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**PROJECT MEMORANDUM  
SCE DPV2 TRANSMISSION PROJECT**

**To:** Billie Blanchard, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** August 16, 2012  
**Subject:** Weekly Report 52, July 9 to July 15, 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
  - BMPs were installed at Towers 2553, 2573, 2606, 2612, 2613, 2614, 2615, 2621, 2622, 2623, 2624, 2625, 2626, 2632, 2633, 2634, 2635, 2636, 2640, 2641, and 2642.
  - Vegetation clearing occurred at Towers 2553, 2566, 2570, 2571, 2572, 2575, 2576, 2577, 2600, 2601, 2603, 2604, 2605, and 2606.
  - Desert pavement salvage occurred at Tower 2541.
  - Spur road and crane pad grading occurred at Towers 2545, 2546, 2547, 2549, 2550, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, and 2576.
  - Tower foundation drilling activities occurred at Towers 2534, 2535, 2536, 2538, 2539, 2542, and 2546.
  - Tower foundation concrete pouring activities occurred at Towers 2534, 2535, 2536, CR1-5E, and CR1-5W.
  - Tower assembly and/or steel deliveries occurred at Towers 2653, CR1-1E, CR1-2E, CR1-3E, CR1-4E, CR1-5E, CR1-1W, and CR1-4W.



## 2. Red Bluff Substation to Devers Substation

- BMPs were installed at Towers 2110, 2233, 2234, 2302, 2303, 2304, 2306, 2440, and 2502 (see Figure 1).
- Vegetation clearing occurred at Towers 2110, 2304, 2455, 2515, and 2519.
- Desert pavement salvage occurred at Tower 2502.
- Soil salvage for special status plants and/or vegetation communities occurred at Tower 2110.
- Spur road and crane pad grading occurred at Towers 2110, 2215, 2217, 2218, 2220, 2233, 2234, 2240, 2244, 2300, 2303, 2304, 2306, 2323, 2355, 2356, 2455, 2456, 2500, 2515, 2516, 2519, 2550, 2552, and 2554 (see Figure 2).
- Tower foundation drilling activities occurred at Towers 2219, 2220, 2226, 2227, 2228, 2229, 2432, 2435, 2437, 2438, 2442, 2444, 2446, 2535, 2536, 2538, and RB2-3E.
- Tower foundation concrete pouring activities occurred at Towers 2015, 2215, 2216, 2217, 2218, 2219, 2220, 2227, 2343, 2429, 2430, 2432, 2435, 2437, 2526, RB2-3E, and RB2-4E.
- Tower assembly and/or steel deliveries occurred at Towers 2016, 2017, 2018, 2019, 2020, 2100, 2101, 2103, 2104, 2106, 2107, 2353, 2402, 2403, 2405, 2411, 2428, 2447, 2512, 2514, 2518, 2520, 2522, 2527, 2529, 2534, RB1-5E, RB2-4E, and RB2-5E (see Figure 3).
- Shaker plates, trench plates, and/or rock base were installed at right-of-way (ROW) entrance locations on Corn Springs and Chuckwalla Roads.

## 3. Devers Substation to Valley Substation

### Non-USFS Land

- Installation of BMPs occurred at Tower 1097, 1101, 1110, 1111, 1115, 1116, 1117, 1118, 1119, 1139, and 1139.
- Spur road and crane pad grading occurred at Tower 1026, 1101, 1115, and 1116.
- Tower foundation concrete pouring activities occurred at Towers 1083, 1089, and 1091.
- Tower assembly and steel deliveries occurred at Tower 1004, 1006, 1009, 1011, 1012, 1014, 1015, 1029, and 1063.
- Potholing on the access road occurred near Tower 1147.

### 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.
- On July 9, a drill rig was observed traveling without a biological escort along the Red Bluff access road to conduct work at Tower RB2-3E. The SCE FCR was notified and SCE Biological Monitors escorted the drill rig the remaining length of the road to RB2-3E. At the time that this weekly report was prepared, SCE has not provided information detailing how this issue was resolved.

