at Towers 1002, 1006, 1008, 1009, 1025, 1052, 1053, 1056, 1063/R3, 1071, 1073, 1076, 1085, 1088, and 1093.
- Vegetation clearing occurred at Towers 1002, 1018-1021, 1023, 1025, 1031, 1052, 1056, 1073, 1076, and 1091.
- Spur road and crane pad grading occurred at Towers 1002, 1005, 1006, 1007, 1008, 1009, 1024, 1025, 1054, 1055, 1056, 1085, H1A-DV, and H1X-DV.
- Foundation drilling occurred at Towers 1052, 1053, 1055, and 1064.
- Foundation concrete pouring occurred at Towers 1052 and 1053 (see Figure 4).
- Tower assembly and steel deliveries occurred at Tower 1061/R1, 1062/R2, 1063/R3 and 1064/R4 (see Figure 5).

#### USFS Land

- Helicopter temporary platforms were installed at Towers 1032-1043.

### **Environmental Compliance**

- Biological and Archaeological monitors were present as applicable during all transmission line construction activities.
- The CPUC EMs identified adequate implementation of BMPs and secondary containment techniques during the subject period.
- On March 26, 2012, an SCE monitor reported a piece of equipment drove around a disturbance area stake and outside of project boundaries at Tower 1007. No grading or severe ground disturbance was observed. The area was sandy and no vegetation impacts occurred. Straw wattles were placed around the area to prevent this from occurring in the future. The SCE Field Lead was notified and the area of disturbance was captured using a Trimble GPS unit.
- On March 27, the SCE Monitor reported that a PAR truck was parked off the access road and outside of the disturbance limits near Red Bluff Loop-In Tower RB1-2W.
- On March 27, 2012, at 0800 hours the SCE Field Lead observed the PAR contract helicopter approach the landing zone being used within Tower 1051 which was restricted due to bird nests. The pilot landed the helicopter and met with the Field Lead. He was advised to proceed to landing site H1X-DV, which he did. No damage to resources was observed.
- On March 27, 2012, an SCE General Monitor reported a minor hydraulic oil leak occurred at Tower 1025. The oil leak resulted from equipment malfunction on a Philips and Jordan skid steer mower attachment. The majority of the hydraulic oil (less than two quarts) leaked onto the deck of the mower attachment. Impacted soils were excavated and removed offsite for proper disposal. No evidence of hydraulic oil was observed on the ground by the time the general monitor arrived onsite. The foreman for Philips & Jordan stated that the skid steer will be removed from the site the next day (3/28/2012). No additional oil leaked from the equipment.
- On March 29, 2012 CPUC EM's were notified that the drilling contractor needed to enter Tower 1051 to retrieve equipment. This area was restricted due to a number of active bird nests. The SCE Biological Subject Matter Expert indicated to the CPUC Lead EM that they had not received concurrence from CDFG, but that SCE was going to allow their contractor to enter the Environmentally Sensitive Area (ESA) area prior to receiving approval. When the CPUC Lead EM notified SCE that they need concurrence from CDFG before entering the ESA, SCE indicated that they would wait and seek concurrence. Prior to CDFG concurrence, the contractor entered the work site with a Biological Mon-

itor present and retrieved their equipment. The Biological Monitor cleared the site before the contractor entered the disturbance area. Staking installed to exclude the site was removed to allow the contractor to pick up equipment and was re-installed upon exit.

