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## PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

**To:** Billie Blanchard, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** May 29, 2012  
**Subject:** Weekly Report 42, April 30 to May 06, 2012

### INTRODUCTION

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

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

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

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

### TRANSMISSION LINE CONSTRUCTION

#### Summary of Activity

#### 1. Colorado River Substation (CRS) to Red Bluff Substation

- There were no major ground-disturbing activities conducted along this section of the right-of-way (ROW) during the subject period.
- Tower assembly and steel deliveries occurred at Towers 2648, 2651, CR1-1W, CR1-4W, and CR1-5W.

#### 2. Red Bluff Substation to Devers Substation

- BMPs were installed at Towers 2007, 2009, 2011, 2012, 2015, 2016, 2017, 2018, 2019, 2020, 2100, 2101, 2102, 2103, 2330, 2331, 2333, 2334, 2335, 2336, 2348, 2351, 2356, 2402, 2403, and 2430.
- Vegetation clearing occurred at Towers 2009, 2011, 2012, 2015, 2016, 2017, 2018, 2019, 2020, 2100, 2102, 2103, 2330, 2331, 2333, 2334, 2335, 2336, 2348, 2351, 2402, and 2403.
- Topsoil salvage occurred at Tower 2020 and 2511 (see Figure 1).
- Spur road and crane pad grading occurred at Towers 2001, 2002, 2003, 2004, 2005, 2007, 2009, 2100, 2352, 2353, 2402, 2426, 2510, 2512, 2513, 2514, 2516, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2526, 2529, 2531, and 2532.
- Tower foundation drilling activities occurred at Towers 2001, 2002, 2004, 2348, 2351, 2356, 2402, 2403, 2404, 2426, 2427, 2428, 2433, 2436, 2523, 2524, 2527, 2530, 2531, and 2532.
- Tower foundation concrete pouring activities occurred at Towers 2426, 2427, 2428, 2433, 2513, 2527, 2530, and 2532.



- Tower assembly and steel deliveries occurred at Towers RB1-3E and RB2-3W.
- Potholing occurred on the access road near Towers 2112, 2122, 2124, and 2127.
- Sensitive cactus transplanting occurred at Towers 2248, 2260, 2264, 2307, 2315, 2317, 2322, and 2325.
- Road stabilization activities, including the installation of shaker plates, were conducted near the intersection of the ROW access road and Red Cloud Road (see Figure 2).

### 3. Devers Substation to Valley Substation

#### Non-USFS Land

- BMPs were installed at Tower 1021.
- Tower foundation drilling occurred at Towers 1010 and 1015.
- Tower foundation concrete pouring activities occurred at Towers 1010, 1015, 1021 and 1022.
- Tower assembly and steel deliveries occurred at Towers 1021, 1028, 1052, 1053, 1054, 1055, 1057, 1059, and 1060 (see Figure 3).

#### USFS Land

- Vegetation clearing and BMP installation occurred at Towers 1042 and 1044.
- BMP maintenance occurred at Towers 1041, 1042, 1044-1046 and 1048.

### **Environmental Compliance**

- The SCE General Monitors observed adequate dust control measures at all Devers to Valley and Devers to Red Bluff construction sites.
- The CPUC EMs observed that approved desert tortoise Authorized Biologists were available at all applicable sites.
- Coachella Valley milk-vetch approved biologists conducted biological sweeps for Coachella Valley Milk-vetch prior to construction at all applicable tower sites and monitored topsoil salvage at Tower 2020.
- Coachella Valley fringe-toed lizard approved 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.
- The CPUC EMs identified several locations during the subject period where foundation holes had been inadequately covered (see Figure 4). All foundation holes must be completely covered when a site is not unattended to prevent accidental death or injury to wildlife. The Contractor was informed by SCE to notify foundation crews that auger holes must be completely covered when a site is left unattended.
- On May 1, it was discovered that a survey crew performed staking activities without a Biological Monitor at sites within desert tortoise habitat (Towers 2003-2005, 2007, and 2009), that had not been cleared by an Authorized Biologist. This activity was not listed in the daily Plan of Day schedule. SCE Field Leads instructed crews that they cannot enter tower sites within desert tortoise habitat without first having area cleared by an Authorized Biologist.
- On May 1, vegetation clearing occurred at Tower 2330 within the buffer of an active nest (ID 1526). The cactus wren nest was reported as an inactive nest within the disturbance area. When the CPUC EM asked the onsite Biological Monitor about its protection the onsite monitor stated it would be observed for an hour to determine if it was inactive. Vegetation clearing activities occurred at the site prior to ensuring the nest was inactive. When the crew left for the day the cactus wren returned to the nest and the nest was then determined to be active. A 300 foot buffer was then established at the site (see Figure 5).

