



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: October 4, 2012
Subject: Weekly Report 61, September 10 to September 16, 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, Liz Majchrowicz, and Scott Debauche.

TRANSMISSION LINE CONSTRUCTION

Summary of Activity

1. Colorado River Substation (CRS) to Red Bluff Substation
 - Maintenance of BMPs occurred at Towers 2538, 2544, 2545, 2546, 2600, 2606, 2608, 2611, 2612, 2614, 2616, 2617, 2618, 2619, 2621, 2622, 2623, 2625, 2626, 2629, 2631-2648, CR1-3E, CR1-4E, CR1-5E, and CR1-1W and Wire Site 103.
 - Spur road and/or crane pad grading occurred at Towers 2640-2646.
 - Tower foundation drilling activities occurred at Towers 2537, 2543, and 2548.
 - Tower foundation concrete pouring activities occurred at Towers 2503, 2537, 2543, and 2548.
 - Tower assembly and/or steel deliveries occurred at Towers 2534, 2537, 2538, 2540, 2541, 2542, 2545, 2546, 2547, 2548, 2549, 2550, 2553, 2554, 2555, 2556, 2627, 2641, and 2645.
 - Wire stringing activities occurred at Towers 2649, 2651, CR1-1E, CR1-2E, CR1-3E, and CR1-4E.
2. Red Bluff Substation to Devers Substation
 - Installation of BMPs occurred at Towers 2244, 2416, and 2450.
 - Maintenance of BMPs occurred at Towers 2012, 2013, 2109, 2112, 2232, 2244, 2249-2261, 2347, 2348, 2414, 2415, 2416, 2419, 2445, 2447, 2449, and 2450, and at Helicopter Landing Zone (HLZ) H4.
 - Spur road and crane pad grading occurred at Towers 2110, 2414, 2415, 2515, and RB1-2W (see Figure 1).



- Rock clearing and micropile foundation preparation occurred at Tower 2310 (see Figure 2).
- Micropile drilling activities occurred at Towers 2412, 2424, and 2425 (see Figure 3).
- Tower foundation drilling activities occurred at Towers 2108, 2109, 2110, 2121, 2414, 2416, 2417, 2418, 2419, 2420, 2502, 2503, 2504, 2505, 2506, 2507, 2537, 2548, 2554, and 2555.
- Tower foundation concrete pouring activities occurred at Towers 2013, 2108, 2109, 2110, 2414, 2415, 2416, 2417, 2418, 2502, 2503, 2504, 2505, 2506, 2507, 2518, and 2537.
- Tower foundation repair activities occurred at Tower 2327.
- Tower assembly and/or steel deliveries occurred at Towers 2112, 2239, 2242, 2243, 2245, 2248 to 2250, 2252, 2253, 2261 to 2264, 2268, 2301, 2303X, 2304, 2306, 2316, 2317, 2320, 2321, 2324, 2325, 2347, 2348, 2349, 2415, 2417, 2451, 2452, 2457, 2501, and RB1-2E.

3. Devers Substation to Valley Substation

Non-USFS Land

- Installation of BMPs occurred at Towers 1081, 1104, 1114, and at wire stringing sites DV Pull Site R3 and DV Wire Site 25 extension.
- Maintenance of BMPs occurred at Towers 1032, 1033, 1034, 1053, 1082, 1111, 1148, 1149, 1151, and 1154.
- Vegetation clearing occurred at Towers 1013, 1104, 1105, 1114, 1115, 1125, 1126, and wire stringing site DV Wire Site 25 Extension.
- Spur road and crane pad grading occurred at Towers 1013, 1082, 1094, 1097, 1099, 1137, 1138 and wire stringing sites DV Pull Site R2 and Salvage Rewind Site M15-T1, DV Pull Site R3 and DV Wire Site 25 extension.
- Maintenance grading on the ROW access road occurred between Towers 1094 and 1099, and near 1137.
- Rock clearing and micropile foundation preparation occurred at Towers 1032, 1035, 1049 and 1050.
- Tower foundation drilling activities occurred at Towers 1018, 1117, 1118, 1119, 1148, 1149, and 1150.
- Tower foundation concrete pouring activities occurred at Towers 1118, 1119, 1149, 1150, 1151, 1152, and 1154.
- Tower assembly and/or steel deliveries occurred at Tower 1051 and 1054.
- Trenching for grounding wires occurred at Tower 1057, 1058, and 1059.
- Wire string activities occurred between Towers 1062 and 1063, R2 and R3, and associated pull sites in the Section 20 Reroute (see Figure 4).

