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PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: September 20, 2012
Subject: Weekly Report 59, August 27 to September 2, 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
 - Installation of BMPs occurred at Towers 2620, 2633, and 2646 and at Wire Sites 95, 96, and 106.
 - Maintenance of BMPs occurred at Towers 2538-2545, 2621, 2623, 2625, 2627, 2628, 2630, 2631, and 2634-2647 and at Wire Site 96.
 - Vegetation clearing occurred at the Pull Site associated with DPV1 M127-T2 and Wire Sites 89, 90, 91, 92, 95, 96, and 106.
 - Spur road and/or crane pad grading occurred at Tower 2548, and at the Pull Site associated with 2649, and at Wire Sites 89, 90, 91, 92, and 106.
 - Tower foundation drilling activities occurred at Towers 2654 and CR1-7W.
 - Tower foundation concrete pouring activities occurred at Tower CR1-7W.
 - Tower assembly and/or steel deliveries occurred at Towers 2536, 2539, 2540, 2541, 2542, 2545, 2547, 2459, and 2550.
 - Wire stringing activities occurred at Towers 2649, CR1-1E, CR1-2E, CR1-3E, CR1-4E, CR1-2W, CR1-3W, CR1-4W, at the Pull Sites associated with 2649 and CR1-2W, and at Wire Sites 88 and 103 (see Figure 1).
2. Red Bluff Substation to Devers Substation
 - Installation of BMPs occurred at Towers 2416, 2244, and 2420.



- Maintenance of BMPs occurred at Towers 2210, 2211, 2214, 2219, 2226, 2227, 2228, 2229, 2230, 2230AX, 2232, 2234, 2236, 2237, 2238, 2239, 2240, 2241-2326, 2328, 2345-2356, 2419, 2420, and 2510-2526.
- Vegetation clearing occurred at Towers 2010, 2121, 2320-2330, 2340, 2342, 2412, 2416-2427, 2503, 2504, 2505, and at Wire Site 61/Pull Site 62/Splice Site 47.
- Spur road and crane pad grading occurred at Towers 2010, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2244, 2414, 2416, 2417, 2418, 2419, and 2420.
- Tower foundation drilling activities occurred at Towers 2008, 2010, 2011, 2012, 2013, 2414, 2415, 2424, 2500, and 2502. Activities conducted at Tower 2424 were associated with micropile drilling (see Figure 2).
- Tower foundation concrete pouring activities occurred at Towers 2003, 2006, 2008, 2010, 2011, 2400, 2404, 2407, 2414, 2417, 2500, 2501, 2502, and 2503.
- Tower assembly and/or steel deliveries occurred at Towers 2112, 2113, 2114, 2115, 2116, 2117, 2202, 2230, 2230AX, 2231, 2233, 2233XX, 2235, 2235XX, 2239, 2250, 2252, 2256, 2257, 2261, 2261X, 2262, 2304, 2316, 2321, 2340, 2342, 2343, 2345, 2346, 2442, 2444, 2445, 2446, 2447, 2448, 2449, 2541, and 2613 (see Figures 3 and 4).

3. Devers Substation to Valley Substation

Non-USFS Land

- Installation of BMPs occurred at Towers 1007, 1082, 1092, 1096, and 1098.
- Maintenance of BMPs occurred at Towers 1002, 1003, 1004, 1005, 1006, 1017, 1018, 1019, 1020, 1021, 1022, and 1023.
- Installation of perimeter fencing occurred at Helicopter Landing Zone (HLZ) H9 (see Figure 5).
- Vegetation clearing occurred at Towers 1082, 1092, 1096, 1098, 1119, 1120, and 1122 (see Figure 6).
- Spur road and crane pad grading occurred at Towers 1049, 1096, 1097, 1098, 1110, 1111, 1117, 1118, 1119, 1138, and 1148.
- Rock clearing and micropile foundation preparation occurred at Towers 1034, 1049, and 1050 (see Figure 7).
- Tower foundation drilling activities occurred at Towers 1018 and 1019.
- Tower foundation concrete pouring activities occurred at Towers 1019, 1026 and 1056.
- Tower assembly and/or steel deliveries occurred at Tower 1020, 1029, 1030, 1031 and 1058.
- Stephen's Kangaroo Rat exclusionary fence repair occurred at Tower 1100.