- While escorting the vegetation clearing crew on May 1, the SCE Biological Monitor inadvertently traveled along approximately 1000 feet of an unapproved access road just west of the Red Bluff Substation. After realizing that the wrong road was being used, the SCE Biological Monitor and the vegetation clearing crew turned around and traveled back to the approved route. The SCE General Monitor was immediately notified of the incident upon the vegetation clearing crew arriving at Tower 2524, their intended destination.
- The SCE Biological Monitor reported the discovery of two juvenile desert tortoise carcasses in the vicinity of Tower 2406 on May 1. The carcasses were observed below a raven nest located in the adjacent existing DPV1 tower and the cause of death was determined to be recent (within 3 weeks) predation.
- On May 2, the onsite Biological Monitor discovered a diesel fuel spill at Tower 1055. The Monitor stated that the spill was likely related to the fuel spill that occurred on April 26 as a result of thieves siphoning gas from an onsite crane. The spill was estimated at less than one quart, and approximately 30 gallons of soils was removed to ensure that no fuel remained in the ground. The spill was cleaned up immediately upon discovery and taken offsite to be disposed of properly.
- Grading activities were conducted at Tower 2518 on May 3 (see Figure 6). This location was previously defined as a topsoil salvage site and all grading activities occurred without any topsoil salvage. Due to this oversight, SCE will add all disturbed acreage that was designated for topsoil salvage to mitigation/compensation totals.
- On May 3, a small foundation clean-up crew was observed working at Tower 2513 without a Biological Monitor present. This observation was noted by both the SCE Biological Monitor, who was escorting a separate crew along the access road, and the CPUC EM, traveling in the escorted procession. The SCE Biological Monitor leading the escort immediately requested that the crew at Tower 2513 stop working until a Biological Monitor was present. The SCE Biological Monitor inspected the area and determined that there were no impacts to biological resources.
- While driving the access road between Towers 2433 and 2434 on May 3, the CPUC EM observed heavy equipment tracks outside of the defined road limits. As a result of traveling outside the roadbed, several creosote bushes were crushed (see Figure 7).
- The CPUC EM notified the SCE General Monitor of an uncontained plastic trash bag that had been left in the disturbance area of Tower 2426 on May 3 (see Figure 8). The SCE General Monitor informed the contractor and the bag was removed from the site the same day.
- On May 3, the SCE Biological Monitor identified the carcasses of three bobcats while working with a road sign installation crew near Tower 2569. The carcasses had all been skinned and left in the same location. The BLM was notified, photos were taken, and the incident was documented by SCE. All signs indicated that the deaths were not project-related.
- The SCE General Monitor reported a small hydraulic fluid leak of approximately a dozen drops under a crane that was temporarily staged near the intersection of the ROW access road and Rice Road on May 4. The CPUC EM was notified earlier that the crane was going to be left in the area until repairs could be made. The leak was a result of the repairs and all contaminated soil was properly disposed of and removed offsite.
- Two separate minor diesel fuel leaks were reported by the SCE General Monitor at Towers 2530 and 2532 on May 4. The leaks consisted of approximately 6 ounces at each of the sites. For each spill, Aldridge Construction properly removed contaminated soils into spill kits and the soils were then hauled offsite.
- During shaker plate installation at the ROW access road and Red Cloud Road intersection on May 4, a transmission line leak occurred from a skid loader. The SCE Environmental Coordinator notified the SCE General Monitor who traveled to the site immediately. It was estimated that the leak resulted in no more than 32 ounces of transmission fluid. All impacted soils were shoveled into 5-gallon

buckets with lids and trash bags. Clean-up efforts were also observed by the CPUC EM. A mechanic was immediately dispatched to repair the leaking hose on the skid loader. However, later that afternoon, another leak occurred from the same skid loader. Similar clean-up methods were employed.