USFS Land

- Maintenance of BMPs occurred at Towers 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, and 1048.
- Rock clearing and micropile foundation preparation occurred at Tower 1040.

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.
- The CPUC EMs confirmed Authorized Coachella Valley Fringe-toed monitors and handlers were onsite during construction activities at applicable sites.
- The CPUC EMs reported that foundation holes were adequately covered throughout the subject period.
- There were two reported incidents associated with driving outside of approved disturbance limits during the subject period.
 - On September 11, a vehicle drove approximately seven feet outside the access road limits between Towers 2242 and 2244, near the entrance of Dillon Road. Reported impacts to resources included 130 feet of tire tracks in sandy soil and limited impacts to vegetation. The incident occurred within Desert Tortoise modeled habitat, and flat-tailed horned lizard modeled habitat (see Figure 5).
 - On September 14, a vehicle drove approximately 3-4 feet off the edge of the berm to allow an SCE Biological Monitor to pass along the access road between Towers 2244 and 2245. The driver of the vehicle completed the re-training process and was reminded of the importance of staying on the approved access roads.
- SCE is currently providing the contractor with a list of sites that require BMP maintenance and a deadline date by which repairs at each site must be made according to conditions of the project SWPPPs. During the subject period, the SCE General Monitors identified a total of 31 sites that required maintenance to BMPs and were subsequently added to the list (see Figure 6). Additionally, the SCE General Monitors determined that there were a total of eight sites where maintenance activities were not conducted prior to the required deadline.
- There was one incident associated with excessive vehicle speeds reported during the subject period.
- During the subject period, there was one reported incident of crews arriving onsite prior to the site being swept for biological resources at Tower R2.
- On September 10, the onsite Biological Monitor noted a set of tracks leading away from Tower 1137 where a bulldozer had been staged on the previous work day (see Figure 7). The bulldozer appeared to have been stolen by a member of the public. All of the equipment was in their respective places where they had been staged on the previous work day. The contractor was able to locate the bulldozer via its onboard GPS and was able to recover it. A police report was filed for the theft.
- On September 10, the onsite Biological Monitor at Tower 2303X noted an ongoing occurrence of vehicles not being inspected for wildlife. No effort had been made to check under tires for wildlife, such as desert tortoises, even after the Biological Monitor reminded the crew several times throughout the day.
- On September 13, the CPUC EM observed an SCE Biological Monitor properly escorting a tracked drill rig, per BLM request, along the access road between Towers 2506 and 2507.

Non-Compliance Report #10 was 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 and installing forms for the MEER building, trenching for grounding work, developing transformer pads, and finishing of the perimeter wall panels. Storm damage repairs continued along the CRS access road.
2. CRS Telecomm Line (BLM and Private Lands) – No construction activities were conducted during the subject period.
3. Series Capacitor (BLM Lands) – No construction activities were conducted during the subject period.
4. Red Bluff Substation (BLM Lands) – Activities that were conducted at the Red Bluff site included construction of transformer pads and the MEER building, installation of drainage structures, trenching slopes for grounding, drilling and pouring concrete foundations, form installation, 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 the installation of the waterline and manholes in the substation expansion area and at the southern end of the substation activities associated with the 220 kV switchrack upgrades continued.
6. Valley Substation (Private Lands) – No construction activities occurred during the subject period.

