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PROJECT MEMORANDUM
SDG&E'S SUNRISE POWERLINK PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: February 15, 2012
Subject: Weekly Report 71 – January 22 to January 28, 2012

INTRODUCTION

This report provides a summary of the construction and compliance activities associated with the SDG&E Sunrise Powerlink Project. 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 with construction and Variance Request activity are also provided (see Tables 1 and 2, respectively, near the end of this report). Finally, a summary of Temporary Extra Work-space and non-compliance activity are provided in Tables 3 and 4, respectively.

CPUC/Aspen Environmental Monitors (EM): Cassandra Garza, Brian Woodward, Valerie Yep and Brit O'Brian.

TRANSMISSION LINE CONSTRUCTION

Summary of Activity:

1. Link 1, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Guard structure installation occurred at Tower EP219-1.
- Final grading was conducted at EP207 (see Figure 1) to EP209-1, EP210-N, and EP214.
- Micropile drilling took place at EP233-1, EP234-1 (see Figure 2), and EP254-3.
- Grouting occurred at EP233-1.
- Trimming and pull test preparations occurred at EP252A-1.
- Micropile cap work occurred at EP224-1.
- Tower assembly was conducted at EP226-1, EP227, EP235-1, EP239-1, EP242, and EP245-1.
- Miscellaneous tower work (including installing anti-climbing guards, bird deterrents, and/or signage) took place at EP231A and EP235-1.
- QA/QC occurred at EP184-1, EP185-1, EP225-1, EP227, EP235-1, and EP242.
- Ground resistance testing was conducted from EP184-1 to EP185-2, EP252-1, and EP253-2.
- Wire pulling equipment was mobilized to EP219-1 and EP220-1 pull sites.

BLM Lands:

- Final grading was conducted from EP213 to EP318-1, from EP316-2-E to EP318-1-N, EP321-1, EP322-1, EP323-1 pull site, EP324, EP325-2-E, EP325-2, and from EP335 to EP341.
- Trimming took place at EP144 and EP146.



- Grading, various foundation work (including curing, cage installation, etc.), concrete pouring, form removal, and cleanup occurred at EP170.
- Micropile pull test occurred at EP144, EP150, and EP151.
- Micropile cap work was conducted at EP145, EP147, and from EP148-1 to EP151.
- Tower assembly took place at EP171, EP173-1, EP174, EP176, EP177, EP178, EP180, EP186-1, EP187-2, EP187-2 pull site, EP247, EP250, and EP251.
- QA/QC occurred at EP250.
- Ground resistance testing was conducted at EP178, EP182, and EP186-1.
- Ground rod replacement took place at EP190-2.
- Snubs were tested at McCain Valley Yard.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Access road construction occurred at EP66-E.
- Site preparation occurred at EP64.
- Crews set the pre-fab building at the regen site adjacent to EP54-1.
- Conventional drilling occurred at EP54-1.
- Micropile drilling occurred at EP25-2.
- Arroyo toad fencing was installed and/or maintained from EP76-2-E to EP78A-E and EP77 to EP78A.

BLM Lands:

- Site preparation occurred at EP53-3 and EP69.
- Conventional drilling occurred at EP51-1.
- Micropile cap work occurred at/from EP40-1, EP70 to EP72, and EP73-1.
- Dead end work occurred at EP47-2.
- Arroyo toad fencing was installed and/or maintained at/from EP76-2-E to EP78A-E and EP76-2.

US Forest Service Lands:

- During this reporting period, the PALs were as follows: Monday: A, Tuesday: A, Wednesday: C, Thursday: D, Friday: D, and Saturday: E. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Access road construction occurred at EP11-3-E.
- Gate installation occurred at EP113-5-E and EP116-1-E.
- Test drilling occurred at EP36-1.
- Conventional drilling occurred at EP9-1, EP11-3, and EP12-3.
- Various foundation work (curing, cage installation, etc.) occurred at EP9-1.
- Site preparation occurred at/from EP10-2, EP13-3 (see Figure 3), EP14, EP111-4, and EP114-2 to EP117-2.
- Micropile drilling occurred at EP120-4, EP121-3, and EP129.
- The micropile capping crew worked at EP117-2 and EP118-2.
- Arroyo toad fencing was installed and/or maintained at/from EP66-E and EP76-2-E to EP78A-E.

3. Link 4, 220 kV Underground Transmission Line (non-federal lands only):

- Revitalization occurred at Alpine Rentals and Louise Drive to Rock Terrace.

- Fiber Work occurred at Vault V12L, V13L, V14L, V16L, V17L, and V18L.
- BMP maintenance, final grading, addition of Class 2 base, and forms building occurred at Bauer Bridge (see Figure 4).
- Jointing occurred at V1R, V1L, V10L, and V11R.
- Testing occurred at Caltrans Bore Site.
- Raised necking occurred at V3R and V4L
- Pre-racking/racking occurred at V1L, V1R, V5L, V8L, V9L, V10L, V10R, V11R, V12L, and V13L.

