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## PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

**To:** Billie Blanchard, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** September 13, 2012  
**Subject:** Weekly Report 58, August 20 to August 26, 2012

### INTRODUCTION

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

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

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

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

### TRANSMISSION LINE CONSTRUCTION

#### Summary of Activity

1. Colorado River Substation (CRS) to Red Bluff Substation
  - Installation of BMPs occurred at Towers 2548, CR1-2E, and CR1-5E and the Pull Site associated with CR1-5E and DPV1 Tower M127-T2.
  - Maintenance of BMPs occurred at Towers 2525-2546, 2635-2651, CR1-3E, CR1-4E, CR1-5E, and CR1-4W, at the Pull Sites associated with CR1-4E and CR1-5E, and at Wire Sites 88, 89, 90, and 103.
  - Vegetation clearing occurred at Towers 2543, 2643, 2644, 2645, 2646, and 2647, at the Pull Sites associated with 2649, CR1-4E, and CR1-5E, and at Wire Site 88, 89, 90, 91, and 92.
  - Desert pavement salvage occurred at Tower 2548.
  - Spur road and/or crane pad grading occurred at Towers 2537, 2541, 2543, and 2548 and at Wire Site 103.
  - Tower foundation drilling activities occurred at Towers 2640, 2642, 2643, 2644, 2645, and CR1-7W.
  - Tower foundation concrete pouring activities occurred at Towers 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, and 2647.
  - Tower assembly and/or steel deliveries occurred at Tower 2536, 2538, 2539, 2540, 2541, 2542, 2545, and 2549 (see Figure 1).



- Wire stringing activities occurred at Towers 2647, 2652, 2653, CR1-1E, CR1-2E, CR1-3E, CR1-4E, CR1-2W, CR1-3W, CR1-4W, CR1-5W, at the Pull Sites associated with 2649 and CR1-2W, and at Wire Sites 94 and 103 (see Figure 2).

## 2. Red Bluff Substation to Devers Substation

- Installation of BMPs occurred at Towers 2010 and 2415.
- Maintenance of BMPs occurred at Towers 2101, 2114, 2116, 2120, 2134, 2135, 2204, 2244, 2248-2255, 2257-2305, 2265, 2306, 2307, 2309-2324, 2325, 2326, 2414-2420, 2510, 2513, and 2515 and at the right-of-way (ROW) at Frontage and Dillon roads.
- Removal of BMPs occurred at the Cactus City ROW entrance.
- Vegetation clearing occurred at Towers 2346, 2347, 2348, 2349, 2350, 2352, 2354, 2355, 2400 and Helicopter Landing Zone (HLZ) site H1X.
- Spur road and crane pad grading occurred at Towers 2010, 2244, 2265ALTX, 2415, and 2416 (see Figure 3).
- Tower foundation drilling activities occurred at Towers 2003, 2006, 2326X, 2332, 2349, 2350, 2354, 2400, 2401, 2402, 2403, 2404, 2407, 2414, 2501, and 2502.
- Tower foundation concrete pouring activities occurred at Towers 2003, 2306, 2313, 2320, 2321, 2324, 2325, 2332, 2335, 2336, 2337, 2339, 2340, 2343, 2344, 2345, 2346, 2347, 2349, 2350, 2354, 2400, 2401, 2404, 2407, 2410, 2517, and 2526.
- Tower assembly and/or steel deliveries occurred at Towers 2112, 2113, 2114, 2115, 2116, 2117, 2203, 2230AX, 2235, 2236XX, 2239, 2245, 2248, 2249, 2250, 2306, 2324, 2328, 2329, 2337, 2338, 2340, 2342, 2343, 2433, 2435, 2438, 2441, 2442, 2443, 2444, and 2446 (see Figure 4).
- Road maintenance activities were conducted along the access roads to Towers 2412 and 2416 and along Gasline Road between Towers 2451 and 2456.

## 3. Devers Substation to Valley Substation

### Non-USFS Land

- Installation of BMPs occurred at Towers 1090, 1098, 1105, 1122, 2343.
- Maintenance of BMPs occurred at Towers 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, and 1024.
- Installation of perimeter fencing occurred at HLZ H1A.
- Vegetation clearing occurred at Towers 1036, 1050, and 1090.
- Spur road and crane pad grading occurred at Towers 1090, 1093, 1094, 1098, 1138, 1140, 1148, 1149, 1150, 1151, 1152, 1154 and HLZ H9 (see Figure 5).
- Access road grading occurred between Towers 1148 and 1149.
- Rock clearing and micropile foundation preparation occurred at Towers 1034 and 1036 (see Figure 6).
- Tower foundation drilling activities occurred at Towers 1026, 1051, and 1056.
- Tower foundation concrete pouring activities occurred at Towers 1051 and 1056.
- Trenching for grounding wires occurred at Towers 1052 and 1061 (see Figure 7).
- Tower assembly and/or steel deliveries occurred at Tower 1031.