Environmental Compliance

- SCE General, Biological, and Archeological Monitors were onsite, as appropriate, throughout all construction activities associated with CRS, the Red Bluff Substation, Devers Substation, and the Series Capacitor sites.
- A total of two incidents associated with vehicles traveling at excessive speeds were reported during the subject period. Each of these incidents occurred along the CRS access road.
- A total of two incidents associated with improper disposal of trash (including food scraps) were reported during the subject period. Each of these incidents occurred at CRS.
- On September 10, a delivery truck scheduled to drop materials at the Red Bluff Substation, inadvertently traveled approximately eight miles south on Corn Springs Road and well out of the approved limits for the project. At this location, the delivery truck became stuck in a sandy wash and required assistance. Upon notification, the SCE Biological Monitor escorted a boom truck to the location of the stuck delivery truck. The truck was removed and there were no significant impacts to biological resources reported.
- On September 11, the SCE FCR (Field Contact Representative) reported that a concrete truck had traveled along the Red Bluff access road prior to the early morning biological sweep. The FCR notified the construction representatives that the incident would be written up as a non-compliance. To date, SCE has not provided the CPUC with information detailing how this incident was resolved.
- On September 12, the CPUC EM observed excessive pools of water that had developed along the Red Bluff access road due to heavy rains from the previous day (see Figure 8). The SCE FCR confirmed that construction site representatives had already been notified and that a road maintenance crew was scheduled to conduct repairs, including removing the water, the following day.

- On September 12, the onsite Biological Monitor at the Devers Substation observed an open manhole for the new water line left uncovered overnight (see Figure 9). The manhole was inspected the following morning and no entrapped wildlife was observed. The crew put a piece of plywood over the hole during the day and made sure that all other open holes were covered at this time as well.
- On September 14, the SCE Biological Monitor observed a concrete truck drive off the paved CRS access road between Towers 2644 and 2645 (see Figure 10). The driver of the truck that was scheduled for activities within CRS reported that he swerved off the road to avoid running over a lizard. The incident resulted in disturbance to approximately 500 square feet of occupied desert tortoise habitat; however, no biological resources were directly impacted. To date, SCE has not provided the CPUC or BLM with information detailing how this incident was resolved.

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 were three incidents associated with improper disposal of trash (including food scraps) reported from the Blythe, Desert Center 1 (PAR), and Summit Construction Yards during the subject period.
- Following a phone call from the CPUC EM, a site visit was conducted at the Chiriaco Summit Construction Yard on September 10. Several vehicles and pieces of equipment were parked onsite without secondary containment. The waste container was full resulting in some trash not being completely covered. Representatives of Greenstone (PAR Environmental) placed secondary containment under equipment and vehicles. The full waste containers were not emptied at that time.

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 10/03/12)

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 #/ Permit	Date Requested	Date Issued	Segment	Description
NTP #7	09/09/11	12/01/11	T/L – DPV1	Construction activities associated with a minor relocation of the Devers-Valley No. 1 Line (DV1).
NTP #8	10/08/11	12/02/11	T/L – CRS to Red Bluff	Construction of the DPV2 transmission line between Red Bluff and Colorado River Substations and replacement of existing DPV1 overhead ground wire; non-BLM lands.
NTP #9	10/08/11	12/02/11	T/L – Devers to Red Bluff	Construction of the DPV2 transmission line between the existing Devers Substation and the new Red Bluff Substation; non-BLM lands.
NTP #10	10/08/11	12/02/11	T/L – Devers to Valley	Construction of the DPV2 transmission line between existing Devers and Valley Substations; not including San Bernardino National Forest lands.
NTP #11	11/08/11	12/10/11	Yards	Construction of Devers 2 and Indio 2 Construction Yards.
NTP #12	01/20/12	02/03/12	Yards	Construction of Desert Center 3 Construction Yard.
NTP #13	04/12/12	05/09/11	Substation	Devers Substation upgrades
NTP #14	06/13/12	06/20/12	Substation	Valley Substation upgrades
—	06/19/12	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
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 10/03/12)

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)

Variance Request	Date Requested	Date Issued	Segment	Description
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.
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.