USFS Land

- Vegetation clearing occurred at Tower 1048.

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 27, the SCE Biological Monitor reported that a PAR vehicle went over the berm and off the access road while trying to back up near Tower 2542. To date, SCE has not provided the CPUC with information detailing how this specific incident was resolved.
- During the subject period, one non-reportable (< 1 gallon) spill of motor oil occurred. Proper remedial efforts were implemented.
- There were three reported incidents of crews arriving onsite prior to the sites being swept for biological resources at Towers 1148, 2253, and 2502. No biological resources were impacted.
- There were three 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 2545 and 2549. For the second straight week, 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. To date, SCE has not provided the CPUC with information detailing how these specific incidents were resolved.
- There were two incidents associated with improper disposal of trash, including food scraps, reported during the subject period.
- On August 28, the CPUC EM observed a forklift parked adjacent to the right-of-way (ROW) access road near Hayfield Road in an area that is not approved for equipment staging. The CPUC EM notified the SCE General Monitor. Consequently, Kenny Construction was informed of the location of the forklift and it was removed in a timely manner.
- On August 28, the CPUC EM was notified that a water truck driver for the drilling and concrete crews working at Tower 2414 observed a desert tortoise underneath the tire of the vehicle while performing the required inspection. The driver immediately reported the observation to the SCE Biological Monitor and the tortoise was observed until it left the area on its own.
- On August 28, the onsite Biological Monitor observed a single intact egg and a few more crushed eggs while performing a morning sweep for biological resources at Tower 1111. The SCE Field Contact Representative (FCR) was notified and photos and UTM's were taken. To date, it is unclear what type of eggs were impacted at the site or how the eggs were impacted. The CPUC EMs were informed by SCE that the eggs were discovered prior to the crew beginning work. The last time work was conducted at that site was one month prior. SCE has been unable to retrieve the photos that were taken since the monitor is no longer working for the project. The CPUC EMs are awaiting additional information of what the FCR was told by the Biological Monitor and if the FCR can provide anything further.
- On August 30, the CPUC EM was notified of an incident involving conductor wire touching the ground outside of the disturbance limits the previous day. The incident occurred during stringing activities between Towers CR1-3W and CR1-4W and resulted in minor ground disturbance (approximately 100' long parallel markings on the ground) (see Figure 8). Due to the accidental nature of this incident, SCE informed the CPUC EM that they would not be reporting it as a non-compliance.

- During the subject time period three sightings of Coachella Valley fringe-toed lizards were reported on the access road to Tower 2110 during access road staking. No impacts occurred. This access road was extensively staked under the direction of a Qualified Biologist to prevent off road impacts.

Non-Compliance Report #9 was issued during the subject period for Transmission Line activities (details provided in DPV2 Weekly Report #58). 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 perimeter wall panels (see Figure 9). 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) – Phase I construction activities, including those associated with the grounding well, foundations, and tower erection, were completed during the subject period. Demobilization of equipment and materials associated with the Phase I package also occurred.
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 of concrete for the circuit breakers and disconnect switch foundations, as well as trenching for grounding wires. Work came to a completion this week and crews began the process of demobilizing from the substation.

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.
- There were two reported incidents associated with excessive vehicle speed during the subject period. To date, SCE has not provided the CPUC with information detailing how this specific incident was resolved.
- There were two reported incidents associated with improper containment of trash at the Devers Substation during the subject period.

- On September 1, the SCE FCR for the Red Bluff Substation reported that a PAR water truck had been operating in a project area prior to the required biological sweep. The SCE FCR recorded this incident as a non-compliance and conducted a review of the project mitigation measures at the morning tailboard meeting. During the tailboard meeting, the SCE FCR presented the construction crew with photos of juvenile desert tortoises in order to demonstrate the importance of complying with the mitigation measures and conditions of the project.