- On May 5, it was discovered that construction activities took place within the 300 foot buffer for an active raven nest in the existing DPV1 tower adjacent to DPV2 Tower 2003. A raven nest was discovered on April 9 during the preconstruction surveys. A FRED nest event was created and a buffer was established in the field and verified by the CPUC EM on April 19. Vegetation clearing activities occurred within the Environmentally Sensitive Area (ESA) for active common raven rest on April 30 and grading activities at the site occurred on May 2. On May 5, the Biological Monitor with a drilling crew moving to the site observed a raven bringing food material to the nest. A one hour hold was placed on construction activities while the SCE Field Lead was notified. It was determined that a 300 foot avoidance buffer existed for the nest, but the signs were no longer in place. The construction crews immediately mobilized the equipment to a nearby site free of biological constraints. ESA staking was reinstalled at Tower 2003.
- The USFS delineated a section of an erosional feature to the west of the Tower 1047 temporary work limits as a Riparian Conservation Area (RCA). The RCA intersects and overlaps the site at the west corner. The area was not clearly symbolized in early project mapping or SWPPP drawings. As such, construction activities including BMP installation and vegetation clearing took place within the RCA (and other areas outside of the temporary work limits) from April 20 to April 27. The SCE Field Lead and Environmental Coordinator observed that minor impacts including installation of fiber roll BMPs, clearing of vegetation, and spreading of subsequent mulch had taken place within the RCA (see Figure 9). A walking path from the temporary helipad to the north west of the site crosses the RCA. The contractor was informed that continued construction activities within the RCA would result in a higher level non-compliance. Determinations of corrective action would require further investigation of the impacts and consultation with SCE. On May 5, the SCE Field Lead returned to the site to map the non-compliance area with a Trimble featuring sub-meter accuracy. A GIS analysis was conducted. It was determined that a 0.0338 acre area was impacted outside of the approved temporary work limits. That area includes 0.0316 acres of impact to the RCA, 0.0020 acres of impacts to jurisdictional waters (flow line of RCA), and 0.0022 acres of impact to an area (California buckwheat (*Erigonum fasciculatum*) scrub) both outside of the RCA and outside of the temporary work limits. ESA signage was installed on both sides of the RCA where it intersects the walking path. SCE has recommended relocation of the BMPs to the edge of the RCA where it intersects the temporary work limits, removal of mulch remaining in the RCA, and relocation of the walking path to avoid the RCA. The contractor has reported that these actions have been completed. Due to high winds and limitations on helicopter access, SCE has been unable to confirm as of May 23.

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) – Ongoing activities associated with CRS that occurred during the subject period included grading, drainage installation, and paving of the substation site and along the primary access road. Additional construction activities that were conducted within the substation limits, included wall panel and jute netting installation, and mulching of slopes. BMPs were installed and/or maintained as appropriate within the substation work limits and along the access road.

2. CRS Telecomm Line (BLM and Private Lands) – No major activities were conducted along the CRS telecomm line during the subject period.
3. Series Capacitor (BLM Lands) – No major activities were conducted at the Series Capacitor site during the subject period.
4. Red Bluff Substation (BLM Lands) – Activities that were conducted at the Red Bluff site included ongoing grading of cut and fill areas, and rock crushing of native fill. Vegetation clearing and grubbing activities were conducted along the primary access road between Corn Springs Road and the substation eastern access road. BMP installation and maintenance continued along this section of road. Well development activities, involving pumping of the well, also continued.

### **Environmental Compliance**

- SCE General, Biological, and Archeological Monitors were onsite, as appropriate, throughout all construction activities associated with CRS and the Red Bluff Substation.
- A total of three Mojave fringe-toed lizard mortalities, all associated with construction activities at the CRS site, were reported by SCE during the subject period. Since the Mojave fringe-toed lizard is not a listed species, there is not an incidental take statement and no take threshold.
- One desert kit fox was observed crossing the primary Red Bluff access road by the SCE Biological Monitor on May 2. The animal traveled away from any disturbance areas and no further action was warranted.

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.

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 05/29/12)

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 #/ 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
<b>BLM NTPs</b>				
BLM NTP #1	08/26/11	09/19/11	DPV2 Substation, T/L	Authorization to proceed with construction of the DPV2 Transmission Line, Colorado River Substation, and associated project components on BLM lands.
BLM NTP #2	08/26/11	09/19/11	Substation	Construction of Red Bluff Substation and associated project components, BLM lands.

