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## PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

**To:** Billie Blanchard, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** September 6, 2012  
**Subject:** Weekly Report 57, August 13 to August 19, 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 Goodman, Jamie Miner, and Scott Debauche

### TRANSMISSION LINE CONSTRUCTION

#### Summary of Activity

1. Colorado River Substation (CRS) to Red Bluff Substation
  - Installation of BMPs occurred at Towers 2537, 2543, and 2649, at Wire Sites 88, 89, 90, 91, and 103, and at the Pull Sites for Towers CR1-1W, and CR1-2W.
  - Vegetation clearing occurred at Towers 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, and 2647, at Wire Sites 88, 89, 90, 91, and 92, and at the Pull Sites for Towers 2649 and CR1-2W.
  - Spur road and/or crane pad grading occurred at Towers 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2649, at Wire Sites 88 and 103, and at the Pull Sites for Towers 2649, CR1-1W, and CR1-2W.
  - Tower foundation drilling activities occurred at Towers 2600, 2632, 2633, 2634, 2635, 2638, 2639, 2640, and 2641.
  - Tower foundation concrete pouring activities occurred at Towers 2572, 2574, 2575, 2576, 2577, 2600, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, and 2639.
  - Tower assembly and/or steel deliveries occurred at Tower 2534, 2535, 2538, 2629, and 2633.
  - Wire stringing activities occurred at Towers 2652, 2653, and CR1-1E (see Figure 1).
2. Red Bluff Substation to Devers Substation
  - Installation of BMPs occurred at Towers 2257, 2261, 2269, 2305, 2312, 2340, 2415, and 2416.



- Vegetation clearing occurred at Towers 2414 and 2415, at Helicopter Landing Zones (HLZ) H1E and H4.
- Spur road and crane pad grading occurred at Towers 2235, 2242, 2244, 2265, 2269, 2414, 2415, 2416, 2507, and HLZ H1E (see Figure 2).
- Tower foundation drilling activities occurred at Towers 2264, 2305, 2306, 2313, 2316, 2320, 2321, 2324, 2325, 2326, 2332, 2339, 2340, 2345, 2346, 2347, 2456, 2500, and 2501.
- Tower foundation concrete pouring activities occurred at Towers 2263, 2264, 2266, 2267, 2305, 2306, 2313, 2314, 2316, 2320, 2321, 2332, 2339, 2340, 2456, 2500, 2501, 2502, 2526, 2631, 2632, 2633, 2634, and 2639.
- Tower assembly and/or steel deliveries occurred at Towers 2112, 2113, 2116, 2117, 2137, 2201, 2202, 2203, 2205, 2206, 2207, 2208, 2209, 2210, 2242, 2231, 2235, 2236, 2239, 2242, 2243, 2247, 2248, 2249, 2304, 2305, 2306, 2313, 2328, 2329, 2330, 2331, 2333, 2334, 2335, 2336, 2337, 2338, 2427, 2428, 2429, 2432, 2433, 2435, 2436, 2437, 2438, 2439, 2441, 2442, 2445, 2448, 2453, RB2-1W, RB2-3E, RB2-4E, and RB2-5E (see Figure 3).
- Road maintenance activities were conducted between Tower 2509 and Eagle Mountain Road, between Chiriaco Summit and HLZ H4, and at several locations along Gasline Road.
- Shaker plates were removed at intersections of paved public roads and the ROW at Rio Del Sol, Palm Drive, Thumb Drive, and Tower 2004.

### 3. Devers Substation to Valley Substation

#### Non-USFS Land

- Installation of BMPs occurred at Towers 1018, 1090, 1101, 1135, 1137, 1140, 1154 and HLZ H9.
- Installation of perimeter fencing occurred at HLZ H1X and H1A.
- Vegetation clearing occurred at Towers 1018, 1019, 1036, 1050, 1135, 1137, and 1136.
- Spur road and crane pad grading occurred at Towers 1018, 1019, and 1140.
- Rock clearing and micropile foundation preparation occurred at Towers 1032, 1033, 1034 and 1035 (see Figure 4).
- Tower assembly and/or steel deliveries occurred at Towers 1029 and 1031.
- Stephen's kangaroo rat exclusionary fencing was installed at Towers 1100 and 1133 (see Figure 5).
- Shaker plates were removed at intersections of paved public roads and the ROW at Snow Creek Road, Esperanza Ave., Orange St., White Water, Tipton, 16<sup>th</sup> Ave., Diablo Road, Worsley Road, Seely Road, and Dillon Road.

#### USFS Land

- Rock clearing and micropile foundation preparation occurred at Tower 1037.

### **Environmental Compliance**

- Per the requirements of the Paleontological Monitoring and Treatment Plan, approved paleontological monitors were present during grading and foundation drilling activities where required throughout the subject period.
- The CPUC EMs confirmed that approved desert tortoise Authorized Biologists were available at all applicable sites.