## USFS Land

- Installation of BMPs occurred at Tower 1037.
- Vegetation clearing occurred at Towers 1038, 1039, and 1048.
- Rock clearing and micropile foundation preparation occurred at Tower 1038.

## 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.
- One incident associated with project activities outside of approved project disturbance limits was reported during the subject period.
  - On August 23, the eastern boundary of Tower 1140 was poorly marked and this concern was voiced by both the SCE Field Contact Representative (FCR) and onsite Biological Monitor. The crew continued to conduct work on the site without adequate staking of the boundary and went outside of the disturbance area (see Figure 8). The boundary line was very hard to follow by line of sight given the terrain of the site. A Trimble GPS unit was used on August 24 to determine the exact boundary line and area disturbed. To this date, SCE has not provided a resolution to this incident.
- On August 21, one reportable (>1 gallon) spill occurred at Tower 2326X. A front-end loader was parked on a steep grade, with possibly a loose-fitting gas cap, and approximately 3-5 gallons of diesel fuel spilled onto the ground. Proper remedial efforts were implemented.
- During the subject period, one non-reportable (< 1 gallon) spill of motor oil occurred. Proper remedial efforts were implemented.
- There were eight reported incidents associated with improper implementation of SWPPP conditions, including inadequate BMP maintenance/repairs, improper BMP installation, and secondary containment during the subject period. Additionally, the SCE General Monitor reported that BMP maintenance was required at Towers 2636, 2637, 2643, 2644, 2645, and at Wire Site 88 during the subject period. Additionally, the CPUC EM contacted the SCE General Monitor to express concerns related to damaged and sand-covered BMPs along the eastern CRS loop-in access road since several crews, including grading and stringing, were working in the area.
- There were three incidents associated with excessive vehicle speeds reported during the subject period.
- On August 21, the CPUC EM confirmed compliance with the USFS Fire Plan and PAL Level C at Tower 1038.
- On August 22, the SCE FCR determined that ground-disturbing activities had occurred outside of the approved disturbance limits at Tower 2644. These activities, including BMP installation and vegetation clearing, were conducted within the limits of a pending variance request that has yet to be approved by the CPUC. Consequently, Non-Compliance Report #9 was issued by the CPUC on August 28.
- During field validation activities conducted by the CPUC EM on August 24, it was noted that survey stakes were being spray painted all the way to the ground resulting in splattered paint spots on the soil (see Figure 9). The CPUC EM contacted the SCE Environmental Coordinator (EC) who stated that the survey crews would be notified to stop using this technique.

- On August 14, the CPUC EM observed an unauthorized helicopter landing within the Devers-Valley segment between HLZs H1X and H2. The CPUC EMs met with SCE on August 22 and reviewed flight track data for the day of the event. After flight data review, discussion of the incident with SCE, and review of additional details provided on 8/24, it was determined that:
  - At 0835 on August 14, helo 9KB, which is operated by PAR landed in an unauthorized area north of Tower 1035 on private land at coordinates 33.53N / 116.42W. The 9KB remained landed until 1010.
  - When questioned, the pilot indicated he did such to observe hazardous weather conditions in the area. SCE indicated that pilots have been reminded to not land outside of authorized landing zones, unless unsafe conditions warrant otherwise.

CPUC EMs met with SCE and Kenny Construction staff on August 22 to discuss helicopter flight track recording specifications and CPUC reviews.

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

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

None.

**SUBSTATION CONSTRUCTION AND UPGRADES**

**Summary of Activity**

1. Colorado River Substation (CRS) (BLM Lands) – Activities associated with the development of the CRS site included excavating footings for the MEER building, trenching for grounding work, and finishing of the wall panels. Equipment and materials associated with the Package 2 construction phase continued to be mobilized and staged. Storm damage repairs continued along the CRS access road.
2. CRS Telecomm Line (BLM and Private Lands) – No major activities were conducted along the CRS telecomm line during the subject period.
3. Series Capacitor (BLM Lands) – Activities associated with the expansion of the existing Series Capacitor site included grounding well construction, foundation work, completing relocation of the IID distribution line, and erection of tower structures.
4. Red Bluff Substation (BLM Lands) – Activities that were conducted at the Red Bluff site included installation of drainage structures, trenching slopes for grounding, drilling and pouring concrete foundations, rock crushing of native cut, and erection of the perimeter wall. Well development, involving pumping of the well, continued throughout the subject period. Activities that were conducted along the primary access road between Corn Springs Road and the substation eastern entrance included grading, installation of gravel road base, and culvert and drainage improvements. BMP installation and maintenance continued, as required.
5. Devers Substation (Private Lands) – Activities that were conducted for the Devers Substation expansion and upgrades included grading and soil import to the expansion area. Within the northern portion of the existing substation trenching to remove and replace the old waterline continued. The southern end of the substation also included activities associated with the 220 kV conductors.
6. Valley Substation (Private Lands) – Activities included drilling and pouring concrete for the circuit breakers and disconnect switch foundations as well as trenching for grounding wires (see Figure 10).

