



5020 Chesebro Road, Suite 200, Agoura Hills, CA 91301
Tel. 818-597-3407, Fax 818-597-8001, www.aspeneg.com

PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: August 29, 2012
Subject: Weekly Report 55, July 30 to August 5, 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
 - Spur road and crane pad grading occurred at Towers 2630 and 2634.
 - Tower foundation drilling activities occurred at Towers 2559, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, and 2622.
 - Tower foundation concrete pouring activities occurred at Towers 2557, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2574, 2606, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, and 2620.
 - Tower assembly and/or steel deliveries occurred at Towers 2534, 2562, 2653, and CR1-1E.
 - Wire stringing activities occurred at Towers 2650, 2653, CR1-3E, and CR1-4E.
 - Road maintenance activities were conducted along the right-of-way (ROW) access road between Wiley's Well Road and Tower 2575.
2. Red Bluff Substation to Devers Substation
 - Installation of BMPs occurred at Towers 2233, 2237ALXX, 2261X, 2307, 2308, 2325, 2326, 2342, and Helicopter Landing Zone (HLZ) H1E.
 - BMP maintenance occurred at Towers 2019, 2116, 2117, 2233, 2245, 2246, 2247, 2248, 2251, 2252, 2260, 2263, 2326ALT, 2326X, 2334, 2336, 2337, 2338, 2341, and 2342.



- Vegetation clearing occurred at Towers 2345, 2346, 2347, and 2349.
- Topsoil salvage for special status plants and/ or vegetation communities occurred at Towers 2346 and 2347.
- Spur road and crane pad grading occurred at Towers 2123, 2224, 2225, 2244, 2245, 2246, 2247, 2304, 2321, 2325, 2344, 2345, 2346, 2347, 2349, and HLZs H4 and H1E (see Figure 1).
- Access road repair occurred near Tower 2117, between 2264 and 2302, between 2239 to 2248, and between 2317 to 2327 (see Figure 2).
- Tower foundation drilling activities occurred at Towers 2248, 2250, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2262, 2266, 2268, 2456, 2458, 2500, and 2501 (see Figure 3).
- Tower foundation concrete pouring activities occurred at Towers 2248, 2249, 2250, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2262, 2343, 2400, 2455, 2457, 2458, 2500, and 2557.
- Tower assembly and/or steel deliveries occurred at Towers 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2131, 2132, 2133, 2134, 2209, 2210, 2211, 2212, 2213, 2315, 2317, 2333, 2334, 2335, 2402, 2403, 2405, 2406, 2408, 2409, 2410, 2411, 2427, 2429, 2437, 2438, 2445, 2512, 2513, 2514, 2515, 2518, 2543, RB2-3E, and RB2-5E (see Figure 4).
- Trench plates and/or road base were installed at several locations where Gasline Road intersects an existing AT&T fiber optic line.

3. Devers Substation to Valley Substation

Non-USFS Land

- Installation of BMPs occurred at Tower 1140, 1149, 1150, and HLZ H1X.
- Maintenance of BMPs occurred at Towers 1002, 1003, 1004, 1016, 1018, 1019, 1023, 1028, 1083, and 1140.
- Vegetation clearing occurred at Towers 1049, 1097, 1140, and 1145.
- Topsoil salvage for special status plants and/ or vegetation communities occurred at Tower 1145.
- Spur road and crane pad grading occurred at Towers 1136, 1139, and 1140.
- Access road repairs occurred near Towers 1001 to Diablo Road, 1004 to 1005, 1010 to 1013, 1089 to 1082, 1094 to 1100, 1103 to 1109, and 1108 to 1114.
- Stephen's kangaroo rat exclusionary fencing was installed at Tower 1114.

USFS Land

- The installation of BMPs occurred at Tower 1045.
- Vegetation clearing occurred at Towers 1044 and 1045 (see Figure 5).

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 ground construction at all applicable tower sites and were available at all applicable sites.

