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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: January 6, 2012
Subject: Weekly Report 65 – December 11 to December 17, 2011

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:

- Vegetation clearing occurred at Tower EP183.
- Foundation preparation for the regeneration site was conducted at EP215.
- Final grading took place at EP296.
- Air track drilling occurred at EP170.
- Conventional drilling was conducted at EP185-1.
- Micropile drilling took place at EP183, EP184-1, EP228, and EP237-1.
- Micropile cap work occurred at EP223-1, EP259-3, EP259B, EP261-2, EP261A, and EP262-4.
- Tower assembly was conducted at EP257, EP259-3, EP259B, EP261-2, EP261A, and EP262-4.
- Rebar was installed at EP185-1.
- Cleanup took place at EP255-2, EP256, and EP261A.
- QA/QC was performed at EP255-2 and EP257.
- Ground resistance testing occurred at EP259-3, EP259B, EP261-2, and EP262-4.
- Equipment was mobilized to EP255-2 pull sites.
- Travelers were installed from EP255-2 to EP262-4.
- Insulator work was conducted from EP255-2 to EP262-4.



BLM Lands:

- Vegetation clearing occurred at EP189-3, and EP251 south guard structure.
- Final grading was conducted at EP292-1, EP291, and EP295, from EP297 to EP304-2, EP307-1 pull site, and EP325-2.
- A radio repeater was delivered to EP271-2.
- Air track drilling took place at EP170.
- Conventional drilling occurred at EP177, EP18-3, and EP196-2.
- Rebar was installed at EP177.
- Concrete pouring was conducted at EP177.
- Micropile drilling took place at EP148-1, EP152-2, EP188-1, EP194-3, EP195-2, and EP196-2.
- Micropile cap work occurred at EP263A-2, EP267-2, EP269-1, EP270-2, and EP272-3.
- Tower assembly was conducted at EP263A-2, EP263B-2, EP264-4, EP265-2, EP266-2, EP267-2, EP270-2, EP271-2, EP272-3, EP273-1, EP275-1, and EP277-1.
- Miscellaneous tower work (installation of anti-climbing guards, bird deterrents, and/or signs) was conducted at EP269-1, EP295, EP301, from EP308 to EP313, and from EP322-1 to EP330-1.
- QA/QC took place at EP266-2, EP269-1, EP270-2, EP275-1, and EP290.
- Concrete block anchors were installed at EP275-1.
- Ground resistance testing occurred at EP263A-2, EP263B-2, EP264-4, and EP265-2.
- Travelers were installed from EP263A-2 to EP269-1 pull site and at EP290.
- Insulator work was conducted from EP263A-2 to EP269-1 pull site and EP291-1.
- Sock line and hard line was pulled from EP269-1 to EP292-1 (see Figure 1).
- Conductor was pulled on B and C phase from EP269-1 to EP292-1.
- Sagging took place from EP269-1 to EP292-1.
- Implosive sleeving occurred at EP292-1 pull site.
- Fiber testing and repairs were made from EP291 through EP363-1.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Access road construction occurred at EP58-2-N, EP58-2-E, and EP105-2-E-B.
- Grading was conducted along CY-Kreutzkamp-E and EP93-N.
- Gate crew worked at EP36-1-E.
- Driveway construction took place at CY-SWAT-E.
- Soil boring occurred at EP32-1.
- Conventional drilling was conducted at EP30-2, EP32-1, and EP105-2.
- Various foundation work (including curing, cage installation, etc.) took place at EP104-2.
- Concrete pouring occurred at EP27-1 and EP10402.
- Form removal was conducted at EP26-1, EP103-2, and EP104-2.

BLM Lands:

- Access road construction occurred at EP58-2-E.
- Conventional drilling was conducted at EP39-1 and EP51-1.
- Various foundation work (including curing, cage installation, etc.) took place at EP97, EP98-1, and EP99-2.

- Concrete was poured at EP97 and EP98-1.
- Form removal occurred at EP96, EP98-1, and EP103-2.
- Tower assembly was conducted at EP45-1.
- QA/QC took place at EP42 and EP47-2 (golden eagle [GE]).
- Marker ball installation occurred from EP42 to EP47-2 (GE).

