



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: June 25, 2012
Subject: Weekly Report 45, May 21 to May 27, 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, and Jamie Miner

TRANSMISSION LINE CONSTRUCTION

Summary of Activity

1. Colorado River Substation (CRS) to Red Bluff Substation
 - There were no major ground-disturbing activities conducted along this section of the right-of-way (ROW) during the subject period.
 - Tower assembly and/or steel deliveries occurred at Towers 2648, CR1-3E, and CR1-5E.
2. Red Bluff Substation to Devers Substation
 - BMPs were installed at Towers 2018, 2112, 2113, 2114, 2115, 2116, 2133, 2134, 2135, 2200, 2201, 2203, 2252, 2258, 2323, 2338, 2339, 2349, 2352, 2353, 2354, 2404, 2407, 2429, 2443, 2446, 2448, 2451, and 2452.
 - Shaker plates were installed at entrances to the ROW and Frontage, Cottonwood Springs, and Red Cloud Roads.
 - Vegetation clearing occurred at Towers 2133, 2134, 2135, 2136, 2200, 2201, 2203, 2323, 2343, 2352, 2438, 2446, 2448, 2451, and 2452.
 - Desert pavement salvage occurred at Towers 2252, 2258, 2448, and 2525.
 - Soil salvage for special status plants and/or vegetation communities occurred at Towers 2018, 2109, 2113, 2115, 2116, 2133, 2134, 2135, 2203, and 2323 (see Figure 1).
 - Spur road and crane pad grading occurred at Towers 2018, 2109, 2113, 2114, 2115, 2116, 2118, 2122, 2252, 2343, 2351, 2352, 2353, 2355, 2403, 2405, 2406, 2438, 2446, 2448, 2451, 2452, 2510, 2511, 2518, 2525, and 2531 (see Figure 2).



- Tower foundation drilling activities occurred at Towers 2017, 2018, 2019, 2331, 2333, 2334, 2335, 2336, 2341, 2342, 2343, 2344, 2351, 2352, 2353, 2355, 2402, 2406, 2356, 2518, and 2531.
- Tower foundation concrete pouring activities occurred at Towers 2015, 2016, 2017, 2331, 2333, 2334, 2335, 2336, 2341, 2355, 2356, 2402, 2403, 2405, 2518, and 2520.
- Tower assembly and/or steel deliveries occurred at Towers 2002, 2004, 2005, 2406, 2517, 2527, 2530, RB1-3E, RB1-5E, and RB2-5E.

3. Devers Substation to Valley Substation

Non-USFS Land

- Tower foundation drilling occurred at Towers 1002, 1004, 1005, 1006, 1007, 1008, and 1009.
- Tower foundation concrete pouring activities occurred at Towers 1002, 1004, 1005 and 1006.
- Tower assembly and steel deliveries occurred at Towers 1010 and 1004.
- Potholing on the access road occurred near Towers 1075, 1082, 1088, 1089, 1090, and 1091.
- Road maintenance occurred along Smoke Tree Lane at the approved water source (see Figure 3).

USFS Land

- Vegetation clearing and BMP installation occurred at Towers 1037 and 1038.

Environmental Compliance

- The CPUC EMs and SCE General Monitors observed adequate dust control measures during all activities associated with transmission line construction throughout the subject period.
- The CPUC EMs confirmed that approved desert tortoise Authorized Biologists were available at all applicable sites.
- Coachella Valley milk-vetch approved biologists conducted biological sweeps for Coachella Valley Milk-vetch prior to construction and monitored topsoil salvage at all applicable tower sites.
- Coachella Valley fringe-toed lizard Authorized Biologists conducted biological sweeps for Coachella Valley fringe-toed lizards prior to construction at all applicable tower sites and were available at all applicable sites.
- Per the requirements of the Paleontological Monitoring and Treatment Plan, SCE confirmed via email that an approved paleontological monitor was present during grading and foundation drilling activities where required throughout the subject period.
- The CPUC EM's observed Archaeological and Tribal monitors were present at all applicable sites.
- As a prohibitive measure, additional straw wattles were installed along sections of the project access roads identified as areas where construction traffic was traveling outside of road limits (see Figure 4).
- On May 21, a small amount of concrete was spilled from a concrete delivery truck during pouring activities at Tower 2405. The construction crew immediately stopped the driver and began cleaning up the spill. A total of three shovels of concrete were removed. The following day (May 22), the same concrete truck encroached upon an area that was approximately one foot beyond the disturbance limits at Tower 2405. Upon this observation, the construction crew immediately stopped the driver and the foreman instructed the driver to use a spotter while backing up. No resources were impacted as a result of either incident.
- On May 21, a contractor crew potholed at the corner of Coyote and Sunset near Tower 1088. While the crew was working the onsite Biological Monitor became aware that the potholing truck was working within a nesting bird Environmentally Sensitive Area (ESA). The ESA signage was not clear

in the field and the Field Leads were notified. By the time the non-compliance was discovered, work had been completed. A follow-up visit by an Avian Specialist determined that the nesting chicks had fledged and the nest was deemed inactive. SCE's reporting database has been updated.