## **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.
- During the subject period, two reportable (> 1 gallon) spills of diesel fuel and hydraulic fluid occurred. Proper remedial efforts were implemented.
- There were two reported incidents associated with improper implementation of SWPPP conditions, including spilled concrete and overfilled concrete washout bins, during the subject period.
- There were two reported incidents associated with improper containment of trash during the subject period.

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.

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.

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.

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

**Environmental Compliance:**

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

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

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

None.

**CPUC/BLM NOTICES TO PROCEED (NTPS)**

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

**TABLE 1**  
**NTPs**  
(Updated 09/13/12)

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 #/ Permit	Date Requested	Date Issued	Segment	Description
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	Retracted	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 09/13/12)

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.

Variance Request	Date Requested	Date Issued	Segment	Description
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.
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.

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

Variance Request	Date Requested	Date Issued	Segment	Description
VR #37	06/20/12	06/30/12	T/L	Request a disturbance area shift for Tower 1013 due to engineering changes.
VR #38	08/09/12 Revised	08/21/12	T/L	Request for additional water source locations in the Thousand Palms area.
VR #39	08/14/12	09/05/12	T/L	Request for additional access road use near Towers 2103, 2112, and 2260.
VR #40	08/22/12	09/11/12	T/L	Request for the use of an existing spur road to Tower 2242.
VR #41	09/10/12	09/12/12	T/L	Request for the use of additional access routes to Towers 1118-1122 and HLZ H9. These roads were previously approved through the TEWS process.
—	04/12/12	Retracted	T/L	Preconstruction survey extension request from 14 days to 30 days. Petition for Modification required.
—	08/09/12 revised	Retracted	T/L	APM A-6 - Eliminate tarping on bottom dump trucks. Petition for Modification required.
	08/14/12	Under Review	T/L	Request for a road to be used as a helicopter picking site near Tower 1031.
	08/14/12	Under Review	T/L	Request that Helicopter Landing Zones (HLZs) on Devers to Valley be exempt from construction screening MM V-1a.
<b>BLM</b>				
BLM #1	10/18/11	10/27/11	Substation	Request to install a temporary guard structure along the entrance of the existing transmission line access road for Colorado River Substation.
BLM #2	10/19/11	10/27/11	Substation	Request to approve 24-hour drilling operations at the CRS site.
BLM #3	01/24/12	02/28/12	Red Bluff	Rock Crushing
BLM #4	03/16/12	03/30/12	Substation	Red Bluff Loop-in pull site modifications.
BLM #5	03/22/12	05/18/12	T/L	DPV2 Gas Line Road.
BLM #6	03/23/12	04/10/12	Substation	CRS pull sites.
BLM #7	03/28/12	04/11/12	Substation	Request for HLZ (helicopter landing zone) at Red Bluff Loop-in Tower site RB1-2W.
BLM #8	04/06/12	05/16/12	Substation	Additional water sources @ Red Cloud Road, Red Bluff Substation.
DNA #1	10/27/11	12/07/11	Series Capacitor	Request for a slight expansion of the Series Capacitor site due to engineering conflicts.
DNA #2	12/21/11	02/01/12	Red Bluff	Request to install secondary well at Red Bluff Substation site.
DNA #3	12/22/11	05/24/12	Series Capacitor	Request to relocate a portion of the Imperial Irrigation District distribution line located at the Series Capacitor site.

Variance Request	Date Requested	Date Issued	Segment	Description
DNA #4	02/01/12	05/24/12	T/L	Request for the addition of proposed helicopter construction and maintenance platforms to the description included in the Project Refinements 1 and 2 documents.
DNA #5	03/05/12	05/22/12	Red Bluff Loop-ins	Request to revise road locations.
DNA #6	04/04/12	04/17/12	Substation	Red Bluff Substation access road realignment.
DNA #7	04/12/12	05/22/12	Series Capacitor	Certain activities to be constructed within the footprint of the Series Capacitor bank.
DNA #8	05/02/12	07/31/12	T/L	Additional access route between Towers 2528X and 2527.
DNA #9	05/19/12	06/15/12	CRS	Request for a permanent turning radius along the CRS access road.
DNA #9	06/04/12	06/15/12	CRS	300 foot driveway along the CRS access road.
DNA #11	07/02/12	07/31/12	T/L	A Level 2 Variance request for a disturbance area shift at Tower 1013 due to engineering changes. This tower is located on BLM land.
—	07/24/12	Retracted	T/L	APM A-6 - Eliminate tarping on bottom dump trucks
	04/04/12	Under review	T/L	Request for a HLZ and temporary disturbance area shifts near CRS.
	06/18/12	Under Review	Substation	Request to build a telecom site near Desert Center for Red Bluff Substation
	07/30/12	Under Review	Substation	DNA for Colorado River Substation Telecommunication Distribution Line
<b>USFS</b>				
USFS-1	03/15/12	03/20/12	T/L	SBNF engineering modifications (revised disturbance areas).

