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## PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

**To:** Billie Blanchard, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** August 27, 2012  
**Subject:** Weekly Report 53, July 16 to July 22, 2012 (revised)

### 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
  - BMPs were installed at Towers 2537, 2561, 2616, 2635, 2637, 2638, 2639, 2642, 2643, and 2645.
  - Vegetation clearing occurred at Towers 2554, 2556, 2564, 2566, 2602, 2603, 2607, 2608, 2609, 2610, 2615, 2616, 2620, 2621, 2622, 2626, 2627, 2628, 2631, and 2632.
  - Spur road and crane pad grading occurred at Towers 2561, 2572, 2573, 2574, 2575, 2576, 2577, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2617, 2618, and 2622.
  - Tower foundation drilling activities occurred at Towers 2538, 2539, 2540, 2541, 2542, 2544, 2545, 2546, 2547, 2549, 2550, 2552, 2553, 2601, 2602, 2603, 2604, 2605, 2606, and CR1-4W.
  - Tower foundation concrete pouring activities occurred at Towers 2535, 2536, 2538, 2539, 2540, 2541, 2542, 2544, 2545, 2546, 2547, 2549, 2550, and 2601.
  - Tower assembly and/or steel deliveries occurred at Towers 2536, 2544, 2545, 2653, and CR1-1E.
  - Shaker plates, trench plates, and/or rock base were installed at several locations at entrances to the right-of-way (ROW) along Chuckwalla Road east of Corn Springs Road.
2. Red Bluff Substation to Devers Substation
  - BMPs were installed at Towers 2109, 2116, 2117, 2234, 2268, 2301, 2334, 2345, 2346, 2347, 2350, 2400, 2401, 2404, 2431, and 2440.



- Vegetation clearing occurred at Towers 2268, 2301, 2404, 2430, 2431, 2434, 2439, 2440, 2447, and 2502.
- Desert pavement salvage occurred at Towers 2404, 2440, and 2502.
- Spur road and crane pad grading occurred at Towers 2219, 2220, 2224, 2234, 2235, 2236, 2237, 2244, 2301, 2304, 2306, 2400, 2430, 2431, 2434, 2439, 2440, 2455, and 2502.
- Tower foundation drilling activities occurred at Towers 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2239, 2240, 2241, 2243, 2246, 2353, 2444, 2446, 2448, 2449, 2451, 2452, 2453, 2454, 2455, and 2456.
- Tower foundation concrete pouring activities occurred at Towers 2015, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2435, 2437, 2438, 2442, 2444, 2446, 2448, 2449, 2450, 2451, 2452, 2538, 2541, 2542, and 2551.
- Tower assembly and/or steel deliveries occurred at Towers 2101, 2102, 2103, 2104, 2106, 2107, 2122, 2123, 2124, 2125, 2126, 2127, 2214, 2216, 2218, 2323, 2336, 2344, 2352, 2353, 2402, 2428, 2447, 2449, 2451, 2512, 2513, 2514, 2518, 2520, 2522, 2523, RB1-5E, RB2-5E, and RB2-1W (see Figure 1).
- Shaker plates, trench plates, and/or rock base were installed at ROW entrance locations near Chiriaco Summit, Red Cloud, and Eagle Mountain Roads.
- Exclusionary fencing for Coachella Valley Fringe-toed lizard was repaired at Tower 2102.

### 3. Devers Substation to Valley Substation

#### Non-USFS Land

- Installation of BMPs occurred at Tower 1110, 1138, 1139, 1140, 1145, and 1148.
- Vegetation clearing occurred at Towers 1110 and 1111.
- Topsoil salvage for special status plants and/ or vegetation communities occurred at Tower 1111.
- Spur road and crane pad grading occurred at Tower 1110 and 1111(see Figure 2).
- Tower assembly and steel deliveries occurred at Tower 1010, 1011, 1020, 1029, and 1030 (see Figure 3).

#### USFS Land

- No construction activities occurred during the subject time period.