US Forest Service Lands:

- During this reporting period, the PAL Levels were as follows: Monday: A, Tuesday: A, Wednesday: A, Thursday: B, Friday: A, and Saturday: A. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Access road construction occurred at EP12-3-N, EP22-1-PS-N, EP23-2-PS-N, EP35-1-N, EP36-1-N, and EP58-2-N.
- Vegetation clearing was conducted at EP12-3, EP17 TSAP, EP28-3 TSAP, EP29-2 TSAP, EP35-1, EP36-1, EP58-2, EP124 TSAP, EP128, EP128 TSAP, EP129, EP129 TSAP, EP142-1 TSAP, and EP143-1 TSAP.
- Gate and barrier installation took place at EP9-1-N, EP11-3-E, EP74-1-E, EP113-5-E, and EP127-N.
- Driveway work occurred at EP24-1-E and EP10502-E-A.
- Micropile drilling was conducted at EP5-2 and EP7-1.
- Soil boring took place at EP9-1, EP11-3, EP12-3, EP32, EP36-1, and EP112-3.
- Conventional drilling occurred at EP112-3 and EP112A-1.
- Various foundation work (including cage installation, etc.) was conducted at EP113-5.
- Concrete pouring took place at EP112A and EP113-5.
- Form removal occurred at EP112A and 113-5.
- Ground resistance testing was conducted at EP125, EP126-1, EP127, and EP130-1.
- Dead-end work took place at EP132-2 and EP141 (GE).
- Conductor was clipped in at EP140-1.

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

- Revitalization occurred near Bay Meadows and Louse Drive, Tavern Road to South Grade Road, and Alpine Boulevard.
- Relocated mailbox at Loritz driveway.
- Transitions at Alpine Creek, Alpine Boulevard, Honey Hill Ranch to Tavern Road, Vaults V10R to V11R, and Alpine Boulevard 2100 – 2500 blocks.
- Proofing occurred from V10R to V11R.
- Pre-racking/racking, jointing and splicing, and manhole cleaning was conducted at V1R, V2R, V7R, V18L, V19L, and V20R.
- Paving took place at the Loritz driveway entrance.
- Fiber was pulled from V8R to V5R and from V3R to V6R.
- Milling and plate setting took place at Viejas Creek.
- Scaffolding was erected at EP95, Loritz, and Slay riser poles.
- Terminating at Loritz riser pole and Slay riser pole.
- Work at Bauer Bridge occurred (see Figures 2 and 3),

4. Link 5:

Non-Federal Lands, 220 kV Overhead Transmission Line:

- Vegetation clearing occurred at CP27 TSAP, CP28-1 TSAP, CP32-2 TSAP, CP33A, CP33A TSAP, CP34-2, CP34-2 TSAP, CP35-2, CP48-2, and CP49-1 (see Figure 4).
- Grading was conducted at CP48-2 and CP49-1.
- Final grading took place at CP70-3 (see Figure 5).
- Access road construction occurred at CP49-1-N pull site.
- Dexpan boulder braking was conducted from CP27 to CP52-2 and at CP49-1-N pull site.
- Micropile drilling took place at CP43-1, CP50-1, CP52, CP54-1, and CP76-1.
- Grouting occurred at CP42-1, CP51-2, and CP53-1.
- Micropile capping work was conducted at CP56-1 and CP84.
- Tower assembly took place from CP16-1 to CP22-1.
- Ground rod installation occurred at CP16-1, CP25-2, and CP26.
- Jumpers were installed from CP70-3 to CP75-1.
- Dead-end work was conducted from CP100-1 to CP109-1 (GE).

BLM Lands, 220 kV Overhead Transmission Line:

- Micropile drilling occurred at CP59.
- Micropile capping work was conducted at CP58-1.

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

- Vegetation clearing occurred at CP8-2, CP11-1, GS-NF-4, and GS-NF-6.
- Grading was conducted at CP8-2, CP10, and CP11-1.
- Access road construction took place at CP6-1-E, CP6-1-N, and CP7-E.
- Conventional drilling occurred at CP3 and CP8-2.

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

- Vegetation clearing occurred between Pomerado Road and Sycamore Substation.

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

- No work occurred during this reporting period.

US Forest Service Land:

- During this reporting period, the PAL Levels were as follows: Monday: A, Tuesday: A, Wednesday: A, Thursday: B, Friday: A, and Saturday: A. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Final grading occurred at CP69-2.
- Conventional drilling was conducted at CP99-2.
- Sagging, clipping and dead-end work took place from CP100-1 to CP109-1 (GE) (see Figure 6).
- Spacers and jumpers installed from CP100-1 to CP109-1 (GE).
- Equipment was demobilized from mCP100-1 to CP109-1 (GE).
- Cleanup occurred at CP104-1 and CP105-1 (GE).

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:

- Maintained at tower sites and spur roads from EP183 to EP185-2, EP199-3, from EP107 to EP220-1, EP240, and EP257.

BLM Lands:

- Installed at EP183 and EP257.
- Maintained at tower sites and spur roads from EP170 to EP182, from EP186-1 to EP198-3, and from EP200-3 to EP206-1.