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 09/13/12)

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.
Level 1 #3	09/.13/12	Under Review	T/L	Remove visual screening at Helicopter Landing Zones H1E H4 and H5.

## NON-COMPLIANCES & INCIDENTS

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

**TABLE 4**  
**CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA**  
 (Updated 09/13/12)

Type	Date Issued	Location	Description
<b>CPUC Project Memoranda (PM)</b>			
PM #1	10/28/11	CRS Dist. Line	Construction vehicles leaving marked disturbance limits at two locations along CRS distribution line.
PM #2	01/18/12	Tower 2649/ CR1-2W	DPV2 Construction contractor vehicle driving outside of the approved tower and access road disturbance area limits.
PM #3	03/08/12	Tower 1059 & 1060	Failure to comply with MM B-5 which requires that 300-foot buffers are established around active bird nests. Working within unapproved active nest buffers.
PM #4	04/04/12	Tower 2515, 2520, & 2526	Impacts to desert pavement at Towers 2520 and 2526 by not implementing one of the approved methods stated in the revised Desert Pavement Plan. Impacts to desert tortoise habitat when a road was built near Tower 2515 that was not approved.
PM #5	04/18/12	Along the main access road near Red Bluff	Excessive fugitive dust observed on multiple locations along the main access road near Red Bluff Substation. Violation of MM AQ-1a.
PM #6	05/08/12	Along the T/L access roads	Construction vehicles observed driving off the approved access road limits at various locations along the T/L.
PM #7	06/01/12	Near Tower 2317	Two stand tanks were installed in an area that was not approved for the Project along the access road near Tower 2317.
PM #8	06/01/12	Along the access road near Tower 2310	Road base was installed along a portion of the access road to protect the utility crossing south of Tower 2310. This work was completed prior to the pre-construction verification and release of this road from the CPUC.
PM #9	06/19/12	Tower 2126	Inadequate covering of foundation excavations at Tower 2126. Violation of BO-13.
<b>CPUC Non-Compliance Reports (NCR)</b>			
NCR #1	01/13/12	Project-wide	Unapproved removal of stick nests from DPV1 Transmission Line towers.
NCR #2	05/18/12	Tower 2333	Failure to protect wildlife during construction which resulted in the death of a kit fox.
NCR #3	06/04/12	Near Tower 2310	Road base was installed at two locations along the access road to protect the utility crossings near Tower 2310. This work was completed prior to the pre-construction verification and release of this road from the CPUC.
NCR #4	07/02/12	Near 2303X	Road base installed along a portion on a road not approved for the Project.
NCR #5	07/02/12	Near 2204 and 2205	Project equipment drove outside the approved road width along the access road near Towers 2204 and 2205. These towers are located within the Coachella Valley Preserve.

Type	Date Issued	Location	Description
NCR #6	07/06/12	Near Tower 1083	Project equipment drove outside the existing road width along the access road near Tower 1083.
NCR #7	07/12/12	Tower 2437	Inadequate covering of a foundation excavation at Tower 2437. Violation of BO-13.
NCR #8	07/23/12	Near Tower 2604	Project equipment drove outside the approved road limits along Chuckwalla road west of Tower 2604.
NCR #9	08/28/12	Tower 2644	Construction work conducted outside the approved project limits.
NCR #10	09/10/12	Towers 1153 and 1155	Construction work conducted at Towers 1153 and 1155 prior to the CPUC site verification and release to SCE.

## CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

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

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

## PROJECT PHOTOGRAPHS



**Figure 1.** Assembly activities at Tower 2542.



**Figure 2.** Stringing activities at the CRS loop-in towers.



**Figure 3.** Grading/site clearing activities at Tower 2416.



**Figure 4.** Tower erection activities at Tower 2250.



**Figure 5.** Grading activities at Tower 1093.



**Figure 6.** Rock clearing activities at Tower 1034. This rock is being prepared for the addition of Dexpan compound to break-up the rock.



**Figure 7.** Trenching for grounding wire at Tower 1061.



**Figure 8.** Impacts outside of the disturbance area boundaries for Tower 1140. The impacts are on the right side of the stakes in the photograph.



**Figure 9.** Spray paint left on ground during survey staking.



**Figure 10.** Trenching for the grounding wires for foundations within the Valley Substation.