4. Link 5:

Non-Federal Lands, 220 kV Overhead Transmission Line:

- Access road construction occurred at Tower CP49-1-PS-N.
- Final grading occurred at CP23 pull site north (see Figure 5).
- Micropile drilling occurred at CP32-2 (see Figure 6), CP33A, CP34-2, CP37-2, CP49-1, and CP62-2.
- Grouting occurred at CP27 and CP37-2.
- Micropile trimming occurred at CP28-1, CP42-1, CP43-1, CP47-2, CP48-2, CP50-1, CP51-2, and CP62-2.
- Micropile pull testing occurred at CP42-1, CP43-1, and CP48-2.
- Micropile cap work occurred at/from CP28-1, CP34-2, CP37-2, CP47A-1, CP47-2, CP50-1, and CP51-2.
- Tower assembly occurred at CP52, CP54-1, CP55, CP57, CP79-1, CP83, and CP86.
- Miscellaneous tower work (anti-climbing guards, bird deterrents, and/or signage) occurred at/from CP76-1 and CP77.
- Cleanup occurred at CP55.
- Ground resistance testing occurred at CP55, CP77, CP79-1, CP82-1, CP85-1, and CP86 (see Figure 7).

BLM Lands, 220 kV Overhead Transmission Line:

- Micropile drilling occurred at CP60.
- Micropile grouting occurred at CP58-1.
- Micropile capping occurred at CP61-1 and CP62A.
- Tower assembly occurred at CP59.
- Ground resistance testing occurred at CP61-1.

MCAS Miramar (Federal) Lands, 220 kV Overhead Transmission Line:

- Guard structure installation occurred at CP6-1.
- Ground rod installation occurred at CP13-2.

MCAS Miramar (Federal) Lands, 69 kV Reconductoring Line:

- Various foundation work (curing, cage installation, etc.) occurred at Locations 10 and 11 on TL6915.

MCAS Miramar (Federal) Lands, 12 kV Reconductoring Line:

- No work occurred during this reporting period.

US Forest Service Land:

- During this reporting period, the PALs were as follows: Monday: A, Tuesday: A, Wednesday: C, Thursday: D, Friday: D, and Saturday: E. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Conductor and fiber was pulled, sagging, insulator, dead end, and clipping occurred from CP95/CP96 pull site to CP100-1.
- Jumper work occurred from CP98-1 to CP100-1.

Environmental Compliance:

1. Biological, Cultural, and Native American monitors were present as applicable during all transmission line construction activities.
2. BMPs were installed, refreshed, or maintained on tower sites, access roads, TSAPs, and pads associated with towers on Link 1:

Non-Federal Lands:

- BMP maintenance or installation occurred at tower sites, guard structures, and pull sites from EP183 to EP185-2, EP199-3, from EP252-1 to EP254-3, and from EP337 to EP339.
- BMP maintenance or installation was conducted at access roads from EP183-N to EP185-2-N.
- BMPs were removed from EP337 to EP339.
- Hydromulching took place at EP255-2 pull site and EP337.

BLM Lands:

- BMP maintenance or installation occurred at tower sites, guard structures, and pull sites from EP186-1 to EP198-3, from EP200-3 to EP206-1, from EP246 to EP251, from EP320-1 to EP336, and from EP340 to EP346.
- BMP maintenance or installation was conducted at access roads from EP170-N to EP182-N, from EP186-N to EP190-N, EP204-3-E, and EP204-3-N.
- Hydromulching occurred at EP322-1, EP323-2 pull site, EP323-1, EP324, EP329-1, and from EP331 to EP336.

3. BMPs were installed or refreshed on access roads, TSAPs, and pads associated with towers on Link 2:

Non-Federal Lands:

- BMP installation and maintenance occurred at EP11-3-N, EP36-1-E, EP51-1-E, EP52-1-E, EP58-2-E, EP62A-1-E, EP63-E, EP64-E, EP65-1-E, EP77 to EP79, EP83 pull sites, EP83 to EP93, EP91 pull sites, EP91-N to EP95-N, EP103A-2-N, EP104-2, EP104-2-N, EP105-2, EP105-2-N, EP106-3, EP107-3, EP78 pull site, GS-NF-22, GS-NF-23, GS-NF-24, GS-NF-25, and GS-NF-29.

US Forest Service Lands:

- BMP installation and maintenance occurred at EP9-1-N, EP9-1 pull site, EP11-3-N, EP12-3, EP22-1, EP23-2, EP27-1, EP30-2, EP35-1, EP36-1, EP64-E, EP65-1, EP65-1-E, EP112-3, EP113-5, EP125 to EP127, EP125-E-B to EP131-E, EP130-1, and EP131.

BLM Lands:

- BMP installation and maintenance occurred from EP39-1 to EP42, EP42-N, EP47-2-PS-N to EP52-1-E, EP63-E, EP64-E, EP69, EP74-1 to EP76-2, EP94 to EP99-2, EP94-N to EP99-2-N-B, EP101-2 pull site, EP101-2-PS-N, EP101-2 to EP103A, EP103-2-N, and EP103A-2-N.

4. BMPs were installed or refreshed on Link 4 (non-federal lands only):

- No BMP work was reported during this period.

5. BMPs were installed or refreshed on access roads, TSAPs, and pads associated with towers on Link 5:

Non-Federal Lands:

- BMP installation and maintenance occurred from CP17-1 to CP27, CP33-2, CP33A, CP35-2, CP36-1, CP43-1 to CP53-1, CP48-2, CP49-1, CP49-1-PS-N, CP54-1, CP55, CP56-1, CP56-1-PS-E-B, CP56-1 pull site, CP63-3, CP65-1 pull site, CP57, CP75-1, CP76-1 to CP86 pull site, GS NF 2, GS-NF-3, GS-NF-5, and GS-NF-6.