- A Stephen's kangaroo rat Qualified Biologist was present during the installation of exclusionary fencing at Tower 1100 and 1133.
- Three incidents associated with project activities outside of approved project disturbance limits were reported during the subject period.
  - On August 14, the CPUC EM observed the contractor's A-Star Helicopter N569KB parked outside of the ROW boundaries near Tower 1035. The CPUC requested flight tracks for this helicopter the same day to confirm this sighting. The flight tracks were provided by SCE on August 22 showing the helicopter parked outside of ROW boundaries from 0835 until 1010 to observe weather conditions. SCE has indicated that pilots have been reminded to not land outside of authorized landing zones.
  - On August 14, a Biological Monitor observed a semi-truck pull off the access road into desert tortoise habitat near Tower 2326. The driver informed the Biological Monitor that he was attempting to turn around and got stuck (see Figure 6). The monitor explained to the driver that he was not allowed to pull off the approved access road and this incident would result in a non-compliance. The driver stated that he was unaware that he could not drive off the access road and did not have the DPV2 WEAP sticker on his hard hat. Stakes with red flagging were installed in this area to avoid any future incidents. The CPUC EM sent an email to SCE on August 20 asking if the driver had a spotter to assist him and if the driver had been re-trained, which was a corrective action condition stated in NCR #8. To date, SCE has not provided a response.
  - On August 16, a Biological Monitor observed a crane drive outside of the access road boundaries while exiting Tower 2205 within the Coachella Valley Preserve in Coachella Valley fringe-toed lizard critical habitat (see Figure 7). The crane had driven four feet over the berm and travelled approximately 20 feet while being off of the ROW. The Biological Monitor honked at the crane driver prior to the crane going over the berm, but the driver did not stop. The Biological Monitor notified the SCE Field Contact Representative (FCR) and the FCR discussed the incident with the driver. The CPUC EM sent an email to SCE on August 18 and again on August 20 inquiring if the driver had a spotter to assist him and if the driver had been re-trained, which was a corrective action condition stated in NCR #8. To date, SCE has not provided a response.
- During the subject period, three non-reportable spills of hydraulic fluid and power steering fluid occurred. Proper remedial efforts were implemented.
- There was one reported incident associated with working without a Biological Monitor present during the subject period.
- There were four reported incidents associated with improper implementation of SWPPP conditions, including inadequate BMP maintenance/repairs, improper BMP installation, and secondary containment during the subject period. Additionally, the CPUC EM observed an uncontained gasoline can at Tower 2637 on August 16 (see Figure 8).
- There were two reported incidents of crews not checking under their tires for wildlife during the subject time period.
- On August 17, the CPUC EM observed a water truck using an approved alternate access route near Tower 2526; however, a biological sweep had yet to be conducted along that portion of the road. The CPUC EM notified the SCE Environmental Coordinator (EC).
- On August 16, avian specialists observed two adult and two juvenile California gnatcatchers foraging near Tower 1131. SCE notified the BLM and the CPUC, and has put construction on hold at Tower 1131 as they evaluate the extent of the now occupied habitat.

No Non-Compliance Reports or Project Memoranda were 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) – Activities associated with the development of the CRS site included excavating footings for the MEER building, trenching for grounding work, and finishing of the wall panels. Equipment and materials associated with the Package 2 construction phase continued to be mobilized and staged. Storm damage repairs were conducted along the CRS 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) – Activities associated with the expansion of the existing Series Capacitor site included grounding well construction, foundation work, completing relocation of the IID distribution line, and connection of the SCE and IID sections of the distribution line. Steel delivery and erection of tower structures within the capacitor limits continued.
4. Red Bluff Substation (BLM Lands) – Activities that were conducted at the Red Bluff site included ongoing grading of cut and fill areas, installation of drainage structures, rock crushing of native fill, and erection of the perimeter wall. Well development, involving pumping of the well, continued throughout the subject period. Activities that were conducted along the primary access road between Corn Springs Road and the substation eastern entrance included grading, installation of gravel road base, and culvert and drainage improvements. BMP installation and maintenance continued, as required.
5. Devers Substation (Private Lands) – Activities that were conducted for the Devers Substation expansion and upgrades included grading and soil import to the expansion area. Within the northern portion of the existing substation trenching to remove and replace the old waterline continued (see Figure 9).
6. Valley Substation (Private Lands) – Activities included drilling and pouring concrete for the circuit breakers and disconnect switch foundations.