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. Additionally, the CPUC EM observed uncovered trash bins at the Desert Center 1 and Chiriaco Summit Yards during routine spot checks within the subject period.
- On August 27, the CPUC EM observed 14 personal vehicles parked outside the eastern fence of the Desert Center 1 Yard, which is outside of the approved disturbance limits (see Figure 10). The CPUC EM immediately contacted the SCE General Monitor and Environmental Coordinator. Subsequently, the vehicles were not observed parked in this area the following day and “No Parking” signs were installed to prohibit future violations.
- On August 28, the CPUC EM notified the SCE General Monitor that there were stains on the gravel at several locations within the Chiriaco Summit Yard, indicating leaks that were not properly cleaned up. The SCE General Monitor informed the CPUC EM that the stains were composed of primarily motor oil and diesel fuel and that four representatives from Greenstone were assigned to work on remedial efforts the following day. The SCE General Monitor also identified several non-reportable spills, comprised of motor oil and diesel fuel, at the Desert Center 2 Yard on August 28. Greenstone representative also removed the contaminated soil from these locations.
- On August 28, the CPUC EM conducted a sweep of the Indio yard and the Indio 2 yard and found the yards to be in compliance.

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 09/20/12)

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 #/ Permit	Date Requested	Date Issued	Segment	Description
NTP #6	09/16/11	10/17/11	Substation	Authorization to proceed with improvements to the new Colorado River Substation on private lands, including extension of the existing 33 kV distribution line, installation of a new telecommunication line, and access road improvements.
NTP #7	09/09/11	12/01/11	T/L – DPV1	Construction activities associated with a minor relocation of the Devers-Valley No. 1 Line (DV1).
NTP #8	10/08/11	12/02/11	T/L – CRS to Red Bluff	Construction of the DPV2 transmission line between Red Bluff and Colorado River Substations and replacement of existing DPV1 overhead ground wire; non-BLM lands.
NTP #9	10/08/11	12/02/11	T/L – Devers to Red Bluff	Construction of the DPV2 transmission line between the existing Devers Substation and the new Red Bluff Substation; non-BLM lands.
NTP #10	10/08/11	12/02/11	T/L – Devers to Valley	Construction of the DPV2 transmission line between existing Devers and Valley Substations; not including San Bernardino National Forest lands.
NTP #11	11/08/11	12/10/11	Yards	Construction of Devers 2 and Indio 2 Construction Yards.
NTP #12	01/20/12	02/03/12	Yards	Construction of Desert Center 3 Construction Yard.
NTP #13	04/12/12	05/09/11	Substation	Devers Substation upgrades
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 09/20/12)

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.
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.

