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PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: May 21, 2012
Subject: Weekly Report 41, April 23 to April 29, 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 Gallego, and Jamie Miner

TRANSMISSION LINE CONSTRUCTION

Summary of Activity

1. Colorado River Substation (CRS) to Red Bluff Substation
 - Spur road and crane pad grading occurred at Tower 2646.
 - Tower assembly and steel deliveries occurred at Towers 2648, 2649, 2650, 2651, 2652, CR1-1W, CR1-2W, CR1-3W, CR1-4W, CR1-5W, and CR1-5E.
2. Red Bluff Substation to Devers Substation
 - BMPs were installed at Towers 2001, 2002, 2003, 2005, 2009, 2131, 2206, 2232, 2238, 2415, 2450, 2454, 2456, 2502, 2546, and 2552.
 - Rock mulching and desert pavement salvage activities were conducted at Tower 2524.
 - Vegetation clearing occurred at Towers 2001-2005 and 2007.
 - Spur road and crane pad grading occurred at Towers 2523, 2526, 2527, 2529, 2530, and 2531.
 - Tower foundation drilling activities occurred at 2416, 2426, 2505, 2506, 2507, 2508, 2512, 2513, 2516, 2520, 2522, 2523, 2524, 2526, 2527, and 2532 (see Figure 1).
 - Tower foundation concrete pouring activities occurred at Towers 2512, 2516, 2520, 2522, 2523, 2524, 2526, 2529, 2532, 2533, and 2533.
 - Tower assembly and steel deliveries occurred at Tower RB1-3E.
 - Potholing occurred on the access road between Towers 2127 and 2130, 2130 and 2136, 2200, and 2223.



3. Devers Substation to Valley Substation

Non-USFS Land

- BMPs were installed at Towers 1004, 1005, 1007, 1009, 1018, 1021, 1024, 1025, and 1095.
- BMP maintenance occurred at Towers 1006, 1015, 1016, and 1023.
- Vegetation clearing occurred at Towers 1004, 1005, 1007, 1009, and 1071.
- Topsoil salvage occurred at Tower 1071 (see Figure 2).
- Spur road and crane pad grading occurred at Towers 1017 and 1095. The access road to Tower 1017 was also graded for maintenance.
- Tower foundation drilling occurred at Towers 1015, 1021, and 1022.
- Tower foundation concrete pouring activities occurred at Towers 1022 and 1024.
- Tower assembly and steel deliveries occurred at Towers 1052, 1053, 1054, 1055 and 1057.
- Steel plates were placed over a fiber optic line on the access road near Tower 1013.

USFS Land

- Vegetation clearing and BMP installation occurred at Towers 1044, 1047, and 1048 (see Figure 3).

Environmental Compliance

- Biological and Archaeological monitors were present as applicable during all transmission line construction activities.
- The SCE General Monitor observed adequate dust control measures at all Devers to Valley construction sites.
- The CPUC EMs observed 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 at all applicable tower sites.
- Coachella Valley fringe-toed lizard approved 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.
- On April 24, the CPUC EM's observed a desert tortoise walking down the access road from Tower 2416 while they were conducting the field verification. No construction activities were occurring in the vicinity (see Figure 4).
- On April 24, spoils from the foundation excavation were spread on the desert pavement within the temporary disturbance area at Tower 2524. According to the Desert Pavement Plan, spoils shall be spread within the permanent disturbance area (i.e. 20 feet around the tower legs). The desert pavement was fairly undisturbed. A site meeting was conducted after the incident and it was determined that more direction would be given to the crew, and that maps and written guidance would be given to the operators for reference and discussed at the morning tailboard (see Figure 5).
- On April 24, the CPUC EM notified the SCE Biological Field Lead of two locations along the north-south access road off Rice Road where vehicles had driven out of the approved road width. The Field Lead indicated that Environmentally Sensitive Areas (ESA) signs would be installed at those locations to prevent further incidents (see Figure 6).
- On April 26, a concrete pump truck was observed parked overnight at Tower 2532, approximately 100 feet from a jurisdictional waterway. Secondary containment of an absorbent pad and a kiddie pool was observed in place under the truck. However, the truck was dripping motor oil within 3 inches outside of the absorbent pad. The oil leak was estimated to be approximately 3 ounces.