- The SCE General Monitor observed and reported excessive fugitive dust due to lack of watering along the Red Bluff primary access road on March 29 and March 30. The CPUC EM also witnessed excessive dust resulting from lack of watering along the access road on March 29. The CPUC discussed the issue at length with the SCE General Monitor and Fred Lamb (SCE Air Quality Specialist) who were onsite during the observation.
- On March 30, the CPUC EM identified an area at the intersection of the ROW access road and a perpendicular north-south access road where vehicles and/or heavy equipment had traveled outside of the defined project limits (see Figure 6). It was later discovered that the contractor had created an alternate path because the intersection was too sharp to accommodate heavy equipment. Subsequently, tracks were observed in undisturbed habitat that would allow a wider turning radius in the area.
- March 30, 2012 a Phillips and Jordan crew completed vegetation clearing, BMP installation, and some grading at Tower 1056 prior to the site being field validated by the CPUC EM (see Figure 7). SCE notified the CPUC EM's of the incident and the crews were demobilized from the site. No sensitive resources were impacted. The CPUC Lead EM notified the SCE Environmental Coordinator for Devers to Valley that all sites must be field validated and approved by the CPUC EMs prior to construction.
- On March 31, 2012, an SCE Biological Monitor discovered a dead legless lizard (*Anniella pulchra*) dead on the access road to Towers 1063 and R3. The discovery was made during the morning sweep and was reported as non-project related.
- During the subject period, it was discovered that Towers 2520 and 2526 had been cleared of vegetation and graded. However, these two locations are included as salvage sites in the approved Desert Pavement Plan. Contrary to requirements of the plan, there was no coordination between the SCE General Monitor and the contractor to determine the potential to avoid and salvage desert pavement at these sites prior to ground disturbance.
- Several Mojave fringe-toed lizard observations were reported during construction activities associated with the CRS Loop-In Towers. Each of these observations resulted in the SCE Biological Monitors successfully chasing the lizards into adjacent habitat and out of construction areas.
- SCE Biological Monitors reported several desert tortoise observations during construction activities associated with the Red Bluff Loop-In Towers. Each of the tortoises observed were left alone.

Project Memoranda #4 was issued during the subject period for Transmission Line activities. Non-Compliance activities for the project to date are summarized in Table 4.

**Agency Representatives during Construction (Other than CPUC EMs):**

None.

**Substation Construction AND UPGRADES**

**Summary of Activity**

1. Colorado River Substation (CRS) (BLM Lands) – Major construction activities that were conducted at the CRS site and along the primary access road during the subject period included ongoing rough grading and drainage trenching. Activities associated with the installation of a telecomm line to the office trailers also occurred. The application and grading of the gravel base coat and the initial placement of pavement occurred along the primary access road (see Figure 8). BMPs were installed and/or maintained as appropriate within the substation work limits and along the access road.

2. CRS Telecomm Line (BLM and Private Lands) – No major activities were conducted along the CRS telecomm line during the subject period.
3. Series Capacitor (BLM Lands) – No major activities were conducted at the Series Capacitor site during the subject period.
4. Red Bluff Substation (BLM Lands) – Ongoing cut and fill activities, including rock crushing, continued at the substation and laydown area sites throughout the subject period. Gravel placement was initiated within the area designated for the laydown yard. Crews installed a tortoise-proof gate along the fencing in the northeast corner of the substation that will facilitate access to Red Bluff Loop-In Tower RB1-2E. Staking of work limits and BMP installation and maintenance continued along the primary access road between Corn Springs Road and the substation site. Well development activities, involving pumping of the well, also continued.

### **Environmental Compliance**

- SCE General, Biological, and Archeological Monitors were onsite, as appropriate, throughout all construction activities associated with CRS and the Red Bluff Substation.
- On the morning of March 27, the SCE Biological Monitor observed a gray Dodge Ram 1500 truck traveling at speeds in excess of 30 mph along the Red Bluff access road during the biological clearance sweeps. A few hours later, the same SCE Biological Monitor observed the same truck traveling at excessive speeds again. The SCE Biological Monitor contacted the substation Biological Monitor and reminded him to be sure to address project speed limits during the morning tailboards. The SCE Biological Field Lead for the Red Bluff Substation was also made aware of the observations.
- SCE Biological Monitors reported numerous sightings of Mojave fringe-toed lizard at the CRS site during the subject period. With the exception of one individual, all of these were passively relocated by chasing into adjacent habitat away from construction activities. One individual was captured and relocated approximately 300 feet outside of work limits on March 30.

No Non-Compliance Reports or Project Memoranda were issued during the subject period for Substation Construction and Upgrade activities. Non-Compliance activities for the project to date are summarized in Table 4.

### **Agency Representatives during Construction (Other than CPUC EMs):**

None.

## **Construction YARDS AND OTHER WORKSPACES**

### **Summary of Activity:**

Non-Federal Lands:

Blythe Yard (Material Yard/Contractor Show-Up Yard) – No construction activities occurred during the subject period. Activities are limited to minor maintenance, implementation of BMPs, material deliveries, temporary storage of construction equipment and materials, and worker vehicle parking.