Variance Request	Date Requested	Date Issued	Segment	Description
VR #11	09/26/11	09/28/11	T/L	Two water sources for exclusionary fencing work.
VR #12	10/13/11	10/18/11	T/L	Request for parking/temporary staging of vehicles along existing access road within the Coachella Valley Preserve during exclusionary fencing activities.
VR #13	10/26/11	11/10/11	Devers Yard	Request for temporary power supply to provide power to construction trailer at the Devers #1 Construction Yard.
VR #14	11/10/11	11/28/11	Substation	Request for increased well pumping to support civil work, including access road improvements, at Colorado River Substation.
VR #15	12/13/11	12/14/11	Summit Yard	Request for temporary power outside yard boundaries required to power office trailers.
VR #15 Mod	04/25/12	05/02/12	Summit Yard	Request for temporary power modification.
VR #16	12/22/11	01/04/12	Project-wide	Request to approve alternate/extended work hours project-wide.
VR #17	01/04/12	01/09/12	Project-wide	Request to utilize existing approved construction yard and/or exclusionary fencing water sources for transmission line construction needs.
VR #18	10/25/12 10/26/12	Denied 01/13/12	Substation	Request to formalize changes to the Red Bluff MMCRP Mitigation Measure BIO-4 and Applicant Measure BIO-5.
VR #19	01/06/12	01/18/12	T/L	Request to allow the usage of helicopter landing zone H9-DV as a replacement for H8-DV.
VR #20	01/13/12	01/19/12	T/L	Request for the use of offsite water hydrants located in the Cabazon area for dust suppression.
VR#21	01/20/12	02/02/12	T/L	Request for the use of offsite water hydrants located in the Lake Tamarisk area for dust suppression
VR #21 Mod	03/16/12	03/21/12	T/L	Modification to VR #21. Request installation of two driveways and an underground water line adjacent to the approved stand tank locations at the Lake Tamarisk Resort water source.
VR #22	01/25/12	02/02/12	T/L	Request to install 10,000-gallon standing water tanks at three locations.
VR #23	01/27/12	02/21/12	T/L	Request to modify NTP #10 and MM AQ-1g for additional t-line helicopter construction.
VR #24	02/08/12	02/21/12	T/L	Request for approval to purchase MWD water credits in lieu of Colorado River water credits due to the unavailability of water allotments within the Colorado River Basin.
VR #25	02/10/12	02/28/12	T/L	Request for use of existing DPV1 access roads and spur/stub roads for parking and staging of vehicles and equipment.
VR #26	03/09/12	03/16/12	Substation	Request for the use of offsite water source located on a private date farm.

Variance Request	Date Requested	Date Issued	Segment	Description
VR #27	03/09/12	03/20/12	Substation	Request for the use of offsite water source located off Corn Springs Road.
VR #28	03/22/12	03/30/12	T/L	DPV2 Gas Line Road.
VR #29	03/22/12	04/04/12	T/L	DVP1 minor relocation of outage pull sites.
VR #30	03/23/12	04/10/12	Substation	CRS pull sites.
VR #31	04/24/12	05/05/12	T/L	Helicopter landing zone H2 disturbance area revision
VR #32	03/16/12	05/08/12	T/L	HLS H7-DV boundary modification.
VR #33	04/26/12	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	Under Review	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.
	09/18/12 (revised)	Under Review	T/L	Request revisions to pull sites from Devers to Red Bluff.
	09/20/12	Under Review	T/L	Helicopter Picking Locations for Sites 1112 and 1108.
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

Variance Request	Date Requested	Date Issued	Segment	Description
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.
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
	09/20/12	Under Review	T/L	Devers to Red Bluff BLM Pull Site Revisions
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 09/20/12)

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	T/L	Remove visual screening at Helicopter Landing Zones H1E H4 and H5. *Approved the removal of screening at H4. At this time, removal of screening has not been approved for H1E and H5.
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.

NON-COMPLIANCES & INCIDENTS

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

TABLE 4
CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA
 (Updated 09/20/12)

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.
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 09/15/12)

Agency	Total	Released for Construction	Foundations Completed	Towers Erected	Wire Installed
Non Federal (CPUC)	350	279	225	78	0
Bureau of Land Management (BLM)	204	202	164	48	0
US Forest Service (SBNF)	12	12	0	0	0
Total	566	493	389	126	0

PROJECT PHOTOGRAPHS



Figure 1. Adding spacers along the conductor during wire stringing activities at the CRS loop-in tower sites. The linemen ride in 'spacer carts' that travel along the conductor to install the spacers.



Figure 2. Excavation of micropile foundations at Tower 2424.



Figure 3. Steel assembly at Tower 2316.



Figure 4. Steel erection at Tower 2239.



Figure 5. Installation of perimeter fencing at HLZ H9.



Figure 6. Site vegetation clearing at Tower 1120.



Figure 7. Micropile foundation site preparation at Tower 1049.



Figure 8. Area outside disturbance limits between Towers CR1-3W and CR1-4W where conductor wire accidentally touched the ground.



Figure 9. Construction of the MEER building at CRS.



Figure 10. Several vehicles parked outside fenced limits of the Desert Center 1 Yard.