- A Stephen's kangaroo rat Qualified Biologist was present during the installation of exclusionary fencing at Tower 1114.
- Two incidents associated with driving outside of approved project disturbance limits were reported during the subject period.
 - On July 30, the SCE Biological Monitor observed an Associated Cement truck leaving the disturbance limits in order to turn around near Tower 2456. This incident occurred in desert tortoise habitat and on a surface consisting of highly developed desert pavement. The SCE Biological Monitor contacted the SCE Field Contact Representative (FCR) and the incident was documented. As a resolution, SCE has stated that additional signage and ground guides will be used when moving equipment and large vehicles. Although it was reported that the length of the disturbance measured approximately 35 feet, a final disturbance acreage for this specific incident has yet to be submitted to the CPUC.
 - On July 30, the SCE Biological Monitor observed an employee from PAR Electric drive off the ROW along the access road in order to allow a drill rig to pass. The nearest tower location was not identified in the incident report. The SCE Biological Monitor instructed the driver of the vehicle to move back onto the ROW and notified the SCE FCR of the incident. According to SCE's incident report, the PAR employee was unaware of the seriousness of the violation. To date, SCE has not provided information that details how this incident was resolved.
- On July 30, the SCE Biological Monitor reported that excavations were not properly covered at Tower 2613. The excavations were initially covered on July 28; however, the construction crew did not have any geotextile fabric so plastic sheeting was used. Consequently, two of the foundation excavations were found to be insufficiently covered to prevent wildlife from entering and falling into the holes. Upon notification, the foundation set-up crew repaired the foundation covers.
- As a result of a significant monsoonal storm that occurred on July 31, BMPs located at several tower disturbance areas were damaged (see Figure 6). PAR Electric dispatched maintenance crews throughout the subject period to remediate damages where required.
- On August 1, the onsite biological monitor observed that a roller was left parked overnight at the existing DPV1 tower adjacent to DPV2 tower 1140.
- During the subject period, a total of six non-reportable spills occurred at Towers 2234, 2236, 2257, 2262 and 2349. For each spill occurrence, proper remedial efforts were implemented.
- There were four reported incidents associated with working without a Biological Monitor present during the subject period.
- There were five reported incidents by the CPUC EM and FRED associated with improper implementation of SWPPP conditions, including inadequate/damaged secondary containment during the subject time period (see Figure 7).
- There were six reported incidents associated with proper disposal of trash and construction debris during the subject period.
- On August 2, the CPUC EM confirmed at Tower 1044 that the contractor was in compliance with the USFS Fire Plan and PAL D activity level.

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 the closeout of wall panel installation and jute netting of slopes. Package 2 construction activities, including foundation development, were initiated. Due to storm damage that occurred during the subject period, maintenance and repair activities were conducted along the CRS access road (see Figure 8).
2. CRS Telecomm Line (BLM and Private Lands) – No major activities were conducted along the CRS telecomm line during the subject period.
3. Series Capacitor (BLM Lands) – Activities associated with the expansion of the existing Series Capacitor site included site grading, ground wire trenching, foundation construction, and relocation of the existing Imperial Irrigation District (IID) distribution line.
4. Red Bluff Substation (BLM Lands) – Activities that were conducted at the Red Bluff site included ongoing grading of cut and fill areas, installation of drainage structures, rock crushing of native fill, and erection of the perimeter wall. Well development, involving pumping of the well, continued throughout the subject period. Activities that were conducted along the primary access road between Corn Springs Road and the substation eastern entrance included grading, installation of gravel road base, and culvert and drainage improvements (see Figure 9). Mobilization activities associated with the Package 2 construction phase continued. 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.
6. Valley Substation (Private Lands) – Activities included drilling and pouring concrete for the circuit breakers and disconnect switches.

Environmental Compliance

- SCE General, Biological, and Archeological Monitors were onsite, as appropriate, throughout all construction activities associated with CRS, the Red Bluff Substation, Devers Substation, Valley Substation, and the Series Capacitor sites.
- On August 3, the SCE Biological Monitor identified two inadequately covered foundation excavations within the disturbance limits of CRS. Although the CRS limits are currently bounded by existing exclusionary fencing, all open excavations should be adequately covered as a condition of the project Biological Opinion. The SCE Biological Monitor recorded the incident and discussed the concern with the construction crew.
- On August 3, the SCE Biological Monitor observed water running from a tank located at CRS, resulting in flows outside of the disturbance limits. The SCE Biological Monitor notified the construction site representative from ULM and the contractor resolved the issue.