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

Non-Federal Lands:

- BMP installation occurred at EP58-2-N.
- BMP maintenance was conducted at EP11-3-N, CY-SWAT-E, EP261-N, EP26-1-E, EP27-1-E, EP27-1-N, EP27-1, EP30-2, EP32-1, EP54-1, EP62A-1-E, EP64-E, EP89-1, EP89-1 pull site, from EP91 to EP99-2, and EP105-2-N.

US Forest Service Lands:

- BMP installation occurred at EP9-1-N, EP22-1, EP23-2, EP23-2 pull site, EP23-2-N pull site, EP58-2-N, EP89-1-E, EP128, and EP129.
- BMP maintenance was conducted at EP9-1, EP11-3-N, EP12-3-N, EP22-1-PS-N, from EP125-E-A to EP138-2-E-A (and associated spur roads), from EP125 to EP127, EP129, EP129 TSAP, EP130-1, EP131, EP141, EP141-E-B (see Figure 7), and EP143-1.

BLM Lands:

- BMP maintenance occurred at EP42-N, from EP47-2-N pull site to EP53-3-E-B, EP47-2, EP53-3, EP63-3, from EP64 to EP83, EP89-1, from EP90-1 to EP99-2, and EP99-2-N-A.

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

- BMP installation and driveway stabilization occurred at Bauer Bridge.

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

Non-Federal Lands:

- BMP installation occurred CP29-1-E-A, CP31-2-E, CP48-2, CP49-1-N pull site, and CP49-1.
- BMP maintenance was conducted at CP56-1-E-B pull site, CP63-3, CP70-3 (see Figure 8), CP84, and CP98.

BLM Lands:

- No BMP installation occurred during this reporting period.

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

- BMP installation occurred at CP8-2, CP10, and CP11-1.

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

- No BMPs were installed or maintained during the reporting period.

US Forest Service Lands:

- BMP maintenance occurred at CP69-2, CP99-2, and CP100-1.

6. No Peninsular bighorn sheep (PBS) were reported within or around the right-of-way during this reporting period. There were PBS reported approximately 3,000 feet from the work areas on December 12, 15, and 16. (Link 1)

7. Arroyo toad fencing was installed at EP66-E and between EP75-2-E-A and EP79-E-C. (Link 2)

8. Minor leaks, drips, and releases on USFS lands were submitted to the USFS in a weekly HazMat log. (Link 2)
9. Two silvery legless lizards (*Anniella pulchra pulchra*) were relocated from EP12-3 away from construction activities to a more suitable habitat. (Link 2)
10. It was noted to the Link Lead that turbid water was observed exiting the access road near EP10 (see Figure 9). (Link 2)
11. One Coronado skink (*Plestidon skiltonianus interparietalis*) was relocated from CP33 away from construction activities to a more suitable habitat. (Link 5)
12. Pre-construction surveys were performed throughout Link 1, 2 and 5 with appropriate monitors.

No 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, Timothy Cardoza

Substation Construction AND UPGRADES

Summary of Activity:

1. Suncrest Substation, Link 3 (non-federal lands): Class 2 base was crushed for select fill material. Trenching for conduit and ground grid in the northwest quadrant occurred. Steel was erected in the southwest quadrant of the pad. Finish grading was conducted north and south of the transformers. Breakers were assembled. Oil filling activities and pulling vacuum continued on the transformers. Insulators were installed in the 500 kV yard. Tension bands were wrapped and installed around the water tank. Shotcrete was put on the water tank as well (see Figure 10). Disassembled water pipes were removed from along Bell Bluff Truck Trail (BBTT) and taken offsite. Debris piles were removed.
2. Imperial Valley (IV) Substation Upgrade (BLM lands): Crews worked inside the new storage warehouse. Crews worked on wiring. Work on the concrete pad and driveway approaches at the new warehouse were conducted. Transmission wire was pulled between A-frames at the entrance of the substation.
3. San Luis Rey Substation (non-federal lands): Wiring occurred on Bank 70.
4. Encina Substation (non-federal lands): Wiring at the control house and panel new Bay 10 occurred. Material was dropped off, work on the temporary fence in the 230 kV switchyard, and clean up near the new transformed was conducted. New fence installation at the southern area of the switchyard took place.
5. Sycamore Substation (non-federal lands): Crews worked on building disconnects for 230 kV upgrades. Towers were constructed for installation near the new 230 kV transformer.