- On July 9, a BMP installation crew and a grading crew were observed accessing Towers 1118 and 1119 via an unapproved access road. Due to changes made by the landowner since issuance of the Notice to Proceed, the approved access roads to these sites no longer exist. The incident was reported to the SCE Field Lead. The SCE Environmental Coordinator (EC) contacted the CPUC EM about the incident and relayed that equipment staged at Tower 1118 would remain onsite and no work would occur until the access road issue was resolved.
- On July 9, the CPUC Helicopter Construction and Environmental Monitors met with SCE, owner's agent (Kenny Construction), and PAR staff to conduct an initial review of requested helicopter flight tracks. Tracks were requested and viewed for all project helicopter operations on June 21 and 26, which only occurred within the Devers to Valley section. Tracks indicated one over-flight of an Environmentally Sensitive Area (ESA) bird buffer. However, the helicopter was at such an elevation as to be outside of the ESA buffer and in compliance. Track review did result in several general observations leading to the issuance of a memorandum of General Understanding on Helicopter Operations (which was finalized with SCE on August 2, 2012).
- On July 10, the SCE General Monitor observed plastic, tools, and two 5-gallon buckets filled with an unknown liquid piled into concrete washout basins at Tower 2653. A third 5-gallon bucket filled with an unidentified liquid was found on the ground next to a washout basin without secondary containment. According to SCE, PAR Electric has notified all subcontractors about this incident as a resolution to avoid similar circumstances in the future.
- On July 10, the CPUC EM identified an open excavation that was inadequately covered at Tower 2437 (see Figure 4). Because this was the second violation recorded by the CPUC regarding inadequate covering of open excavations (PM#9 was issued on June 19, 2012 for a similar incident), Non-Compliance Report (NCR) #7 was issued on July 12. In response to NCR #7, SCE conducted a project-wide Environmental Stand Down on July 14 with improper excavation covering being a primary discussion.
- On July 11, the CPUC EM observed that the limits of the access road between Towers 2214 and 2220 were staked to prevent any off-road impacts by construction vehicles and equipment. SCE stated in their responses to NCR#5 that enhanced staking would be utilized to prevent off road impacts.
- On July 12, a water truck stalled while driving uphill along the stub road to Tower 2233 causing the truck to roll over down the embankment and land outside of the project limits. The SCE Biological Monitor reported that impacts to desert tortoise habitat were minimal and no sensitive resources were affected. All debris from the accident was removed. Subsequently, SCE provided the CPUC with a map identifying the impacts to desert tortoise habitat, which totaled 0.41 acre. Additionally, the accident resulted in a minor (less than one-half gallon) spill of axle grease. Contaminated soil was removed and hauled offsite for disposal.
- On July 13, the SCE Biological Monitor observed trash, including food scraps, at Tower 2402. Since there were no construction personnel onsite, the Monitor removed the trash.
- On July 13, the onsite SCE Biological Monitor observed that an established Coachella Valley milk-vetch ESA was impacted by a construction vehicle near Tower 2020. Tracks were observed where a vehicle went into the vegetation, reversed, then continued forward and drove through the ESA (see Figure 5). The Monitor informed the Foreman about the incident and repaired damaged ESA staking. The SCE Field Lead was also notified.
- On July 13, a Biological Monitor observed several small oil spots (less than a gallon) and residual concrete waste onsite at Tower 2216 after a clean-up crew had left for the day. The SCE Field Lead was notified of the issue. The crew did not return at the end of the day. To date, SCE has not provided the CPUC with how or if this issue was resolved.

A total of one Non-Compliance Report was 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). 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, and foundation construction.
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. BMP installation and maintenance continued, as required.
5. Devers Substation – Activities that were conducted for the Devers Substation expansion and upgrades included grading and BMP installation for a new access road and the site for the helicopter access pad within the northern portion of the existing substation and the dismantling of an existing storage shack (see Figure 7).

**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, and the Series Capacitor sites.
- On July 9, the SCE Biological Monitor observed several rags and plastic debris just off the CRS access road and a large pile of non-hazardous construction waste in the northwest portion of the CRS site. The SCE Biological Monitor notified the construction Foreman and all of the items were removed from the road the same day and from the CRS site on July 10.

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.
- On July 10, the CPUC EM observed a lack of proper secondary containment and improper trash storage at the Chiriaco Summit Construction Yard (see Figure 8). The CPUC EM notified the SCE General Monitor and Field Contact Representative (FCR) of the containment and trash issues, respectively. The SCE General Monitor conducted a site visit later in the afternoon on July 10 and confirmed that secondary containment had been properly installed. The SCE FCR conducted a site visit on July 11 and reported that a large trash bin was still improperly covered. The SCE FCR was informed by a Greenstone representative (PAR Environmental) that the trash would be removed that day. During subsequent site visits, the CPUC EM has observed large signs installed on trash bins stating that proper covering must be maintained. However, on July 12, the SCE Biological Monitor reported that two trash cans containing food scraps were improperly covered by a piece of fabric rather than a secure lid or latch. At the time that this weekly report was prepared, SCE has not provided the CPUC with information that details the resolution of this incident.

- On July 13, the CPUC EM observed a water buffalo without secondary containment and an uncontained fuel can at the Desert Center 1 (PAR) Yard (see Figure 9). The CPUC EM immediately notified the SCE General Monitor. Upon noticing, the SCE General Monitor conducting a subsequent inspection and a crew member from PAR Electric installed adequate secondary containment. The SCE General Monitor then reminded the onsite construction Foreman of conditions required to avoid these issues in the future.

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 08/16/12)

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 #/ Permit	Date Requested	Date Issued	Segment	Description
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 08/16/12)

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
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.



Variance Request	Date Requested	Date Issued	Segment	Description
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.
	04/12/12	Under review	T/L	Preconstruction survey extension request from 14 days to 30 days
	07/09/12	Under Review	T/L	Request for additional water source locations in the Thousand Palms area. Revised request was submitted by SCE on 8/09/12.
	08/09/12 revised	Under Review	T/L	APM A-6 - Eliminate tarping on bottom dump trucks
	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	Under Review	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.

Variance Request	Date Requested	Date Issued	Segment	Description
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.
	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 08/16/12)

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	06/6/12	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 08/16/12)

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
Total	566	439	284	43	0

## PROJECT PHOTOGRAPHS



**Figure 1.** BMP installation at Tower 2110.



**Figure 2.** Grading the stub road at Tower 2233.



**Figure 3.** Assembly and erection activities at Tower 2522.



**Figure 4.** Improper excavation covering at Tower 2437. Note open gap that provides potential for wildlife to enter and fall.



**Figure 5.** Off road impacts to a Coachella Valley Milk-vetch ESA (tire tracks seen on the left side of the photo) near Tower 2020. Photo courtesy of FRED.



**Figure 6.** Grading activities along CRS access road.





**Figure 7.** Grading activities conducted within the Devers Substation for a new access road. Photo courtesy of FRED.



**Figure 8.** Improper covering of trash bin at Chiriaco Summit Construction Yard.



**Figure 9.** Gas can with no secondary containment at the Desert Center 1 Construction Yard.