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.
- During the subject period, a total of three non-reportable spills occurred at the Indio 2 Yard. Proper remedial efforts were implemented.

- There were five reported incidents associated with improper implementation of SWPPP conditions, including inadequate secondary containment and excessive track-out, at the Chiriaco Summit and Indio 2 Yards during the subject period.
- There was one reported incident associated with proper disposal of trash and construction debris at the Chiriaco Summit Yard during the subject period.
- It was reported that PAR Electric hired three personnel during the subject period to address and resolve issues associated with inadequate implementation of SWPPP conditions, disposal of trash, and general housekeeping.

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 08/29/12)

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
CPUC NTPs				
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 #/ Permit	Date Requested	Date Issued	Segment	Description
NTP #10	10/08/11	12/02/11	T/L – Devers to Valley	Construction of the DPV2 transmission line between existing Devers and Valley Substations; not including San Bernardino National Forest lands.
NTP #11	11/08/11	12/10/11	Yards	Construction of Devers 2 and Indio 2 Construction Yards.
NTP #12	01/20/12	02/03/12	Yards	Construction of Desert Center 3 Construction Yard.
NTP #13	04/12/12	05/09/11	Substation	Devers Substation upgrades
NTP #14	06/13/12	06/20/12	Substation	Valley Substation upgrades
	06/19/12	Under Review	T/L- Devers to Valley	H10- Helicopter Landing Zone
	07/16/12	Under Review	Substation	Colorado River Substation to Blythe South East Telecommunication Route
BLM NTPs				
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 08/29/12)

Variance Request	Date Requested	Date Issued	Segment	Description
Private Lands (CPUC Jurisdiction)				
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.

Variance Request	Date Requested	Date Issued	Segment	Description
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.
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.

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

Variance Request	Date Requested	Date Issued	Segment	Description
—	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.
	08/22/12	Under Review	T/L	Request for the use of an existing spur road to Tower 2242.
BLM				
BLM #1	10/18/11	10/27/11	Substation	Request to install a temporary guard structure along the entrance of the existing transmission line access road for Colorado River Substation.
BLM #2	10/19/11	10/27/11	Substation	Request to approve 24-hour drilling operations at the CRS site.
BLM #3	01/24/12	02/28/12	Red Bluff	Rock Crushing
BLM #4	03/16/12	03/30/12	Substation	Red Bluff Loop-in pull site modifications.
BLM #5	03/22/12	05/18/12	T/L	DPV2 Gas Line Road.
BLM #6	03/23/12	04/10/12	Substation	CRS pull sites.
BLM #7	03/28/12	04/11/12	Substation	Request for HLZ (helicopter landing zone) at Red Bluff Loop-in Tower site RB1-2W.
BLM #8	04/06/12	05/16/12	Substation	Additional water sources @ Red Cloud Road, Red Bluff Substation.
DNA #1	10/27/11	12/07/11	Series Capacitor	Request for a slight expansion of the Series Capacitor site due to engineering conflicts.
DNA #2	12/21/11	02/01/12	Red Bluff	Request to install secondary well at Red Bluff Substation site.
DNA #3	12/22/11	05/24/12	Series Capacitor	Request to relocate a portion of the Imperial Irrigation District distribution line located at the Series Capacitor site.
DNA #4	02/01/12	05/24/12	T/L	Request for the addition of proposed helicopter construction and maintenance platforms to the description included in the Project Refinements 1 and 2 documents.
DNA #5	03/05/12	05/22/12	Red Bluff Loop-ins	Request to revise road locations.
DNA #6	04/04/12	04/17/12	Substation	Red Bluff Substation access road realignment.
DNA #7	04/12/12	05/22/12	Series Capacitor	Certain activities to be constructed within the footprint of the Series Capacitor bank.
DNA #8	05/02/12	07/31/12	T/L	Additional access route between Towers 2528X and 2527.
DNA #9	05/19/12	06/15/12	CRS	Request for a permanent turning radius along the CRS access road.
DNA #9	06/04/12	06/15/12	CRS	300-foot driveway along the CRS access road.