BLM Lands:

- BMP maintenance occurred at CP59 and CP61-1.

MCAS Miramar (Federal) Lands, 220 kV Overhead Transmission Line

- BMP installation and maintenance occurred at CP3, CP7, and CP12-1.

MCAS Miramar (Federal) Lands, 69 kV Reconductoring Line:

- No BMP work occurred during this reporting period.

US Forest Service Lands:

- No BMP work occurred during this reporting period.

6. Desert pavement was restored at EP338, EP339, EP340, and EP341, Link 1.
7. It was noted to the Link Lead on January 24, 2012 that wattles had been undercut in multiple locations at the EP187-2 pull site (see Figure 8). SWPPP monitors were immediately notified and corrective action was taken. (Link 1)
8. Three silvery legless lizards (*Anniella pulchra pulchra*) were relocated: one from EP14, one from EP114, and one from EP121-3. (Link 2)
9. On January 20, 2012, during CP98/99 to CP100 wire pulling activities, rope and conductor were dropped due to a pulling malfunction. Conductor and rope fell into vegetation. Avian biologist reviewed the site along with the onsite biological monitors and determined that no resources were impacted as a result of the conductor landing on the vegetation. No injuries were reported. (Link 5)
10. On January 25, 2012, a helicopter was noted by CPUC EM to have landed outside of approved project workspace near CP57. Correction was made immediately and discussion was had with pilot about landing in only approved areas (see Figure 9).
11. Pre-construction surveys were performed throughout Link 1, 2 and 5 with appropriate monitors.

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

Agency Representatives during Construction (other than EMs):

USFS Representatives: Robert Paul, Ed Wieringa, Jennifer MacDonald, Dana Barre.

SUBSTATION CONSTRUCTION AND UPGRADES

Summary of Activity:

1. Suncrest Substation, Link 3 (non-federal lands): Rock was crushed for Class 2 base and select fill material. Trenching for conduit and the ground grid in the southwest quadrant was conducted. Final grading took place north and east of the transformers (see Figure 10). Insulators and conductors were installed in the 500 kV yard. Work on building the 500 kV cable trench began. Final grading and hauling of Class 2 base to the capacitor area occurred. Wiring continued in the control shelter. Loose rock was pulled from the slopes of the access road into the Substation. Landscape planting continued.

2. Imperial Valley (IV) Substation Upgrade (BLM lands): Transmission crews strung additional wire just outside of the Substation.
3. San Luis Rey Substation (non-federal lands): No work was reported during this period.
4. Encina Substation (non-federal lands): Crews performed wiring work on the eastern bus inside the northern switchyard. Activities included work on the perimeter fence in the southern switchyard, back-filling of the perimeter fence curb, spreading of gravel, and conducting BMP maintenance.
5. Sycamore Substation (non-federal lands): Crews built disconnects and a bus for 69 kV upgrades in the southern portion of the Substation. Crews continued wiring and testing gas circuit breakers inside the control house. Avian biologists were on site gathering information for nest buffer reductions.

Environmental Compliance:

1. All applicable Biological, Cultural, Paleontological, and Native American monitors have been present during ground disturbing activities at all substations.
2. BMP maintenance and repair occurred along Bell Bluff Truck Trail (BBTT). (Link 3)

No CPUC 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:

1. Alpine Construction Yard – Equipment/materials staging and weed wash station operations occurred.
2. Alpine Headquarters – No significant activity occurred during the reporting period.
3. AER Yard – Yard has been restored.
4. Barrett Canyon Yard – Staging for conventional foundation and BMP crews occurred.
5. Bartlett-Hauser Yard – Water staging, helicopter operations, weed wash station operations, dust suppression, and staging for BMP crews occurred.
6. Fromm Yard – No work occurred at this yard during this reporting period.
7. El Monte Yard – Dust suppression, helicopter operations, tower assembly, and staging for tower hooking crews occurred.
8. Helix Yard – Helicopter operations, water staging, weed wash station operations, dust suppression, and staging for micropile, erection, assembly, and QC crews occurred.
9. Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, dust suppression, tower assembly, and water staging. Also used for staging micropile, QC, and erection crews.
10. Kreutzkamp Yard – Helicopter operations, weed wash station operations, water staging, dust suppression, and staging for conventional foundation, micropile, and BMP crews occurred.
11. Rough Acres Yard – Helicopter operations and tower assembly took place. This yard was also used for staging erection, QC, assembly, micropile, and BMP crews.
12. SWAT Yard – Water staging, helicopter operations, dust suppression, weed wash station operations, and staging for conventional foundation crews occurred.
13. S2 Yard – Some crew staging occurred. Removal of the fence began (see Figure 11).

14. Sycamore Yard – Weed wash station operations, water supply, dust suppression, helicopter operations, and staging for micropile, QC, and assembly crews occurred.
15. Wilson Yard – Helicopter operations, dust suppression, water staging, and materials staging for Suncrest Substation took place. The yard was also used for staging assembly crews.

Federal Lands (BLM):

16. Dunaway Yard – Yard has been restored.
17. Imperial Valley Yard – Yard has been restored.
18. McCain Valley Yard – Helicopter operations, dust suppression, and water staging took place. This yard was also used for staging assembly crews.
19. Plaster City Yard – Equipment storage and water staging took place in this yard.