- On May 22, the steel delivery crew staged material outside of the BMPs and slightly outside of the 200-foot disturbance limits at Towers 2529 and 2531. At each location, the materials were staged on the DPV1 access road, which is approved for parking, but not material storage. When notified of the observation, the construction foreman instructed crews to move the materials to an approved area. No resources were impacted.
- A concrete spill at Tower 2514 and along the ROW access road between Towers 2514 and 2515 was reported by the SCE General Monitor on May 22. The SCE General Monitor notified the appropriate personnel and representatives from Aldridge Construction and Greenstone (the contractors environmental team) cleaned up the spill and disposed of it offsite. An additional minor spill of diesel fuel was reported at Tower 2514 on the same day. The fuel spill consisted of less than 1 quart and was dispersed among five locations within the tower site. The same representatives from Aldridge Construction and Greenstone removed the contaminated soil and disposed of it offsite.
- On May 22, the SCE General Monitor was informed by a representative from PAR that a standing water tank staged at Rice Road and the entrance to the ROW was tampered with resulting in a release of a large quantity of water. The water was observed flowing along the east shoulder of Rice Road and across Aztec Road. In response, a crew from Warren James Construction swept up the water immediately upon notification. Maintenance of the area was completed on May 24 and included resetting the shaker plates, adding additional gravel around the base of the stand tank, and removing accumulated sediment with a street sweeper.
- A mortality report was entered into the FRED database on May 22 for a desert tortoise carcass discovered in the disturbance limits for Tower 2422. The discovery consisted of bones and scutes from an immature tortoise that was determined to be a Class 4 observation. Upon further investigation, it was determined by the SCE Biological Subject Matter Expert that the mortality was not project-related and would have been more accurately reported as "tortoise sign".
- On May 23, the SCE General Monitor reported fugitive dust exiting the approved ROW during mobilization activities to Tower 2448. The SCE General Monitor confirmed that water was not applied to the ROW access road during mobilization. Upon notification, the Warren James foreman assured that water would be applied when the crew demobilized from the site.
- The SCE General Monitor observed spots of diesel fuel along the ROW access road near Tower 2356 on May 23. Upon investigation, the SCE General Monitor determined that the source of the leak was a concrete truck staged at Tower 2356. The SCE General Monitor was notified by a representative from Aldridge Construction that the spill had been cleaned up and contaminated soils were being properly removed from the site.
- On May 23, an SCE General Monitor observed a bobcat without secondary containment in place after the foundation pouring crew left the site for the day at Tower 2341. The drilling crew foreman resolved the issue immediately by placing a drip pan underneath the bobcat.
- On May 24, the windshield of a vehicle belonging to an SCE Biological Monitor was cracked when a rock was projected from the brush hog while vegetation clearing activities were occurring at Tower 2452. The monitor was inside the vehicle when the incident occurred, but sustained no injuries. After the incident occurred, the monitor moved the vehicle out of the disturbance area. Consequently, the monitor was required to complete a remedial safety training course.
- On May 25, a shaker plate crew installed rock base material in an unapproved area near the ROW entrance from the Cactus City Rest Area to Tower 2317. Two stand tanks were also installed on the base (see Figure 5). CPUC EM's discovered the base material and stand tanks in the unapproved area on May 30 and informed the SCE Environmental Coordinator that both the rock base and stand tanks

would need to be removed. The stand tanks were taken offsite by June 1 and the base material was relocated to Tower 2317 on June 7. Project Memorandum #7 was issued on June 1, 2012 for this incident.

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

Agency Representatives during Construction (Other than CPUC EMs):

None.

SUBSTATION CONSTRUCTION AND UPGRADES

Summary of Activity

1. Colorado River Substation (CRS) (BLM Lands) – Ongoing activities associated with CRS that occurred during the subject period included grading, drainage installation, and paving at the substation site. Additional construction activities that were conducted within the substation limits, included wall panel and jute netting installation, and mulching of slopes. BMPs were installed and/or maintained as appropriate within the substation work limits and along the access road.
2. CRS Telecomm Line (BLM and Private Lands) – No major activities were conducted along the CRS telecomm line during the subject period.
3. Series Capacitor (BLM Lands) – Activities associated with the expansion of the existing Series Capacitor site included the installation of BMPs, mobilization and staging of materials and equipment, clearing and grubbing of vegetation, and preliminary civil work (see Figure 6).
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, establishing a laydown yard, and rock crushing of native fill. To accommodate development within the substation limits, adjustments were made to the existing exclusionary fencing in some locations. 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 access road included clearing and grubbing of vegetation, grading, culvert and drainage improvements, and staking of proposed riprap areas. Final installation activities associated with the guard structure at the intersection of Corn Springs Road and the ROW access road were conducted. BMP installation and maintenance continued along this section of road.