Variance Request	Date Requested	Date Issued	Segment	Description
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	Retracted	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
USFS				
USFS-1	03/15/12	03/20/12	T/L	SBNF engineering modifications (revised disturbance areas).

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 08/29/12)

TEWS Request	Date Requested	Date Approved	Segment	Description
CPUC				
#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
BLM				
Level 1 #1	06/06/12	06/11/12	Red Bluff Loop In	RB1-4E disturbance area shift.
Level 1 #2	07/12/12	08/06/12	T/L	Request for two stand tank locations. Received revised request from SCE on 08/06/12.

NON-COMPLIANCES & INCIDENTS

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

TABLE 4
CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA
 (Updated 08/29/12)

Type	Date Issued	Location	Description
CPUC Project Memoranda (PM)			
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.
CPUC Non-Compliance Reports (NCR)			
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.

CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

TABLE 5
CONSTRUCTION PROGRESS STATUS
(As of 08/11/12)

Agency	Total	Released for Construction	Foundations Completed	Towers Erected	Wire Installed
Non Federal (CPUC)	350	257	182	41	0
Bureau of Land Management (BLM)	204	195	131	21	0
US Forest Service (SBNF)	12	12	0	0	0
Total	566	464	313	62	0

PROJECT PHOTOGRAPHS



Figure 1. Wet crossing installation at Tower 2325.



Figure 2. Asphalt repair on the access road to Tower 2117. (Photo Courtesy of FRED)



Figure 3. Drilling activities at Tower 2456.

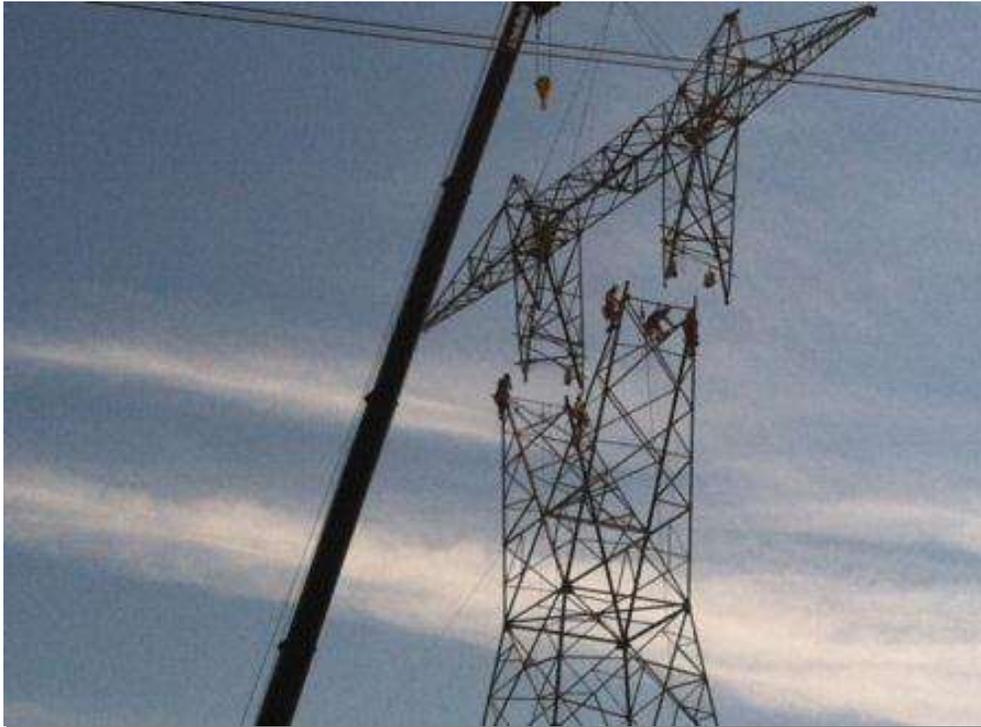


Figure 4. Tower Bridge erection at Tower 2127.



Figure 5. Vegetation clearing at Tower 1044.



Figure 6. Storm damage to BMPs at Tower 2608.



Figure 7. Plastic sheeting used for inadequate secondary containment at Tower RB2-3E.



Figure 8. Storm repairs were conducted along the CRS access road.



Figure 9. Road base installation continued along the Red Bluff access road.