Desert Center 1 Yard (Material Yard) – No construction activities occurred during the subject period. Activities are limited to minor maintenance, implementation of BMPs, and material deliveries.

Desert Center 2 Yard (Material Yard/Contractor Show-Up Yard) – No construction activities occurred during the subject period. Activities are limited to minor maintenance, implementation of BMPs, material deliveries, temporary storage of construction equipment and materials, and worker vehicle parking.

Chiriaco Summit Yard (Material Yard) – No construction activities were conducted during the subject period. Activities are limited to minor maintenance, implementation of BMPs, and material deliveries.

Indio Yard (Material Yard) – No construction activities occurred during the subject period. Activities are limited to minor maintenance, implementation of BMPs, and material deliveries.

Indio 2 Yard (Material Yard) – No construction activities were conducted during the subject period. Activities are limited to minor maintenance, implementation of BMPs, and material deliveries.

Devers Yard (Material Yard) – No construction activities were conducted during the subject time period. Activities are limited to minor maintenance, implementation of BMPs, and material deliveries. Gravel in the yard is currently being dragged each day to prevent nesting bird activity in the yard.

Devers 2 Yard (Contractor Show-Up Yard) – No construction activities were conducted during the subject period. Activities are limited to minor maintenance, implementation of BMPs, temporary storage of construction equipment and materials, and worker vehicle parking.

Beaumont Yard (Material Yard) – No construction activities were conducted during the subject time period. Activities are limited to minor maintenance, implementation of BMPs, and material deliveries. Gravel in the yard is currently being dragged each day to prevent nesting bird activity in the yard.

Beaumont 2 Yard (Contractor Show-Up Yard) – No construction activities were conducted during the subject period. Activities are limited to minor maintenance, implementation of BMPs, temporary storage of construction equipment and materials, and worker vehicle parking.

Menifee Yard (Contractor Show-Up Yard) – No construction activities were conducted during the subject period. Activities are limited to minor maintenance, implementation of BMPs, temporary storage of construction equipment and materials, and worker vehicle parking. Gravel in the yard is currently being dragged each day to prevent nesting bird activity in the yard.

Perris Yard (Contractor Show-Up Yard) – No construction activities were conducted during the subject period. This yard is not currently being utilized.

**Environmental Compliance:**

- Biological sweeps of the construction yards were conducted by the SCE Biological Monitors throughout the subject period.
- CPUC EMs observed adequate measures, including bird netting, secondary containment, and BMPs in place at all construction yard locations.
- On March 26, the CPUC EM noted that the privacy screening on the west fence of the Desert Center 1 Yard was in need of repairs (see Figure 9).

No Non-Compliance Reports or Project Memoranda were issued during the subject period for Construction yard activities. Non-Compliance activities for the project to date are summarized in Table 4.

**Agency Representatives during Construction (Other than CPUC EMs):**

None.

## CPUC/BLM NOTICES TO PROCEED (NTPS)

Table 1 summarizes the CPUC/BLM Notices to Proceed (NTPs) for the DPV2 and Red Bluff Projects, to date.