Environmental Compliance

- SCE General, Biological, and Archeological Monitors were onsite, as appropriate, throughout all construction activities associated with CRS, the Red Bluff Substation, and the Series Capacitor sites.
- The CPUC EM observed the implementation of adequate dust control measures and BMPs throughout the subject period (see Figure 7).
- While conducting a sweep of the CRS access road project area on May 23, the SCE Biological Monitor collected several cigarette butts and two discarded plastic water bottles. Although the responsible party was not identified, there was a large amount of construction traffic and construction parking along the section of road where the litter was identified that day. The SCE Biological Monitor gathered the litter and disposed of it offsite. The SCE Biological Monitor notified the SCE General Monitor of the incident. The SCE General Monitor confirmed that the importance of removing all trash would be reemphasized during tailboard meetings with the construction crews.
- On May 24, the SCE Biological Monitor reported that while driving along a paved portion of the CRS access road at 25 mph, he was passed by a dump truck traveling at speeds approximated at 30-35 mph. The SCE Biological Monitor notified the ULM site representative and the driver of the truck

was stopped further down the road. The driver was then given a verbal warning that project speed limits must be maintained.

- The SCE General Monitor observed several 5-gallon buckets of form oil on a pallet with no secondary containment at the Red Bluff Substation site on May 25. The SCE General Monitor notified the ULM site representative and contractor. The contractor removed all of the buckets from the pallet and placed them in the back of his vehicle.
- A total of three Mojave fringe-toed lizard mortalities, all associated with construction activities at the CRS and CRS loop-in sites, were reported by SCE during the subject period. Since the Mojave fringe-toed lizard is not a listed species, there is not an incidental take statement and no take threshold.

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.
- On May 23, the CPUC EM observed scattered trash and a lack of secondary containment at the Indio 2 Yard (see Figure 8). The CPUC EM notified the SCE General Monitor who confirmed that the issues would be resolved that day.
- On May 25, the CPUC EM observed construction yard screening at the Devers 2 Yard was ripped of the fencing in couple of places (see Figure 9). The CPUC EM spoke to the Contractor Site Representative who said that the fencing was on order and would be fixed as soon as possible.

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 06/25/12)

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
NTP #15	06/19/12	Under Review	T/L- Devers to Valley	H10- Helicopter Landing Zone
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 06/25/12)

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 #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

Variance Request	Date Requested	Date Issued	Segment	Description
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
	04/12/12	Under review	T/L	Preconstruction survey extension request from 14 days to 30 days
	06/20/12	Under review	T/L	Request a disturbance area shift for Tower 1013 due to engineering changes.
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	04/04/12	04/17/12	Substation	Red Bluff Substation access road realignment.
DNA #5	03/05/12	05/22/12	Red Bluff Loop-ins	Request to revise road locations.
DNA #7	04/12/12	05/22/12	Series Capacitor	Certain activities to be constructed within the footprint of the Series Capacitor bank.
	12/22/11	Under review	Series Capacitor	Request to relocate a portion of the Imperial Irrigation District distribution line located at the Series Capacitor site.
	02/01/12	Under review	T/L	Request for the addition of proposed helicopter construction and maintenance platforms to the description included in the Project Refinements 1 and 2 documents.
	04/04/12	Under review	T/L	Request for a HLZ and temporary disturbance area shifts.
	05/02/12	Under review	T/L	Additional access route between Towers 2528X and 2527.

Variance Request	Date Requested	Date Issued	Segment	Description
	05/19/12	Under Review	CRS	Request for a permanent turning radius along the CRS access road.
	06/04/12	Under Review	CRS	300-foot driveway along the CRS access road.
	06/18/12	Under Review	Substation	Request to build a telecom site near Desert Center for Red Bluff Substation
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 06/25/12)

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.
BLM				
Level 1 #1	06/06/12	06/11/12	Red Bluff Loop In	RB1-4E disturbance area shift.

NON-COMPLIANCES & INCIDENTS

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

TABLE 4
CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA
 (Updated 06/25/12)

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.

CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

TABLE 5
CONSTRUCTION PROGRESS STATUS
(As of 06/16/12)

Agency	Total	Released for Construction	Foundations Completed	Towers Erected	Wire Installed
Non Federal (CPUC)	350	170	86	14	0
Bureau of Land Management (BLM)	204	172	57	8	0
US Forest Service (SBNF)	12	12	0	0	0
Total	566	566	143	22	0

PROJECT PHOTOGRAPHS



Figure 1. Soil salvage for sensitive plant species at Tower 2133.



Figure 2. Grading the crane pad for Tower 2113



Figure 3. Road maintenance on Smoke Tree Lane at approved water source.



Figure 4. Straw wattles installed along access road near Tower 2425 to avoid off-road construction travel.



Figure 5. Water Stand Tanks and road base material installed in unapproved area at the ROW entrance near Cactus City Rest Area and Tower 2317.



Figure 6. Grading activities conducted at the Series Capacitor expansion site.



Figure 7. Adequate dust control measures implemented at the Series Capacitor expansion site.



Figure 8. Scattered trash observed at the Indio 2 Yard.



Figure 9. Construction yard screening at Devers Yard ripped away from fencing.