Federal Lands (USFS):

20. Thing Valley Yard – Helicopter operations, water staging, dust suppression, and staging for BMP crews occurred.

Environmental Compliance:

1. Biological, Cultural, and Native American monitors have worked with crews at the construction yards to define approved work areas and sites to avoid.
2. On January 23, 2012, it was noted to the Link Lead that a significant amount of dust was seen coming from the S-2 Yard over the weekend. Information on a new watering and monitoring schedule was provided, in addition to an update on the restoration schedule.

No Non-Compliance Reports or Project Memorandums were issued during the subject period for Construction Yards and other workspace activities. Non-Compliance activities for the project to date are summarized in Table 4.

Agency Representatives during Construction (other than CPUC EMs):

None.

CPUC NOTICES TO PROCEED (NTPs)

Table 1 summarizes the CPUC Notice to Proceed activity for the SDG&E Sunrise Powerlink Project to date.

TABLE 1
CPUC NTPs
(Updated 02/15/2012)

NTP#	Date Requested	Date Issued	Segment #	Description
#1	01/04/10	04/28/10	25	San Luis Rey Substation Upgrades
#2	02/08/10	04/29/10	23	South Bay Substation Upgrades
#3	02/26/10	05/20/10	Yard	Alpine Yard 18
#4	01/26/10	05/28/10	Yard	Alpine Yard 18A
#5	02/05/10	09/28/10	Yard	Rough Acres Yard, Phase 1
#6	05/26/10	09/28/10	24	Encina Substation Upgrades
#7	05/28/10	09/28/10	Telecomm	White Star Communication Facility
#8	06/09/10	10/06/10	Substation	Pomerado Substation Upgrades
#9	06/09/10	10/06/10	Substation	Scripps Switchyard/Substation Upgrades
#10	10/13/10	11/23/10	15	Link 4, Alpine 230 kV Underground Construction

NTP#	Date Requested	Date Issued	Segment #	Description
#11	10/19/10	12/15/10	13	Link 3, Suncrest Substation/Wilson Construction Yard
#12	11/30/10	12/23/10	Yard	Rough Acres Yard, Phase 2
#13	11/09/10	01/14/11	2-18, 20-22	Links 1, 2, and 5, overhead construction on non-federal lands
BLM #1	01/19/11	02/03/11	1	Imperial Valley Substation upgrades.
BLM #2	03/28/11	04/04/11	2-12, 16-17	Links 1, 2, and 5 overhead construction on BLM Lands.
Miramar	01/20/11	06/28/11	22	Overhead and substation construction.
USFS	07/29/11	08/09/11	6, 7, 10, 12,14,16	Links 1, 2, and 5 overhead construction on USFS Lands.

VARIANCE & TEMPORARY EXTRA WORKSPACE REQUESTS

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

TABLE 2
VARIANCE REQUESTS
(Updated 02/15/2012)

Variance Request	Date Requested	Date Issued	Segment #	Description
#1	11/04/10	11/10/10	Yard	Thomas Yard (El Centro, CA)
#2	12/22/10	03/18/11	Yard	Sycamore Estates Construction Yard. Response to inquiry received 02/23.
#3	01/06/10	01/18/11	All	Modification to tree trimming requirements.
#3 MOD	01/25/11	01/26/11	All	Modification to brush clearing requirements.
#4	01/13/11	03/01/11	Yard	Helicopter Temporary Landing Pad area at the Alpine Regional Field Offices.
#5	02/01/11	02/09/11	Yard	Site improvements at the Wilson Construction yard and along Bell Bluff Trail
#6	02/01/11	03/01/11	Link 5	Variance from Mitigation Measure H-1a (CC) to allow work outside of the dry season.
#7	02/11/11	02/17/11	Link 3	Additional work areas for construction trailers, parking, etc.
#8	03/02/11	03/08/11	Link 2	Alternate access route to Structure EP 27.
#9	03/29/11	04/06/11	All	Perform construction activities outside of hours allowed by local ordinances with local jurisdiction approval.
#10	04/04/11 (revised)	04/14/11	Link 4	Additional construction work space at Viejas Creek Bridge.
#11	04/06/11	04/22/11	Link 1	Additional workspace east of EP215.
#12	04/15/11	04/25/11	Link 1	Additional turnaround along the access road to EP 220-1.