**TABLE 1**  
**NTPs**  
(Updated 04/18/12)

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
<b>CPUC NTPs</b>				
NTP #1	04/28/11	06/23/11	Yards	Authorization to proceed with the development of the Devers, Desert Center 1, Desert Center 2, Summit, Blythe, Perris, Beaumont, and Menifee Construction Yards.
NTP #2	08/05/11	09/09/11	T/L	Installation of exclusionary fencing, Devers to Blythe. No cultural resources affected. Bio pending.
NTP #3	08/26/11	09/19/11	Yards	Construction of Beaumont Construction Yard #2.
NTP #4	09/09/11	09/20/11	Yards	Construction of Indio Construction Yard.
NTP #5	09/16/11	10/11/11	Red Bluff Distribution Line	Upgrades to a segment of the existing SCE 12 kV circuit overhead distribution line to supply light and power to the Red Bluff Substation, non-BLM lands.
NTP #6	09/16/11	10/17/11	Substation	Authorization to proceed with improvements to the new Colorado River Substation on private lands, including extension of the existing 33 kV distribution line, installation of a new telecommunication line, and access road improvements.
NTP #7	09/09/11	12/01/11	T/L – DPV1	Construction activities associated with a minor relocation of the Devers-Valley No. 1 Line (DV1).
NTP #8	10/08/11	12/02/11	T/L – CRS to Red Bluff	Construction of the DPV2 transmission line between Red Bluff and Colorado River Substations and replacement of existing DPV1 overhead ground wire; non-BLM lands.
NTP #9	10/08/11	12/02/11	T/L – Devers to Red Bluff	Construction of the DPV2 transmission line between the existing Devers Substation and the new Red Bluff Substation; non-BLM lands.
NTP #10	10/08/11	12/02/11	T/L – Devers to Valley	Construction of the DPV2 transmission line between existing Devers and Valley Substations; not including San Bernardino National Forest lands.
NTP #11	11/08/11	12/10/11	Yards	Construction of Devers 2 and Indio 2 Construction Yards.
NTP #12	01/20/12	02/03/12	Yards	Construction of Desert Center 3 Construction Yard.
	04/12/12	Under Review	Substation	Devers Substation upgrades
<b>BLM NTPs</b>				
BLM NTP #1	08/26/11	09/19/11	DPV2 Substation, T/L	Authorization to proceed with construction of the DPV2 Transmission Line, Colorado River Substation, and associated project components on BLM lands.
BLM NTP #2	08/26/11	09/19/11	Substation	Construction of Red Bluff Substation and associated project components, BLM lands.

## VARIANCE & TEMPORARY EXTRA WORKSPACE REQUESTS

Variance Requests and Temporary Extra Workspace (TEWS) Requests submitted to date are summarized in Tables 2 and 3, respectively.

**TABLE 2**  
**VARIANCE REQUESTS**  
 (Updated 04/18/12)

Variance Request	Date Requested	Date Issued	Segment	Description
VR #1	05/06/11	05/24/11	Devers-Valley	Construction of traditional lattice towers instead of "Tetra" towers at two locations (Structures #1139 and #1140)
VR #2	04/21/11	05/26/11	All	Revisions to Mitigation Measure B-7d pertaining to seasonal restrictions for Coachella Valley fringe-toed lizard and flat-tailed horned lizard to support consistency with conditions provided in the Biological Opinion.
VR #3	07/12/11	07/18/11	DC 1 & DC 2 Yards	Utilize offsite well location and installation of 12,000-gallon water tank for filling trucks.
VR #4	07/06/11	07/21/11	Menifee Yard	Expansion of Menifee Construction Yard, which would include approximately 5 acres of additional disturbance within the western portion of the parcel, for material storage and other activities.
VR #5	04/22/11	07/28/11	CRS Devers and Valley Substations, Series Capacitor Site	Modification of APM A-7 regarding carpooling for construction at substations.
VR #6	07/07/11	08/01/11	Menifee, Beaumont, Perris Yards	Request to remove Mitigation Measures B-13a and B-13b, and to modify B-1a, B-1a (revised), and B-7e pertaining to Western Riverside County MSHCP compliance.
VR #7	08/11/11	08/22/11	Perris, Beaumont, Menifee, Blythe Yards	Request to utilize offsite water hydrants at Perris, Beaumont, Menifee, and Blythe Construction Yards.
VR #8	08/26/11	08/27/11	Beaumont Yard	Request to install seeded jute netting along the property frontage at Beaumont Construction Yard.
VR #9	08/24/11	09/01/11	DC 2 Yard	Request for installation of temporary power poles outside of Desert Center 2 Construction Yard.
VR #10	08/26/11	09/01/11	Devers & Summit Yards	Utilize offsite water locations needed for dust suppression at Devers and Summit Construction Yards.
—	09/21/11	Retracted	Perris Yard	Request for additional workspace involving vegetation clearing, installation of BMPs, and temporary driveway installation at Perris Construction Yard.
VR #11	09/26/11	09/28/11	T/L	Two water sources for exclusionary fencing work.