### **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.
- Coachella Valley fringe-toed lizard Authorized Biologists conducted biological sweeps for Coachella Valley fringe-toed lizards prior to construction at all applicable tower sites and were available at all applicable sites.
- Four incidents associated with driving outside of approved project disturbance limits were reported during the subject period.
  - On July 18, the SCE Biological Monitor observed a tire track within an Environmentally Sensitive Area (ESA) exclusionary area for soil salvage at Tower 2352. The materials used to delineate

the ESA were damaged from vehicle impact. The incident had occurred despite the SCE Biological Monitor notifying the crews of the ESA locations and reminding them to avoid these areas. No impacts to resources occurred. The SCE Biological Monitor notified the Construction Foreman and the SCE Field Contact Representative (FCR) of the incident and reiterated to the crew the importance of ESA avoidance. At the time that this weekly report was prepared, SCE has not provided information detailing how this issue was fully resolved.

- On July 19, a PAR subcontractor (JD Reed) unloaded a drill rig near the ROW entrance to Tower 2604 along Chuckwalla Road. The drill rig was then escorted by an SCE Biological Monitor to Tower 2601. After the SCE Biological Monitor and other associated escort vehicles had left the location, the transport vehicle operator backed the approximately 50-foot long “low-boy” trailer off the northern shoulder of Chuckwalla Road two times and then proceeded to become stuck in the soft sand along the southern shoulder. A water truck was being used to extract the trailer from its position when the CPUC EM, the SCE General Monitor, and the Kenny Construction Coordinator arrived onsite. It was undetermined whether or not the vehicle operator had received project WEAP training because he fled the scene upon being approached by compliance personnel. The incident resulted in multi-wheeled tracks extending approximately 40-50 feet and impacting roughly 0.106 acre of desert tortoise habitat and 200-300 square feet of poorly developed desert pavement surface (see Figure 4). Consequently, the CPUC issued NCR #8 on July 23.
- On July 19, the SCE Biological Monitor observed a PAR truck pull off the side of the access road and into a biological ESA site near Tower 2518. Upon discussion the driver of the vehicle stated that he had not seen the signs for the ESA. As a resolution, PAR has dispatched a road sign crew to maintain and update ESA and road signage along the ROW access road.
- On July 20, the SCE Biological Monitor observed a security guard driving over the berm on the edge of the access road near tower 2124 to allow the Monitor to pass. The security guard moved the vehicle back to within the limits of the access road when instructed by the Monitor, but indicated he was unaware that staying on the road was a compliance issue. An approximately 3'x 6' impact including tire tracks with no impact to vegetation was observed.
- Two incidents associated with inadequate covering of open excavations were reported during the subject period.
  - On July 20, the SCE Biological Monitor observed an excavation cover that had been displaced resulting in inadequate protection at Tower 2236. Although the cause of the cover displacement was unidentified, the Construction Foreman for the Warren James crew was notified and that crew was very cooperative in repairing the excavation cover. No wildlife were observed within the excavation as a result of the approximately 5-inch by 12-inch opening that occurred during the displacement. NCR #7 (issued on July 12) addressed issues related to inadequate covering of foundation/excavation holes. Consequently, SCE has instructed Monitors to increase the non-compliance reporting to a higher level of severity for future incidents.
  - On July 21, the SCE Biological Monitor placed a temporary hold on work due to excavation hole covers at Tower 2550 that had been damaged from intensive watering, resulting in openings that wildlife could enter beneath the steel plates. Prior to repairs, the SCE Biological Monitor coordinated with the SCE Biological Field Lead and construction foreman to conduct an inspection of the foundations. Upon determining that no wildlife had entered the foundations, the covers were properly repaired.
- On July 17, 20, and 21, it was reported or observed by the CPUC EM that construction personnel entering work sites prior to a biological sweep. At the time that this weekly report was prepared, SCE has not provided the CPUC with information detailing how these incidents were resolved.
- There were three reported incidents of excessive speeds along access roads during the subject reporting period.