Variance Request	Date Requested	Date Issued	Segment #	Description
#13	04/13/11	05/06/11	Links 1 & 2	Two fiber optic regeneration sites.
#14	04/28/11	05/03/11	Yards	Change visual screening at Project construction yards from slats to fabric.
#15	05/12/11	05/19/11	Link 2	Alternate access to EP 84.
#16	05/16/11	05/21/11	Link 4	Additional parking space for use during underground construction.
#17	05/18/11	05/24/11	Encina Substation	Driveway improvement.
#18	06/27/11	07/14/11	Link 1	Gate installation between mile markers 38.5 and 39.5.
#18 Mod	10/03/11	Under Review	Link 1	Alternative for installation of Gate #4.
#19	06/27/11	06/29/11	Link 1	Installation of training tower at Rough Acres Construction Yard.
#20	06/28/11	08/05/11	Link 5	Additional disturbance for access, pull sites and topsoil stockpile at CP48-2 to CP51-2.
#21	07/07/11	07/15/11	Link 1	Guard structure from EP255 to Imperial Valley Substation.
#22	07/08/11	08/04/11	Link 1	Fromm Construction Yard. Additional information submitted 08/04.
BLM DNA #1	07/19/11	08/05/11	Link 1	Minor modifications to portions of the Project on Bureau of Land Management lands.
#23	08/15/11	10/20/11	Links 1, 2, & 5	Additional landing platforms and TSAPS.
#24	08/25/11	08/29/11	Suncrest Substation	Additional vegetation clearing around construction trailers.
#25	09/01/11	09/09/11	Links 1 & 5	Extended use of approved TEWS areas for parking and staging.
#26	09/15/11	09/20/11	Link 2	Water tank installation at Barrett Canyon Yard.
#27	09/20/11	10/18/11	Link 1	Temporary Staging area near Mountain Springs Grade Rd.
#28	10/19/11	Denied	Link 3	Allow work to continue at Suncrest Substation during a Red Flag Warning (RFW) event.
#29	10/21/11	11/01/11	Links 1, 2, & 5	Additional guard structures identified for wire pulling activities.
#29 Mod	01/04/12	01/06/12		Modification to guard structure location.
#30	11/01/11	11/15/11	Links 1, 2, & 5	Temporary parking and turnaround areas.
#30 Mod	02/09/12	02/09/12	Links 5	Modification to perform long lining activities.
#31	11/08/11	Retracted	Links 2 & 5	Request for site specific exemption of Condition 37 of NTP 13.
#32	11/15/11	12/09/11	Links 1, 2, & 5	Additional workspace for wire pulling activities.
#32 Mod	01/04/12	01/06/12		Modification to guard structure location

Variance Request	Date Requested	Date Issued	Segment #	Description
#33	11/28/11	12/16/11	Links 1, 2, & 5	Additional workspace for structure access and wire pulling activities.
#34	11/29/11	12/02/11	Links 2 & 5	Extension of allowable work window within GE buffer (MM B-7h).
#35	12/22/11	01/04/12	Link 5	Improvements to existing road & drainage, Simpson property.
#36	01/20/12	02/10/12	Links 1, 2, & 5	Variance to allow vegetation clearing between January 15 through February 14.
#37	01/20/12	02/10/12	Links 1, 2, & 5	Temporary placement of concrete blocks outside of approved work areas.
#38	02/10/12	Under Review	Link 5	Gate installation near CP55.
#39	02/10/12	Retracted	Link 5	Additional work space at CP23 pull site.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 02/15/2012)

TEWS Request	Date Requested	Date Approved	Segment #	Description
TEWS #1	11/01/10	11/01/10	White Star	Asphalt paved area for vehicle parking and staging
TEWS #2	03/17/11	03/18/11	Link 4	Parking on Puetz Valley and Alpine Blvd
TEWS #3	03/17/11	03/18/11	Link 4	Parking on Harbison Canyon and Alpine Blvd
TEWS #4	03/22/11	03/23/11	Link 5	Storage on One Father Junipero Sierra Trail
TEWS #5	03/24/11	03/24/11	Link 4	Parking at 3900 Willows Rd. West
TEWS #6	03/24/11	03/24/11	Link 4	Parking at 5840 Willows Rd. East
TEWS #7	04/06/11	04/07/11	Link 2	Northern access road to EP 79
TEWS #8	04/14/11	04/14/11	Link 2	Northeast spur of access road to EP 84
TEWS #9	05/17/11	05/24/11	Link 1	Use of SWPL tower sites for parking (EP331-341)
TEWS #10	05/24/11	05/24/11	Link 5	Parking and pullsite adjacent to Alliant University
TEWS #11	06/16/11	06/16/11	Link 1	Use of alternative access to EP 240, per the request of the landowner at JVR
TEWS #12	06/20/11	06/20/11	Link 1	Use of SWPL tower sites for parking (EP295-299)
TEWS #13	06/30/11	07/01/11	Link 1	Use of SWPL tower site for parking (EP324)
TEWS #14	07/01/11	07/01/11	Link 1	Use of SWPL tower sites for parking (EP300, EP302, EP306, EP307, EP312)
TEWS #15	07/06/11	07/06/11	Link 1	Use of SWPL tower sites for parking (EP294, EP303, EP304, EP305)
TEWS #16	06/30/11	07/07/11	Link 1	Additional parking along Mountain Springs Grade Rd.
TEWS #17	07/11/11	07/12/11	Link 5	Parking near CP20
TEWS #18	07/11/11	07/12/11	Link 5	Parking near CP24
TEWS #19	07/11/11	07/12/11	Link 5	Parking near CP29