- On April 26, a diesel fuel spill occurred at Tower 1055. The fuel spill resulted from diesel fuel being siphoned out of the gas tank by thieves that left the hose in the tank allowing approximately 10 gallons of fuel to spill on the ground. The crews immediately began the process of soil containment upon arriving to the site (see Figure 7). Two other small areas were also found along the access road to Tower 1055. All contractors were coordinating correct cleanup methods and following all state and local regulations. All materials were removed from the site to be properly disposed.
- On April 26, CPUC EM's discovered an area along the access road to Tower 1055 where construction equipment went off of the existing road and crushed native vegetation (see Figure 8). The CPUC EM contacted the Devers to Valley Environmental Coordinator (EC) and informed her of the incident.
- On April 26, a site clearing crew mobilized to Tower 2003 and conducted vegetation clearing and BMP installation within a 300-foot buffer for an active common raven nest. Corrective action was not taken until May 5 when ESA signs were re-established at the site.
- On April 28, a vegetation clearing crew was chipping vegetation at Tower 1044 when a small spot fire occurred. Vegetation chips from the chipper landed on the exhaust then fell to the ground, igniting a 6- by 18-inch area (see Figure 9). The crew onsite extinguished the fire with a 5 lb. fire extinguisher staged near the chipper. The contractor's Fire Watch put 25 gallons of water on the fire as well. It was determined that the crew working at Tower 1044 had all fire plan and fire mitigation in place. USFS was contacted and a formal report was submitted. . Corrective actions to prevent this incident in the future were to presoak the area during operation and placing the exhaust side of equipment away from where vegetation can build up from the chipper.

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) – Major construction activities continued at the CRS site and along the primary access road throughout the subject period, including rough grading and drainage trenching. Activities associated with the placement of pavement along the access road also continued. Wall panel installation within the substation limits was initiated during the subject period. 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) – No major activities were conducted at the Series Capacitor site during the subject period.
4. Red Bluff Substation (BLM Lands) – Activities that were conducted at the Red Bluff site included ongoing grading of cut and fill areas, and rock crushing of native fill. Vegetation clearing and grubbing activities were conducted along the primary access road between Corn Springs Road and the substation eastern access road. BMP installation and maintenance continued along this section of road. Well development activities, involving pumping of the well, also continued.

Environmental Compliance

- SCE General, Biological, and Archeological Monitors were onsite, as appropriate, throughout all construction activities associated with CRS and the Red Bluff Substation.

- A total of four Mojave fringe-toed lizard mortalities, all associated with construction activities at the CRS site, 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.

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 05/21/12)

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
CPUC NTPS				
NTP #1	04/28/11	06/23/11	Yards	Authorization to proceed with the development of the Devers, Desert Center 1, Desert Center 2, Summit, Blythe, Perris, Beaumont, and Menifee Construction Yards.
NTP #2	08/05/11	09/09/11	T/L	Installation of exclusionary fencing, Devers to Blythe. No cultural resources affected. Bio pending.
NTP #3	08/26/11	09/19/11	Yards	Construction of Beaumont Construction Yard #2.
NTP #4	09/09/11	09/20/11	Yards	Construction of Indio Construction Yard.
NTP #5	09/16/11	10/11/11	Red Bluff Distribution Line	Upgrades to a segment of the existing SCE 12 kV circuit overhead distribution line to supply light and power to the Red Bluff Substation, non-BLM lands.
NTP #6	09/16/11	10/17/11	Substation	Authorization to proceed with improvements to the new Colorado River Substation on private lands, including extension of the existing 33 kV distribution line, installation of a new telecommunication line, and access road improvements.
NTP #7	09/09/11	12/01/11	T/L – DPV1	Construction activities associated with a minor relocation of the Devers-Valley No. 1 Line (DV1).
NTP #8	10/08/11	12/02/11	T/L – CRS to Red Bluff	Construction of the DPV2 transmission line between Red Bluff and Colorado River Substations and replacement of existing DPV1 overhead ground wire; non-BLM lands.
NTP #9	10/08/11	12/02/11	T/L – Devers to Red Bluff	Construction of the DPV2 transmission line between the existing Devers Substation and the new Red Bluff Substation; non-BLM lands.
NTP #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 #/ Permit	Date Requested	Date Issued	Segment	Description
NTP #13	04/12/12	05/09/11	Substation	Devers Substation upgrades
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

Variance Requests and Temporary Extra Workspace (TEWS) Requests submitted to date are summarized in Tables 2 and 3, respectively.

TABLE 2
VARIANCE REQUESTS
(Updated 05/21/12)

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.