## VARIANCE & TEMPORARY EXTRA WORKSPACE REQUESTS

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

**TABLE 2**  
**VARIANCE REQUESTS**  
 (Updated 05/29/12)

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.
VR #11	09/26/11	09/28/11	T/L	Two water sources for exclusionary fencing work.

Variance Request	Date Requested	Date Issued	Segment	Description
VR #12	10/13/11	10/18/11	T/L	Request for parking/temporary staging of vehicles along existing access road within the Coachella Valley Preserve during exclusionary fencing activities.
VR #13	10/26/11	11/10/11	Devers Yard	Request for temporary power supply to provide power to construction trailer at the Devers #1 Construction Yard.
VR #14	11/10/11	11/28/11	Substation	Request for increased well pumping to support civil work, including access road improvements, at Colorado River Substation.
VR #15	12/13/11	12/14/11	Summit Yard	Request for temporary power outside yard boundaries required to power office trailers.
VR #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.
VR #26	03/09/12	03/16/12	Substation	Request for the use of offsite water source located on a private date farm.

Variance Request	Date Requested	Date Issued	Segment	Description
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	5/17/12	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.
	04/12/12	Under review	T/L	Preconstruction survey extension request from 14 days to 30 days
	05/02/12	Under review	T/L	Additional access route between Towers 2528X and 2527.
	05/17/12	Under Review	T/L	Three additional water stand tanks from Devers to Red Bluff
<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	04/04/12	04/17/12	Substation	Red Bluff Substation access road realignment.
	12/22/11	Under review	Series Capacitor	Request to relocate a portion of the Imperial Irrigation District distribution line located at the Series Capacitor site.
	02/01/12	Under review	T/L	Request for the addition of proposed helicopter construction and maintenance platforms to the description included in the Project Refinements 1 and 2 documents.

Variance Request	Date Requested	Date Issued	Segment	Description
	03/05/12	Under review	Red Bluff Loop-ins	Request to revise road locations.
	04/04/12	Under review	T/L	Request for a HLZ and temporary disturbance area shifts.
	04/12/12	Under review	Series Capacitor	Certain activities to be constructed within the footprint of the Series Capacitor bank
	05/02/12	Under review	T/L	Additional access route between Towers 2528X and 2527.
<b>USFS</b>				
USFS-1	03/15/12	3/20/12	T/L	SBNF engineering modifications (revised disturbance areas).

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 05/29/12)

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

## NON-COMPLIANCES & INCIDENTS

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

**TABLE 4**  
**CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA**  
 (Updated 05/29/12)

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.
<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.

## CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

**TABLE 5**  
**CONSTRUCTION PROGRESS STATUS**  
 (As of 05/19/12)

Agency	Total	Released for Construction	Foundations Completed	Towers Erected	Wire Installed
Non Federal (CPUC)	350	128	36	8	0
Bureau of Land Management (BLM)	204	131	48	8	0
US Forest Service (SBNF)	12	11	0	0	0
<b>Total</b>	<b>566</b>	<b>270</b>	<b>84</b>	<b>16</b>	<b>0</b>

## PROJECT PHOTOGRAPHS



**Figure 1.** Topsoil salvage for Coachella Valley Milk-vetch at Tower 2020.



**Figure 2.** Road stabilization for fiber optic line near Red Cloud Road.



**Figure 3.** Tower assembly (crews backbolting) at Tower 1057.



**Figure 4.** Foundation excavation inadequately covered at Tower 1015 (Photo taken from FRED Incident Report).



**Figure 5.** Vegetation clearing activities occurring within 300 feet of an active cactus wren nest at Tower 2330.



**Figure 6.** Grading activities initiated prior to topsoil salvage at Tower 2518. The blade mark is located within the area designated for salvage.



**Figure 7.** Heavy equipment tracks outside road limits between Towers 2433 and 2434 resulting in several crushed creosote bushes.



**Figure 8.** Uncontained trash bag observed by CPUC EM at Tower 2426.



**Figure 9.** Impacts to RCA at Tower 1047. Stakes with white signs on the right side of the photo delineate the edge of the RCA (Photo taken from FRED Incident Report).