TEWS Request	Date Requested	Date Approved	Segment #	Description
TEWS #20	07/18/11	07/19/11	Link 1	Parking near EP314
TEWS #21	07/22/11	07/25/11	Link 1	Parking near EP315
TEWS #22	07/26/11	07/26/11	Link 1	Parking near EP291-293
TEWS #23	08/05/11	08/05/11	Link 1	Parking near EP290
TEWS #24	08/09/11	08/10/11	Link 2	Parking near EP90/EP91
TEWS #25	09/07/11	09/07/11	Link 5	Temporary use of access road near El Monte Rd (12 kV)
TEWS #26	09/13/11	09/13/11	Link 2	Temporary use of access road near Barrett Substation
TEWS #27	09/29/11	09/30/11	Link 1	Parking near EP248.
TEWS #28	09/28/11	10/03/11	Link 1	Parking and Staging area adjacent to EP301.
TEWS #29	09/13/11	09/13/11	Link 2	Placement of Water Tank at Barrett Substation.
TEWS #30	10/06/11	10/06/11	Link 1	Parking and Staging at Chevron Gas Station on Carrizo Gorge Rd.
TEWS #31	11/09/11	11/10/11	Link 1	Parking at EP252A-1 and EP254-3-E.
TEWS #32	11/09/11	11/15/11	Link 5	Temporary material and equipment staging area off of Willows Rd.
TEWS #33	02/09/12	02/09/12	Link 5	Additional parking area between CP75 to CP88.

NON-COMPLIANCES & INCIDENTS

CPUC and USFS Stop Work Orders, Project Memorandum (PM) and Non-Compliance Reports (NCR), and U.S. Army Corps Non-Compliances (NC) that have been issued to date are presented in Table 4.

TABLE 4
NON-COMPLIANCES (NC) AND PROJECT MEMORANDA (PM)
(Updated 02/15/2012)

Type	Date	Location	Description
PM #1	12/07/10	Thomas Yard	Failure to report unanticipated biological resources within 48 hours.
PM #2	02/11/11	EP 242, Link 1	Unauthorized ground disturbance at EP 242
NC #1	03/08/11	Suncrest Substation	Army Corp of Engineers issued Non-Compliance for not complying with Special Conditions 19, 21 and 23 of DA Permit SPL-2007-00704-SAS.
PM #3	03/15/11	CP 67-3, Link 5	Staking crews operating and delivered by helicopters within GE Buffer area.
PM #4	04/06/11	Swat Yard	Unauthorized Nest Removal from a water truck at SWAT Construction yard.
PM #5	05/16/11	EP 340, Link 1	Operation of water trucks outside of approved disturbance areas at EP 340.
PM #6	09/16/11	EP271, Link 1	Construction activities commenced at EP271 prior to the arrival of biological monitor.

Type	Date	Location	Description
Stop Work Order	09/27/11	Helicopter Operations	A pattern of helicopter incidents posed a serious concern for the safety of the general public.
PM #7	09/28/11	AER CY	Construction crew entered AER CY prior to Peninsular Bighorn Sheep monitor clearing the site.
NCR #1	09/28/11	Link 1	CPUC issued NCR for breeching a marked Environmentally Sensitive Area (ESA), construction activity without proper monitor present, and failing to communicate the event in a timely fashion.
FS NCR #1	10/27/11	Links 2 & 5	FS SUP Exhibit 4 and Traffic Control Plan violations.
NCR #2	10/27/11	Link 1	Peninsular Bighorn Sheep Construction Monitoring Plan violations.
FS NCR #2	11/03/11	Links 2 & 5	Fire Plan and Traffic Control Plan violations.
FS NCR #3	11/30/11	Links 2 & 5	Tower assembly, erection and wire stringing work is suspended for towers not associated with GE buffers on the Cleveland National Forest until resolution of all noncompliance colorization issues are agreed upon by the Forest Service
NCR #3	12/29/11	Link 1	Peninsular Bighorn Sheep Construction Monitoring Plan violations.
NCR #4	01/04/12	Link 1	Peninsular Bighorn Sheep Construction Monitoring Plan violations.
FS Stop Work Order	01/07/12	Links 2 & 5	Third non-compliance for violating the Forest Service Fire Plan.
FS NCR #4	02/01/12	Link 2	Failure to make timely notification following rope/wire drop between CP100 to CP99.
FS NCR #5	02/06/12	Links 2 & 5	Helicopter incursions into Golden Eagle Habitat Buffers.
NCR #5	02/08/12	Link 1	Construction outside of approved work spaces, intrusion into ESA, and violation of Desert Pavement Plan.

Other compliance incidents identified by SDG&E monitoring staff and/or crews are presented in Table 5.

TABLE 5
PROJECT INCIDENTS
(Updated 02/15/2012)

Type	Date	Location	Description
Incident	11/01/10	White Star	Delivery of a rebar cage outside of the approved disturbance area.
Incident	02/17/11	EP 244, Link 1	Nest incorrectly marked at entrance to EP 244.
Incident	02/18/11	Alpine HQ	Emergency weather landing and storage of 3 helicopters at Alpine HQ.
Incident	03/12/11	EP 252, Link 1	Bulldozer was delivered at site prior to CPUC clearance being given.