Variance Request	Date Requested	Date Issued	Segment	Description
VR #12	10/13/11	10/18/11	T/L	Request for parking/temporary staging of vehicles along existing access road within the Coachella Valley Preserve during exclusionary fencing activities.
VR #13	10/26/11	11/10/11	Devers Yard	Request for temporary power supply to provide power to construction trailer at the Devers #1 Construction Yard.
VR #14	11/10/11	11/28/11	Substation	Request for increased well pumping to support civil work, including access road improvements, at Colorado River Substation.
VR #15	12/13/11	12/14/11	Summit Yard	Request for temporary power outside yard boundaries required to power office trailers.
VR #16	12/22/11	01/04/12	Project-wide	Request to approve alternate/extended work hours project-wide.
VR #17	01/04/12	01/09/12	Project-wide	Request to utilize existing approved construction yard and/or exclusionary fencing water sources for transmission line construction needs.
VR #18	10/25/12 10/26/12	Denied 01/13/12	Substation	Request to formalize changes to the Red Bluff MMCRP Mitigation Measure BIO-4 and Applicant Measure BIO-5.
VR #19	01/06/12	01/18/12	T/L	Request to allow the usage of helicopter landing zone H9-DV as a replacement for H8-DV.
VR #20	01/13/12	01/19/12	T/L	Request for the use of offsite water hydrants located in the Cabazon area for dust suppression.
VR#21	01/20/12	02/02/12	T/L	Request for the use of offsite water hydrants located in the Lake Tamarisk area for dust suppression
VR #21 Mod	03/16/12	03/21/12	T/L	Modification to VR #21. Request installation of two driveways and an underground water line adjacent to the approved stand tank locations at the Lake Tamarisk Resort water source.
VR #22	01/25/12	02/02/12	T/L	Request to install 10,000-gallon standing water tanks at three locations.
VR #23	01/27/12	02/21/12	T/L	Request to modify NTP #10 and MM AQ-1g for additional t-line helicopter construction.
VR #24	02/08/12	02/21/12	T/L	Request for approval to purchase MWD water credits in lieu of Colorado River water credits due to the unavailability of water allotments within the Colorado River Basin.
VR #25	02/10/12	02/28/12	T/L	Request for use of existing DPV1 access roads and spur/stub roads for parking and staging of vehicles and equipment.
VR #26	03/09/12	03/16/12	Substation	Request for the use of offsite water source located on a private date farm.
VR #27	03/09/12	03/20/12	Substation	Request for the use of offsite water source located off Corn Springs Road.



Variance Request	Date Requested	Date Issued	Segment	Description
VR #28	03/22/12	03/30/12	T/L	DPV2 Gas Line Road.
VR #29	03/22/12	04/04/12	T/L	DVP1 minor relocation of outage pull sites.
VR #30	03/23/12	04/10/12	Substation	CRS pull sites.
	03/16/12	Under review	T/L	HLS H7-DV boundary modification.
	03/16/22	Under review	Substation	Red Bluff Loop-in pull site modifications.
	04/04/12	Under review	T/L	Request for a HLZ and temporary disturbance area shifts.
	04/06/12	Under review	Substation	Additional water sources @ Red Cloud Road, Red Bluff Substation.
	04/12/12	Under Review	T/L	Preconstruction survey extension request from 14 days to 30 days
<b>BLM</b>				
BLM #1	10/18/11	10/27/11	Substation	Request to install a temporary guard structure along the entrance of the existing transmission line access road for Colorado River Substation.
BLM #2	10/19/11	10/27/11	Substation	Request to approve 24-hour drilling operations at the CRS site.
DNA #1	10/27/11	12/07/11	Series Capacitor	Request for a slight expansion of the Series Capacitor site due to engineering conflicts.
DNA #2	12/21/11	02/01/12	Red Bluff	Request to install secondary well at Red Bluff Substation site.
BLM #3	01/24/12	02/28/12	Red Bluff	Rock Crushing
BLM #4	03/16/22	03/30/12	Substation	Red Bluff Loop-in pull site modifications.
BLM #6	03/23/12	04/10/12	Substation	CRS pull sites.
BLM #7	03/28/12	04/11/12	Substation	Request for HLZ (helicopter landing zone) at Red Bluff Loop-in Tower site RB1-2W.
DNA #3	04/04/12	04/17/12	Substation	Red Bluff Substation access road realignment.
	12/22/11	Under review	Series Capacitor	Request to relocate a portion of the Imperial Irrigation District distribution line located at the Series Capacitor site.
	02/01/12	Under review	T/L	Request for the addition of proposed helicopter construction and maintenance platforms to the description included in the Project Refinements 1 and 2 documents.
	03/05/12	Under review	Red Bluff Loop-ins	Request to revise road locations.
	03/22/12	Under review	T/L	DPV2 Gas Line Road.
	04/04/12	Under review	T/L	Request for a HLZ and temporary disturbance area shifts.