Variance Request	Date Requested	Date Issued	Segment	Description
VR #8	08/26/11	08/27/11	Beaumont Yard	Request to install seeded jute netting along the property frontage at Beaumont Construction Yard.
VR #9	08/24/11	09/01/11	DC 2 Yard	Request for installation of temporary power poles outside of Desert Center 2 Construction Yard.
VR #10	08/26/11	09/01/11	Devers & Summit Yards	Utilize offsite water locations needed for dust suppression at Devers and Summit Construction Yards.
—	09/21/11	Retracted	Perris Yard	Request for additional workspace involving vegetation clearing, installation of BMPs, and temporary driveway installation at Perris Construction Yard.
VR #11	09/26/11	09/28/11	T/L	Two water sources for exclusionary fencing work.
VR #12	10/13/11	10/18/11	T/L	Request for parking/temporary staging of vehicles along existing access road within the Coachella Valley Preserve during exclusionary fencing activities.
VR #13	10/26/11	11/10/11	Devers Yard	Request for temporary power supply to provide power to construction trailer at the Devers #1 Construction Yard.
VR #14	11/10/11	11/28/11	Substation	Request for increased well pumping to support civil work, including access road improvements, at Colorado River Substation.
VR #15	12/13/11	12/14/11	Summit Yard	Request for temporary power outside yard boundaries required to power office trailers.
VR #15 Mod	04/25/12	05/02/12	Summit Yard	Request for temporary power modification.
VR #16	12/22/11	01/04/12	Project-wide	Request to approve alternate/extended work hours project-wide.
VR #17	01/04/12	01/09/12	Project-wide	Request to utilize existing approved construction yard and/or exclusionary fencing water sources for transmission line construction needs.
VR #18	10/25/12 10/26/12	Denied 01/13/12	Substation	Request to formalize changes to the Red Bluff MMCRP Mitigation Measure BIO-4 and Applicant Measure BIO-5.
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.

Variance Request	Date Requested	Date Issued	Segment	Description
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	5/17/12	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.
	04/12/12	Under review	T/L	Preconstruction survey extension request from 14 days to 30 days
	05/02/12	Under review	T/L	Additional access route between Towers 2528X and 2527.
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.

Variance Request	Date Requested	Date Issued	Segment	Description
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.
	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.
	03/05/12	Under review	Red Bluff Loop-ins	Request to revise road locations.
	04/04/12	Under review	T/L	Request for a HLZ and temporary disturbance area shifts.
	04/12/12	Under review	Series Capacitor	Certain activities to be constructed within the footprint of the Series Capacitor bank
	05/02/12	Under review	T/L	Additional access route between Towers 2528X and 2527.
USFS				
USFS-1	03/15/12	3/20/12	T/L	SBNF engineering modifications (revised disturbance areas).

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 05/21/12)

TEWS Request	Date Requested	Date Approved	Segment	Description
#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.

NON-COMPLIANCES & INCIDENTS

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

TABLE 4
CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA
 (Updated 05/21/12)

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.
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.

CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

TABLE 5
CONSTRUCTION PROGRESS STATUS
 (As of 05/12/12)

Agency	Total	Released for Construction	Foundations Completed	Towers Erected	Wire Installed
Non Federal (CPUC)	350	89	29	7	0
Bureau of Land Management (BLM)	204	87	44	8	0
US Forest Service (SBNF)	12	11	0	0	0
Total	566	187	73	15	0

PROJECT PHOTOGRAPHS



Figure 1. Covering of an open excavation at Tower 2523 was noted to be in compliance.



Figure 2. Topsoil salvage at Tower 1071.



Figure 3. BMP installation at Tower 1047.



Figure 4. Desert tortoise observed near Tower 2416.



Figure 5. Spoils from foundation excavation placed on desert pavement at Tower 2524 (Photo Courtesy of Mark Augustyn).



Figure 6. Area of off access road travel along the north-south access road from Rice Road to the transmission right-of-way.



Figure 7. Diesel spill clean-up from resultant fuel spill as fuel was siphoned by thieves out of the crane parked onsite overnight (Photo Courtesy of Dean Ritter).



Figure 8. Area on the access road to Tower 1055 where equipment went outside of the access road and crushed vegetation



Figure 9. Area where small, spot fire was caused by chipped vegetation landing on the chipper exhaust at Tower 1044 (Photo from PAR incident Report).