Type	Date	Location	Description
Incident	03/15/11	EP 214, Link 1	Dewatering approximately 1 gal of groundwater from an excavation hole without having submitted a dewatering plan to the CPUC.
Incident	04/06/11	JVR 12 kV, Link 1	Confusion on approved work areas due to varying maps having been distributed to workers and monitors.
Incident	04/07/11	JVR 12 kV, Link 1	A site was worked on prior to CPUC EM construction release having been received for the area, no resources were damaged.
Incident	05/05/11	Link 4	Three small fires were reported on Link 4 Underground. Fire tools were used by the on-site fire patrol to immediately respond per the Sunrise Fire Plan. Notification to Alpine Fire was made.
Incident	05/17/11	Link 1	BMP crew drove off the road between EP345 and EP346 and park within the ESA boundary.
Incident	06/07/11	Link 1	During the aerial delivery of a structure body to EP339, approximately 200 ft outside of Plaster City Yard, the piece fell from the Aircrane. No injuries have been reported.
Incident	06/10/11	Link 1	During the aerial delivery of a structure layback to EP 339, at the EP 339 construction site, 3 of the 4 hooks released and caused an emergency placement of the steel at the site. While in the process of placing on the ground, the 4 th hook released and the tower fell to the ground. No injuries have been reported.
Incident	07/07/11	Link 1	A project water tanker was stuck on the side of Evan Hughes Highway and released approximately 1,000 gallons of potable water into Coyote Wash, after pulling over to evaluate a bridge crossing. All necessary notifications were made.
Incident	07/07/11	Link 5	Construction vehicles, including project fire truck, were noted to be outside of approved disturbance areas at CP40 and CP41. Link leads were notified and immediate corrective action was taken.
Incident	07/11/11	Link 1	A skid fell off the KMax Helicopter while en route to a tower site. The skid was within the Project ROW and no injuries were reported. The item was retrieved on foot.
Incident	07/28/11	Link 1	Unapproved disturbance of approximately 50'x100' occurred during the grading operations of the AER yard. No resources were impacted.
Incident	08/04/11	Link 1	An air compressor was dropped approximately 500 ft north of EP327, from a KMax helicopter while in transit to a micropile site. Approximately 50-60 gallons of diesel was spilled in an area of approximately 75' in diameter. Site has been cleared and appropriate agencies have been contacted.
Incident	08/05/11	Link 3	Small fire resulted from excavation activities along BBTT. Burned an area approximately 50'x50' prior to it being extinguished. Notifications were made immediately.

Type	Date	Location	Description
Incident	08/13/11	Link 2	Accident along Lyons Valley Rd, where a project truck went off the embankment by 300'. No injuries reported. Assessment team was sent to the site and notifications were made.
Incident	08/15/11	Link 2	Sparks caused by loose chain from a project vehicle interacting with the roadway started a 2-acre fire. The fire was extinguished and proper notifications were made.
Incident	08/18/11	Link 2	An unsteady load caused a forklift to fall to its side at EP 91. A small spill of hydraulic fluid took place, all disturbance was contained within the established work area, and no injuries were reported.
Incident	08/22/11	Link 1	Crew member threw a rock and knocked down a rock cairn located within an ESA. Appropriate agencies were notified.
Incident	09/08/11	Link 2	CPUC EM noted a water truck entering EP91 after not having stopped at designated wash station. Corrective action was taken.
Incident	09/12/11	Link 5	Crew performed minor clearing prior to the arrival of biological monitor.
Incident	09/13/11	Link 5	Crew performed minor clearing prior to the arrival of biological monitor.
Incident	09/15/11	Link 5	Micropile platform at CP67-3 rolled 50' downhill after unstable placement. A helicopter removed from site to limit damage. Minor vegetation damage that was surveyed by onsite biologist.
Incident	09/19/11	Link 2	Small fire near EP42 started due to excavator hitting a rock during grading operations. This was immediately put out by onsite personnel using their required fire supplies.
Incident	09/19/11	Link 2	2 Micropile pipes were dropped during helicopter operations near CP107 and rolled down hill to injure a worker trying to stop them. Minor vegetation damage that was surveyed by onsite biologist.
Incident	09/20/11	Link 1	Trackout from EP252 was noted to Link Lead and was immediately remedied.
Incident	09/20/11	Link 1	Project vehicles were noted to parking outside of the approved project disturbance. Link Lead was notified and vehicles were immediately relocated.
Incident	09/21/11	Link 1	Dozer operator drove approximately 260 ft off of ROW near EP322. Area was surveyed Cultural and Biological monitor.
Incident	09/21/11	Link 3	Approximately 800 gallons of potable water was released from Northern Sediment basin. Appropriate agencies were notified.
Incident	09/22/11	Link 3	Plywood load from helicopter dropped within substation boundaries. No injuries were reported.
Incident	09/23/11	Link 1	Improperly covered foundations holes were noted to the Link Lead. Follow up was performed with crews.