**Environmental Compliance**

- SCE General, Biological, and Archeological Monitors were onsite, as appropriate, throughout all construction activities associated with CRS, the Red Bluff Substation, Devers Substation, Valley Substation, and the Series Capacitor sites.
- There was one reported incident associated with excessive vehicle/equipment speeds along the CRS access road during the subject period.
- There was one reported incident associated with improper secondary containment at Devers Substation during the subject period.
- On August 19, the CPUC EM observed several Environmentally Sensitive Area (ESA) locations along the CRS access road where exclusionary fencing was damaged (see Figure 10). The CPUC EM notified the SCE EC and was assured that a crew would be scheduled to conduct the necessary repairs.

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:**

- SCE Biological Monitors conducted biological sweeps at all construction yards throughout the subject period.
- There was one incident associated with proper disposal of trash and construction debris at the yards reported by SCE during the subject period.

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 09/06/12)

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.
NTP #13	04/12/12	05/09/11	Substation	Devers Substation upgrades
NTP #14	06/13/12	06/20/12	Substation	Valley Substation upgrades
	06/19/12	Under Review	T/L- Devers to Valley	H10- Helicopter Landing Zone

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
	07/16/12	Under Review	Substation	Colorado River Substation to Blythe South East Telecommunication Route
<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

Table 2 presents Variance Requests submitted to CPUC, BLM and/or USFS for review and approval. Table 3 presents CPUC Temporary Extra Workspace (TEWS) and BLM Level 1 requests that are submitted to the CPUC EMs for review and approval. Variance Requests and CPUC TEWS/BLM Level 1 requests submitted to date are summarized in Tables 2 and 3, respectively.

**TABLE 2**  
**VARIANCE REQUESTS**  
(Updated 09/06/12)

Variance Request	Date Requested	Date Issued	Segment	Description
<b>Private Lands (CPUC Jurisdiction)</b>				
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.

Variance Request	Date Requested	Date Issued	Segment	Description
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.
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 #15 Mod	04/25/12	05/02/12	Summit Yard	Request for temporary power modification.
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



Variance Request	Date Requested	Date Issued	Segment	Description
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.
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.
VR #31	04/24/12	05/05/12	T/L	Helicopter landing zone H2 disturbance area revision
VR #32	03/16/12	05/08/12	T/L	HLS H7-DV boundary modification.
VR #33	04/26/12	05/17/12	T/L	Additional water hydrant locations
VR #35	05/11/12	05/15/12	Substation	Request to eliminate construction screening of the Devers Substation Expansion area.
VR #36	05/17/12	05/29/12	T/L	Three additional water stand tanks from Devers to Red Bluff
VR #37	06/20/12	06/30/12	T/L	Request a disturbance area shift for Tower 1013 due to engineering changes.
VR #38	08/09/12 Revised	08/21/12	T/L	Request for additional water source locations in the Thousand Palms area.
VR #39	08/14/12	09/05/12	T/L	Request for additional access road use near Towers 2103, 2112, and 2260.
—	04/12/12	Retracted	T/L	Preconstruction survey extension request from 14 days to 30 days. Petition for Modification required.
—	08/09/12 revised	Retracted	T/L	APM A-6 - Eliminate tarping on bottom dump trucks. Petition for Modification required.
	08/14/12	Under Review	T/L	Request for a road to be used as a helicopter picking site near Tower 1031.
	08/14/12	Under Review	T/L	Request that Helicopter Landing Zones (HLZs) on Devers to Valley be exempt from construction screening MM V-1a.

Variance Request	Date Requested	Date Issued	Segment	Description
	08/22/12	Under Review	T/L	Request for the use of an existing spur road to Tower 2242.
<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.
BLM #3	01/24/12	02/28/12	Red Bluff	Rock Crushing
BLM #4	03/16/12	03/30/12	Substation	Red Bluff Loop-in pull site modifications.
BLM #5	03/22/12	05/18/12	T/L	DPV2 Gas Line Road.
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.
BLM #8	04/06/12	05/16/12	Substation	Additional water sources @ Red Cloud Road, Red Bluff Substation.
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.
DNA #3	12/22/11	05/24/12	Series Capacitor	Request to relocate a portion of the Imperial Irrigation District distribution line located at the Series Capacitor site.
DNA #4	02/01/12	05/24/12	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.
DNA #5	03/05/12	05/22/12	Red Bluff Loop-ins	Request to revise road locations.
DNA #6	04/04/12	04/17/12	Substation	Red Bluff Substation access road realignment.
DNA #7	04/12/12	05/22/12	Series Capacitor	Certain activities to be constructed within the footprint of the Series Capacitor bank.
DNA #8	05/02/12	07/31/12	T/L	Additional access route between Towers 2528X and 2527.
DNA #9	05/19/12	06/15/12	CRS	Request for a permanent turning radius along the CRS access road.
DNA #9	06/04/12	06/15/12	CRS	300-foot driveway along the CRS access road.
DNA #11	07/02/12	07/31/12	T/L	A Level 2 Variance request for a disturbance area shift at Tower 1013 due to engineering changes. This tower is located on BLM land.
—	07/24/12	Retracted	T/L	APM A-6 - Eliminate tarping on bottom dump trucks
	04/04/12	Under review	T/L	Request for a HLZ and temporary disturbance area shifts near CRS.