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 occurred at the new warehouse at IV Substation. (Link 1)
3. BMP maintenance and repair occurred on the substation pad and along BBTT. Silt fence was also either repaired or removed offsite. (Link 3)

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:

1. Alpine Construction Yard – Materials staging and weed wash station operations occurred.
2. Alpine Headquarters – No significant activity occurred during the reporting period.
3. AER Yard – Helicopter operations, tower assembly, staging for wire stringing material and crews, dust control, and BMP maintenance occurred.
4. Barrett Canyon Yard – Helicopter operations, dust suppression, and staging for BMPs, foundation and wire crews took place.
5. Bartlett-Hauser Yard – Water staging, BMP drainage maintenance, weed maintenance, dust suppression, staging for road and BMP crews, and weed wash station operations occurred. Staging for hooking, gate, driveway, conventional foundation, and BMP crews also took place.
6. Fromm Yard – Tower assembly, helicopter activity, staging for tower erection and wire stringing crews, water staging, and dust suppression occurred. Slats were also removed from the fence to avoid being blown over.
7. El Monte Yard – Staging for wire and hooking crews, water staging, helicopter operations, and dust suppression took place in the yard.
8. Helix Yard – Helicopter operations, equipment and materials staging, concrete and crew staging, weed wash station, dust suppression, water staging, micropile and pile cap staging, and tree trimming.
9. Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, water and equipment staging, materials staging, staging for micropile, erection and wire stringing crew staging, dust suppression, and hub for coordination of activities within Peninsular Bighorn Sheep (PBS) areas occurred.
10. Kreutzkamp Yard – Weed clearing, helicopter operations, staging for road and BMP crews, weed wash station operations, water staging, and dust suppression occurred.
11. Rough Acres Yard – Helicopter operations, staging for foundation and BMP crews, materials staging, tower assembly, water staging, dust suppression and weed wash station usage was conducted.
12. SWAT Yard – Concrete staging, water staging, helicopter operations, dust suppression, weed wash station operations, and staging for road, conventional foundation, TSAP and wire crews occurred. Brush clearing also took place.
13. S2 Yard – Water staging, helicopter activity, tower assembly, and dust suppression took place. Staging for erection, wire stringing, survey, road, QC, and assembly crews also occurred.
14. Sycamore Yard – Weed wash station, dust suppression, and water staging (from hydrant), tower assembly, BMP staging, and road crew and foundation crew staging occurred. TSAP, pilecap, wire, survey, micropile, and erection crew staging also took place.
15. Wilson Yard – Materials were staged for Suncrest Substation. Helicopter operations, micropile and wire crew staging, water staging and dust suppression took place.

Federal Lands (BLM):

16. Dunaway Yard – Hand seeding occurred.
17. Imperial Valley Yard – Hand seeding of the yard was completed.
18. McCain Valley Yard – Tower assembly, helicopter operations, staging for conventional foundation crews, dust suppression, and water staging occurred.
19. Plaster City Yard – Demobilizing office trailers and yard restoration.

Federal Lands (USFS):

20. Thing Valley Yard – Helicopter operations, water staging, and dust suppression occurred. Staging for road, gate installation, TSAP, BMP, tree trimming, wire, and erection crews also took place.

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.

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 01/06/2012)

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
#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 01/06/2012)

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.
#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.

Variance Request	Date Requested	Date Issued	Segment #	Description
#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.
#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	To CPUC		Modification to guard structure location
#33	11/28/11	Under Review	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.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 01/06/2012)

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 Request	Date Requested	Date Approved	Segment #	Description
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 #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 Request	Date Requested	Date Approved	Segment #	Description
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.

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 12/08/2011)

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.
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.

Type	Date	Location	Description
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	01/14/12	Link 1	Peninsular Bighorn Sheep Construction Monitoring Plan violations.

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

TABLE 5
PROJECT INCIDENTS
(Updated 01/06/2012)

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.
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.

Type	Date	Location	Description
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.
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.

Type	Date	Location	Description
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.
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.

Type	Date	Location	Description
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	PHS habitat violation with low elevation flights in restricted areas.
Incident	12/04/11	Link 1	PHS habitat violation with low elevation flights in restricted areas.

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 12/15/11	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	169	169	93	53	23
Bureau of Land Management	180	180	127	93	67
US Forest Service	75	75	20	16	17
Miramar	12	12	4	3	0
Total	436	436	244	165	107

PROJECT PHOTOGRAPHS



Figure 1: Wire stringing activities at EP269 pull site. (Link 1)



Figure 2: Failed BMP at Bauer Bridge during storm event. (Link 4)



Figure 3: Storm water runoff from the access road to Bauer Bridge moving towards Chocolate Creek. (Link 4)



Figure 4: Grading at CP49-1 pull site and CP49-1. (Link 5)



Figure 5: Final grading at CP70-3. (Link 5)



Figure 6: Wire stringing activities at CP100-1. (Link 5)



Figure 7: Check dams along La Posta Road in USFS. (Link 2)



Figure 8: BMP maintenance at CP70-3. (Link 5)



Figure 9: Turbid water exiting access road near EP10. (Link 2)



Figure 10: Shotcrete application on water tank near trailers. (Link 3)