Type	Date	Location	Description
Incident	09/26/11	Link 1	Straw wattles en route via helicopter dropped into open area. No injuries were reported.
Incident	10/12/11	Link 1	A drill rig pulled to the side of the access road near EP185/EP186 and inadvertently crushed vegetation.
Incident	10/12/11	Link 4	Approximately 50 gallons of diesel fuel was released immediately off of Puetz Valley Rd. Site was cleaned and stained soils removed. Appropriate agencies were contacted.
Incident	10/19/11	Link 1	A door fell off a helicopter near Plaster City Yard close to EP332. No injuries were reported.
Incident	11/03/11	Link 1	Injury occurred when a tower leg fell onsite. Events surrounding the incident are still undergoing investigation. Disturbance occurred outside of approved areas. Biological/cultural monitors reviewed and found no resources to be damaged.
Incident	11/05/11	Link 5	Sediment off ROW at CP55/56 access road.
Incident	11/09/11	Link 2	Landing of project helicopter on unapproved disturbance areas.
Incident	11/15/11	Link 5	Off ROW incident along access road to CP65/66 pull site.
Incident	11/16/11	Link 1	Off ROW incident along access road to EP 226/227 pull site.
Incident	11/16/11	Link 3	Trash noted to be blown around during Air Crane activities at the Wilson Yard.
Incident	11/22/11	Link 5	Track out noted on El Monte Rd from access in/out of CP64/65 pull site. Street sweeper was dispatched.
Incident	12/03/11	Link 1	PBHS habitat violation with low elevation flights in restricted areas.
Incident	12/04/11	Link 1	PBHS habitat violation with low elevation flights in restricted areas.
Incident	12/22/11	Link 1	PBHS habitat violation with entry into Fromm Yard prior to clearance from PBHS biologists.
Incident	12/27/11	Link 1	Two PBHS habitat violation with low elevation flights in restricted areas.
Incident	01/09/12	Link 2	Road crew operating without an Arroyo Toad Monitor present at EP50, Arroyo Toad suitable habitat. Crew was retrained of the importance of a monitor being present during operations.
Incident	01/10/12	Link 2	Foundation crew damaged an oak tree during mobilization effort at EP49. Crew was retrained.
Incident	01/12/12	Link 1	Parking along McCain Valley Rd not in designated disturbance areas. Link Leads corrected immediately.
Incident	01/12/12	Link 5	A dozer failure led to disturbance outside of approved ROW by 15 feet near CP59. All personnel were safe and restoration efforts are in process.

Type	Date	Location	Description
Incident	01/13/12	Link 2	An unanticipated release of a compressor mid-flight approximately 400ft North of Kruetzkamp CY. No injuries or damage to property occurred. Investigation to helicopter hook system is ongoing.
Incident	01/17/12	Link 2	Crew entered access road to EP73/74, Arroyo Toad suitable habitat, prior to the 2 hr waiting period following dawn and biological monitor clearance. Crew was spoken to and better signage is to be installed.
Incident	01/18/12	Link 1	Concrete blocks were placed outside of approved disturbance area at EP224/5 prior to the approval of Variance #37. To limit disturbance, blocks have been left, but cannot be used until approval of the variance.
Incident	01/18/12	Link 1	Assembly crew arrived at EP177 prior to an approved bird survey having been conducted and submitted. Crews were ushered out by onsite avian biologist performing said survey.
Incident	01/18/12	Link 1	Foundation crew entered PBHS habitat at EP256 outside of approved work window. They were escorted out by monitors at a nearby site upon noticing. GF for crew was released by the project and a standdown with GF and foreman was performed on 01/23/12.
Incident	01/19/12	Link 2	Bird strike occurred during helicopter operations near EP33. Monitors on board believed the bird to be a swallow, but no remains were found to confirm.
Incident	01/20/12	Link 5	Wire dropped between CP96 and CP100 during wire operations. No resources were found to be damaged, hurt or killed.
Incident	01/20/12	Link 5	Gate left open for access road to pull site between CP64/65 and released livestock that was present. Monitors were brought onsite to herd them back into the pen and ensure security of the gate.
Incident	01/24/12	Link 5	Helicopter breached the GE buffer at Bell Bluff region approximately 621 feet. No resources impacted.
Incident	01/25/12	Link 5	Helicopter was noted by CPUC EM to have landed outside of approved project workspace. Correction was made immediately and discussion was had with pilot about landing in only approved areas.
Incident	01/26/12	Link 5	Helicopter breached the GE buffer at the Bell Bluff region approximately 521 feet. No resources impacted.
Incident	01/27/12	Link 2	Helicopter breached the GE buffer at the Thing Valley region approximately 161 feet. No resources impacted.
Incident	01/31/12	Link 1	Fuel tanker was refueling a smaller fuel truck for use by project helicopters in unapproved workspace near JVR. Link Lead made immediate correction and spoke to crew.
Incident	02/01/12	Link 2	Helicopter breached the GE buffer at the Thing Valley region by an unknown amount. No resources impacted.

CONSTRUCTION PROGRESS

Table 6 provides a summary of construction progress through the end of the subject reporting period, with the exception of towers released for construction which reflects towers released to date.

TABLE 6
CONSTRUCTION PROGRESS

Agency	Total Towers	Released for Construction thru 02/13/12	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	169	169	133	91	49
Bureau of Land Management	179	179	158	117	95
US Forest Service	76	76	31	17	18
Miramar	14	14	14	14	1
Total	438	438	336	239	163

PROJECT PHOTOGRAPHS



Figure 1: Final grading of the permanent maintenance pad at EP207. (Link 1)



Figure 2: Micropile drilling at EP234-1. (Link 1)



Figure 3: Boulder busting crews prepping site at EP13-3. (Link 2)



Figure 4: Helicopter view of new driveway to Bauer Bridge. (Link 4)



Figure 5: Slope restoration at CP23 pull site. (Link 5)



Figure 6: Micropile drilling and incoming helicopter load at CP32-2. (Link 5)



Figure 7: Helicopter view of towers looking north, down Chocolate Canyon, from Slay Property towards CP75. (Link 5)



Figure 8: Undercut wattles at EP187-2 pull site. (Link 1)



Figure 9: Helicopter noted to be outside of an approved TSAP near CP59.



Figure 10: View of transformers at Suncrest Substation. (Link 3)



Figure 11: Start of fence removal at S-2 Yard. (Link 1)