Variance Request	Date Requested	Date Issued	Segment	Description
	06/18/12	Under Review	Substation	Request to build a telecom site near Desert Center for Red Bluff Substation
	07/30/12	Under Review	Substation	DNA for Colorado River Substation Telecommunication Distribution Line
<b>USFS</b>				
USFS-1	03/15/12	03/20/12	T/L	SBNF engineering modifications (revised disturbance areas).

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 09/06/12)

TEWS Request	Date Requested	Date Approved	Segment	Description
<b>CPUC</b>				
#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.
#5	07/13/12	07/17/12	T/L	Request to use two existing access roads near Tower 1118 and 1119.
#6	07/31/12	08/03/12	T/L	Request to use an existing access road to Tower 1122
#7	08/01/12	08/03/12	T/L	Request to use an existing access road to H9
<b>BLM</b>				
Level 1 #1	06/06/12	06/11/12	Red Bluff Loop In	RB1-4E disturbance area shift.
Level 1 #2	07/12/12	08/06/12	T/L	Request for two stand tank locations. Received revised request from SCE on 08/06/12.

## NON-COMPLIANCES & INCIDENTS

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

**TABLE 4**  
**CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA**  
 (Updated 09/06/12)

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.
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.
PM #6	05/08/12	Along the T/L access roads	Construction vehicles observed driving off the approved access road limits at various locations along the T/L.
PM #7	06/01/12	Near Tower 2317	Two stand tanks were installed in an area that was not approved for the Project along the access road near Tower 2317.
PM #8	06/01/12	Along the access road near Tower 2310	Road base was installed along a portion of the access road to protect the utility crossing south of Tower 2310. This work was completed prior to the pre-construction verification and release of this road from the CPUC.
PM #9	06/19/12	Tower 2126	Inadequate covering of foundation excavations at Tower 2126. Violation of BO-13.
<b>CPUC Non-Compliance Reports (NCR)</b>			
NCR #1	01/13/12	Project-wide	Unapproved removal of stick nests from DPV1 Transmission Line towers.
NCR #2	05/18/12	Tower 2333	Failure to protect wildlife during construction which resulted in the death of a kit fox.
NCR #3	06/04/12	Near Tower 2310	Road base was installed at two locations along the access road to protect the utility crossings near Tower 2310. This work was completed prior to the pre-construction verification and release of this road from the CPUC.
NCR #4	07/02/12	Near 2303X	Road base installed along a portion on a road not approved for the Project.
NCR #5	07/02/12	Near 2204 and 2205	Project equipment drove outside the approved road width along the access road near Towers 2204 and 2205. These towers are located within the Coachella Valley Preserve.

Type	Date Issued	Location	Description
NCR #6	07/06/12	Near Tower 1083	Project equipment drove outside the existing road width along the access road near Tower 1083.
NCR #7	07/12/12	Tower 2437	Inadequate covering of a foundation excavation at Tower 2437. Violation of BO-13.
NCR #8	07/23/12	Near Tower 2604	Project equipment drove outside the approved road limits along Chuckwalla road west of Tower 2604.
NCR #9	08/28/12	Tower 2644	Construction work conducted outside the approved project limits.

## CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

**TABLE 5**  
**CONSTRUCTION PROGRESS STATUS**  
(As of 09/01/12)

Agency	Total	Released for Construction	Foundations Completed	Towers Erected	Wire Installed
Non Federal (CPUC)	350	267	210	64	0
Bureau of Land Management (BLM)	204	198	156	39	0
US Forest Service (SBNF)	12	12	0	0	0
<b>Total</b>	<b>566</b>	<b>477</b>	<b>366</b>	<b>103</b>	<b>0</b>

## PROJECT PHOTOGRAPHS



**Figure 1.** Wire stringing activities occurring at the CRS loop-in tower sites.



**Figure 2.** Grading at HLZ H1E.



**Figure 3.** Assembly/erection activities occurring at Tower 2435.



**Figure 4.** Rock clearing and micropile foundation preparation at Tower 1033.



**Figure 5.** Installation of Stephen's kangaroo rat exclusionary fencing at Tower 1133.



**Figure 6.** Semi-truck drove off the approved access road in desert tortoise habitat while attempting to turn around near Tower 2326.





**Figure 7.** Impacts where a crane drove outside of the access road boundaries at Tower 2205.



**Figure 8.** Gasoline can with no secondary containment at Tower 2637.



**Figure 9.** Trenching for a new waterline in the northern portion of the Devers Substation.



**Figure 10.** Damaged ESA fencing along the CRS access road.