Variance Request	Date Requested	Date Issued	Segment	Description
	04/12/12	Under Review	Series Capacitor	Certain activities to be constructed within the footprint of the Series Capacitor bank
<b>USFS</b>				
USFS-1	03/15/12	Under Review	T/L	SBNF engineering modifications (revised disturbance areas).

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 04/18/12)

TEWS Request	Date Requested	Date Approved	Segment	Description
#1	07/20/11	07/27/11	Blythe Yard	Use of offsite hydrant and installation of water tank at location adjacent to Blythe Construction Yard
#2	07/28/11	08/04/11	Menifee Yard	Use of offsite hydrant, located along the frontage of the Menifee Construction Yard, and a flexible hose to supply water to a 4,000 gallon water truck.
#3	08/16/11	08/16/11	Menifee Yard	Revised use of offsite hydrant, located along the frontage of the Menifee Construction Yard, approximately 200 yards north of previously approved location.
—	09/06/11	Retracted	Devers Yard	Revised use of offsite hydrant, including installation of above ground pipeline and water towers.
#4	09/29/11	09/29/11	T/L	Use of parking areas along primary access road within 400-ft total distance exclusionary fencing locations with exception of sites within the Coachella Valley Preserve.

**NON-COMPLIANCES & INCIDENTS**

Table 4 provides a summary of reported non-compliance incidents.

**TABLE 4**  
**CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA**  
(Updated 04/18/12)

Type	Date Issued	Location	Description
<b>CPUC Project Memoranda (PM)</b>			
PM #1	10/28/11	CRS Dist. Line	Construction vehicles leaving marked disturbance limits at two locations along CRS distribution line.
PM #2	01/18/12	Tower 2649/ CR1-2W	DPV2 Construction contractor vehicle driving outside of the approved tower and access road disturbance area limits.
PM #3	03/08/12	Tower 1059 & 1060	Failure to comply with MM B-5 which requires that 300-foot buffers are established around active bird nests. Working within unapproved active nest buffers.

Type	Date Issued	Location	Description
PM #4	04/04/12	Tower 2515, 2520, & 2526	Impacts to desert pavement at Towers 2520 and 2526 by not implementing one of the approved methods stated in the revised Desert Pavement Plan. Impacts to desert tortoise habitat when a road was built near Tower 2515 that was not approved.
PM #5	04/18/12	Along the main access road near Red Bluff	Excessive fugitive dust observed on multiple locations along the main access road near Red Bluff Substation. Violation of MM AQ-1a.
<b>CPUC Non-Compliance Reports (NCR)</b>			
NCR #1	01/13/12	Project-wide	Unapproved removal of stick nests from DPV1 Transmission Line towers.

## CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

**TABLE 5**  
**CONSTRUCTION PROGRESS STATUS**  
(Updated 04/18/12)

Agency	Total	Released for Construction	Foundations Completed	Towers Erected	Wire Installed
Non Federal (CPUC)	350	70	17	0	0
Bureau of Land Management (BLM)	204	72	20	5	0
US Forest Service (SBNF)	12	11	0	0	0
Total	566	153	37	5	0

## PROJECT PHOTOGRAPHS



**Figure 1.** Assembly and erection completed at Tower 2650 and CR1-3W.



**Figure 2.** Grading activities nearly completed at Tower 2526. This location is specified for salvage in the Desert Pavement Plan, which was not considered prior to the completed grading work.



**Figure 3.** Filling rock gabions at the wet crossing along spur road to Towers RB1-5E and RB2-5E.



**Figure 4.** Foundation concrete pouring at Tower 1052.



**Figure 5.** Tower assembly at Towers 1062 and R2.



**Figure 6.** Intersection of ROW and north-south access roads where vehicles had traveled outside of defined road limits. Note new track marks created to right of photo.



**Figure 7.** Vegetation clearing, BMP installation, and some grading completed at Tower 1056 prior to site validation by CPUC EM.



**Figure 8.** View east from entrance to newly paved CRS primary access road.



**Figure 9.** Damaged privacy screening along west fence of Desert Center 1 Construction Yard.