- There were two reported incidents of inadequate BMP implementation during the subject reporting period. A BMP maintenance crew is currently conducting repairs and replacement of BMPs throughout the ROW, where required.
- There were two reported incidents associated with implementation of secondary containment during the subject period.
- There were three reported incidents associated with proper disposal of trash and construction debris during the subject period.
- There were three reported incidents associated with excessive track-out during the subject period.
- On July 17, the CPUC EM observed a crane and forklift staged at the intersection of Hayfield and Gasline Roads (see Figure 5). Although the roads in this area are approved for project access, they are not authorized for staging of equipment. The CPUC EM notified the SCE Environmental Coordinator (EC) and it was confirmed that the equipment was removed the following morning.
- On July 17, the SCE General Monitor observed the concrete pouring crew at Tower 2227 working at night with inadequate lighting. According to the SCE General Monitor, the crew was using vehicle headlights to illuminate the work area rather than light stands that are required under the Construction Lighting Plan for the project. Since this incident, the Final Lighting Plan has been approved and SCE and the contractor have notified the construction crews that appropriate lighting must be implemented per the conditions of the Plan when night time work is required.
- There were two reported incidents associated with backhoe operations: 1) An operator did not conduct an inspection for wildlife underneath the equipment prior to moving, and 2) an operator was idling for 15-20 and continued to idle after a reminder. At the time that this weekly report was prepared, SCE has not provided the CPUC with information detailing how these incidents were resolved.
- On July 19, the SCE Biological Monitor observed excessive dust resulting from drilling activities at Tower 2601. The SCE Biological Monitor mentioned the dust concerns to the crew Foreman. In response, the crew began removing soil from the drill site at a much lower speed and closer to the ground. Additionally, a PAR crew member began spraying additional water at the foundation site.
- On July 19, the CPUC EM noted that an SCE Biological Monitor was not onsite during construction activities associated with the installation of shaker plates and rock base at the entrance of the ROW for Tower 2552. The CPUC EM was informed by the SCE Biological Monitor working with another road crew approximately two miles west that she was monitoring both crews. The CPUC EM contacted the SCE FCR to address the issue and a second biologist was dispatched immediately. All construction activities at the site without a Monitor were halted until the second Monitor arrived.
- On July 19, the SCE Biological Monitor observed a contractor delivery truck drove to Tower 1011 via an unauthorized access road. The driver was informed that he drove on an unauthorized access road and that he must pay attention to the green and red stakes along the access roads. No impacts to biological resources were observed.
- On July 21, the SCE General Monitor reported that a member of the soil testing crew at Tower 2234 had worked at the site without the required WEAP training. At the time that this weekly report was prepared, SCE has not provided the CPUC with information detailing how this incident was resolved.

No Non-Compliance Reports or Project Memoranda were issued during the subject period for Transmission Line Construction 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 the closeout of grading and the ongoing installation of drainage structures, wall panels, and jute netting. Grading activities were conducted along the access road entrance near Wiley’s Well Road (see Figure 6). Mobilization of equipment and materials associated with the Package 2 construction phase were initiated (see Figure 6). The removal of BMPs along the completed access road was initiated during the subject period.
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 site grading, ground wire trenching, foundation construction, and relocation of the existing Imperial Irrigation District (IID) distribution line.
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, and rock crushing of native fill. 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 access road included grading, installation of gravel road base, and culvert and drainage improvements (see Figure 7). Mobilization activities associated with the Package 2 construction phase were initiated. 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 began.
6. Valley Substation (Private Lands) – Activities included mobilizing the contractor to the site, setting up equipment and containment areas, setting up BMPs, and clearing gravel from the work area (see Figure 8).

### **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.
- On July 16, the SCE Biological Monitor reported that a vehicle had passed the monitor’s vehicle along the CRS access road while the monitor’s vehicle was going 25 mph. The incident was addressed during the subsequent tailboard meeting.
- On July 19, the CPUC EM was informed that Cattrac Construction is requiring all new construction vehicles to be escorted along the Red Bluff access road in an effort to maintain project speed limits. Subsequently, the CPUC EM observed this practice in action soon after as a construction buggy was escorting several haul trucks east on the access road (see Figure 9).
- On July 19, a member of a crew conducting civil survey work at the Series Capacitor site pulled off the access road and over a berm to allow oncoming traffic to pass. The SCE Biological Monitor confirmed that the survey worker had been WEAP trained. As a result of this incident, a stand down took place during lunchtime and the SCE Biological Monitor, SCE Biological Field Lead, and ULM Construction Foreman stressed the importance of driving within project disturbance limits.
- On July 19, an SCE General Monitor observed a small leak from a dozer outside the Devers Substation on the side of the access road. Approximately 12 ounces of hydraulic fluid was spilled. The SCE General Monitor informed the substation site representative. The contractor onsite properly cleaned up the spill. The CPUC EM conducted a site visit this same day and found all activities to be in compliance.