Variance Request	Date Requested	Date Issued	Segment	Description
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 #21 Mod	09/24/12	10/03/12	T/L	Request for a modification to Variance #21 for the expansion of the egress at the Lake Tamarisk 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

Variance Request	Date Requested	Date Issued	Segment	Description
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	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.
VR #42	08/14/12	09/21/12	T/L	Request for a road to be used as a helicopter picking site near Tower 1031.
—	08/14/12	Retracted	T/L	Request that Helicopter Landing Zones (HLZs) on Devers to Valley be exempt from construction screening MM V-1a.
VR #43	09/18/12 (revised)	09/21/12	T/L	Request revisions to pull sites from Devers to Red Bluff.
VR #44	09/24/12	09/28/12	T/L	Request a stub road revision at Tower 1147.
	09/20/12	Under Review	T/L	Helicopter Picking Locations for Sites 1112 and 1108.
	09/25/12	Under Review	T/L	Request for the use of additional access roads on the Devers to Valley section.
	10/02/12	Under Review	T/L	Request for an additional water source in the Devers to Valley section.
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.

Variance Request	Date Requested	Date Issued	Segment	Description
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.
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.
BLM #9	04/04/12	09/21/12	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.
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 10/03/12)

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.
Level 1 #3	09/13/12	Partial Approval on 09/17/12, Complete Approval on 09/24/12	T/L	Remove visual screening at Helicopter Landing Zones H1E H4 and H5. *Approved the removal of screening at H4 on 09/17/12. Approval of the removal of screening at H1E and H5 on 09/24/12.
Level 1 #4	09/14/12	09/17/12	T/L	Request to shift the tower disturbance area at Tower 2644.
Level 1 #5	09/14/12	09/19/12	T/L	Request to use an existing road (Ford Dry Lake Road) as access.
Level 2A #1	09/20/12	09/24/12	T/L	Request for pull site revisions from Devers to Red Bluff.
Level 1 #6	09/25/12	09/26/12	T/L	Request the use of an additional access route to Tower 1130.

NON-COMPLIANCES & INCIDENTS

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

TABLE 4
CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA
 (Updated 10/03/12)

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.
PM #10	09/21/12	Tower 1037	Work occurred at Tower 1037 without the Fire Patrol Representative on site, a requirement on the Fire Plan.
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.

Type	Date Issued	Location	Description
NCR #5	07/02/12	Near 2204 and 2205	Project equipment drove outside the approved road width along the access road near Towers 2204 and 2205. These towers are located within the Coachella Valley Preserve.
NCR #6	07/06/12	Near Tower 1083	Project equipment drove outside the existing road width along the access road near Tower 1083.
NCR #7	07/12/12	Tower 2437	Inadequate covering of a foundation excavation at Tower 2437. Violation of BO-13.
NCR #8	07/23/12	Near Tower 2604	Project equipment drove outside the approved road limits along Chuckwalla road west of Tower 2604.
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 09/22/12)

Agency	Total	Released for Construction	Foundations Completed	Towers Erected	Wire Installed
Non Federal (CPUC)	350	296	232	93	0
Bureau of Land Management (BLM)	204	205	169	53	0
US Forest Service (SBNF)	12	24	0	0	0
Total	566	525	401	146	0

PROJECT PHOTOGRAPHS



Figure 1. Construction fencing was placed at the boundaries of the access road to Tower 2110 to prevent off road impacts to Coachella Valley Fringe-toed Lizard habitat during access road grading and foundation excavation activities.



Figure 2. Micropile foundation site preparation at Tower 2310.



Figure 3. Helicopter transporting materials during micropile drilling activities at Tower 2424.



Figure 4. Wire stringing activities at Tower 1062. The helicopter is pulling the sockline.



Figure 5. Tire tracks in sandy soil resulting from a project vehicle driving seven feet outside of the access road limits for 130 feet near Tower 2242.



Figure 6. Coachella Valley Fringe-toed lizard fencing and BMPs damaged by a storm at Tower 2341.



Figure 7. Tracks left outside the disturbance area of Tower 1137 when a dozer was stolen and driven cross country. The gravel bags in the forefront of the photo were also damaged when driven over.



Figure 8. Heavy pooling along the Red Bluff access road due to recent rain.



Figure 9. Manhole that was left uncovered overnight at the Devers Substation.



Figure 10. Concrete truck that traveled off paved CRS access road between Towers 2644 and 2645 (photo courtesy of FRED).