- On July 20, the CPUC EM observed a plastic trash bag tied to the side of a portable outhouse facility along the Red Bluff access road. The CPUC EM notified the SCE FCR about the observation. Upon returning to the site later in the subject period, the CPUC EM noted that an appropriate trash receptacle with a latching lid had been placed at the location.
- The CPUC EM conducted a site visit to the Valley Substation on July 20 and found all activities to be in compliance.

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 con-

struction 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.
- Invasive weeds were reported by the SCE Biological Monitor at the Indio 2, Chiriaco Summit, and Blythe Yards during the subject period. Consequently, PAR has indicated that new personnel will be added to the project to ensure that compliance measures are implemented at yard locations.
- On July 16, the SCE Biological Monitor observed trash, including plastic ice bags, empty water bottles, and plastic wrapping, scattered throughout the Desert Center 1 Yard. The SCE Biological Monitor notified a representative from Greenstone. The Greenstone representative immediately picked up the majority of the trash, but numerous plastic bags remained between pallets on the ground. Consequently, PAR has indicated that new personnel will be added to maintain compliance at the construction yards.
- On July 17, the SCE General Monitor observed graffiti still present on the block wall along the southern boundary of the Perris Yard (see Figure 10). The contractor confirmed on July 27 that the graffiti was removed.
- On July 18, the SCE General Monitor reported torn secondary containment within the equipment storage area at the Indio 1 Yard. The SCE General Monitor notified a Kenny representative and the issue was resolved immediately.

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 08/21/12)

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 Meniffee 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 #/ Permit	Date Requested	Date Issued	Segment	Description
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
	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 08/21/12)

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.
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.

Variance Request	Date Requested	Date Issued	Segment	Description
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
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.

Variance Request	Date Requested	Date Issued	Segment	Description
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.
	04/12/12	Under review	T/L	Preconstruction survey extension request from 14 days to 30 days. Petition for Modification required.
	08/09/12 revised	Under Review	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.
	08/14/12	To CPUC	T/L	Request for additional access road use near Towers 2103, 2112, and 2260.
<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.

Variance Request	Date Requested	Date Issued	Segment	Description
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.
	04/04/12	Under review	T/L	Request for a HLZ and temporary disturbance area shifts near CRS.
	06/18/12	Under Review	Substation	Request to build a telecom site near Desert Center for Red Bluff Substation
	07/24/12	Under Review	T/L	APM A-6 - Eliminate tarping on bottom dump trucks
	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 08/21/12)

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 08/21/12)

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.
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.
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.

## CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

**TABLE 5**  
**CONSTRUCTION PROGRESS STATUS**  
(As of 08/04/12)

Agency	Total	Released for Construction	Foundations Completed	Towers Erected	Wire Installed
Non Federal (CPUC)	350	241	172	29	0
Bureau of Land Management (BLM)	204	186	112	14	0
US Forest Service (SBNF)	12	12	0	0	0
<b>Total</b>	<b>566</b>	<b>439</b>	<b>284</b>	<b>43</b>	<b>0</b>

## PROJECT PHOTOGRAPHS



**Figure 1.** Assembly activities at Tower 2518.



**Figure 2.** Grading activities at Tower 1110.





**Figure 3.** Tower assembly at Tower 1030.



**Figure 4.** Multi-wheel tracks where trailer entered area outside of northern shoulder of Chuckwalla Road.



**Figure 5.** Crane and forklift parked in an unapproved area for staging equipment near Hayfield Road.



**Figure 6.** As part of the Package 2 construction phase, the first of four transformers was delivered to the CRS site during the subject period.



**Figure 7.** Drainage improvements continue along the Red Bluff access road.



**Figure 8.** Containment areas established to ensure compliance at the Valley Substation.





**Figure 9.** Procession of haul truck being escorted by Catrac representative to maintain speed limits along Red Bluff access road.



**Figure 10.** Graffiti discovered of the wall at the Perris Yard. Photo courtesy of FRED.