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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: December 7, 2011
Subject: Weekly Report 62 – November 20 to November 26, 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:

- Tree removal occurred at Tower EP210.
- Boulder removal occurred at EP254-3
- Micropile cap work occurred at EP259-3 and EP262-4.
- Conventional drilling occurred at EP184-1.
- Tower assembly occurred at EP199.

BLM Lands:

- Vegetation was cleared at EP187-2 pull site south, EP192-2 pull site, and EP193-2 pull site.
- Topsoil salvage occurred at EP187-2 pull site south and EP200-3 pull sites.
- Bridge building occurred at EP187-2 pull site south.
- Grading occurred at EP187-2 pull site south and EP200-3 pull sites.
- Micropile drilling occurred at EP246, EP249, EP265-2, EP270-2, and EP281.
- Micropile cap work occurred at EP263A-2, EP263B-2, EP264-4, EP265-2, EP270-2, EP272-3, EP273-1, EP276-1, EP277-1, and EP281.
- Air track drilling occurred at EP191, EP192, and EP193.
- Conventional drilling occurred at EP170 and EP192-2.
- Concrete pouring occurred at EP171, EP192, and EP276-1.
- Form removal and cleanup occurred at EP171, EP172, and EP186.



- Equipment demobilized from EP281.
- Tower assembly occurred at EP197, EP278-1, and EP279-1.
- Wire splicing occurred at EP212 and EP313.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Access road construction occurred at EP95-N and EP103-2-N (see Figure 1).

BLM Lands:

- Vegetation clearing occurred at EP63.
- Access road construction occurred at EP94-N, EP96-N-A, EP96-E, EP96-N-B, EP97-N, EP98-1-N, EP99-2-N-A, EP99-2-N-B, EP101-2-PS-N, EP101-2-PS-E, EP103A-2-N, and EP103-2-N.
- Grading occurred at EP63.
- Conventional drilling occurred at EP39-1.
- Ground resistance testing occurred at EP45-1.
- Travelers work occurred at/between EP42 (see Figure 2) to EP47-2.
- Sock line (see Figure 3), hard line haul back, and sagging occurred from EP42 to EP47-2.
- Temporary marker balls were installed at/between EP42 to EP47-2.
- Tower assembly occurred at EP42, EP43-1 (GE), EP44 (GE), EP45-1, and EP47-2 (see Figure 4).
- Hydroseeding occurred at EP43-1 (GE), EP43 TSAP(GE), EP44 (GE), EP44 (GE) TSAP, EP45 TSAP, and EP47-2 TSAP.

US Forest Service Lands:

- During this reporting period, the PALs were as follows: Monday: A, Tuesday: C, Wednesday: C, Thursday: B, Friday: B, and Saturday: D. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Access road construction occurred at EP105-2-E-A, EP105-2-E-B, EP112A-1-N, EP112A-1-E, EP112-3-N, EP112 3 E, EP113-5-N, EP113-5-E, EP125-N, EP126-1-N, EP127-N, EP130 1 N, EP131-N, EP140-1-N, EP141-N, and La Posta Road from pavement to EP141.
- Vegetation clearing occurred at EP9-1, EP9-1-N, EP9-1 pull site, EP14-1, EP14-1 TSAP, EP15, EP15 TSAP, EP17, EP17 TSAP, EP18, EP18 TSAP, EP19-1, EP19-1/EP20-2 TSAP, EP20-2, EP23-2, EP23-2 TSAP, EP28-3, and EP28-3 TSAP.
- Grading occurred at EP14-1, EP14-1 TSAP, EP15, EP15 TSAP, EP17, EP17 TSAP, EP19-1, EP19-1 TSAP, EP20-2, EP21-1, and EP21-1 TSAP.
- Micropile drilling occurred at EP2-3, EP3-3, EP4-3, EP5-2, EP6-1, and EP8-2.
- Insulator work occurred at/between EP130-1 to EP141.
- Traveler work occurred at/between EP130-1 to EP141 (see Figure 5).
- Form removal and clean up occurred at EP125.
- Driveway construction occurred at EP105-2-E-A, EP113-5-E, and EP116-1-E.
- Tower assembly occurred at EP131, EP132-2 (GE), EP134-1 (GE), EP135 (GE), EP136 (GE), EP137 (GE) (see Figure 6), EP138-2 (GE), EP139-1, EP140, and EP141.
- QA/QC occurred at EP132-2 (GE), EP134-1 (GE), EP138-2 (GE), EP139-1, and EP140-1.
- Gate/fence installation occurred at EP130-1 and EP131.
- Hydromulching occurred at EP131 to EP141.

3. Link 4, 220 kV Underground Transmission Line (non-federal lands only):
- Revitalization occurred near Bay Meadows and Louise Drive.
 - Backfilling occurred at Viejas Creek Bridge.
 - Saw cutting occurred at Vault V9L and V8R.
 - Pre-racking/racking and cleaning manholes for jointing/splicing occurred at V18L, V19L, V20L, and V8R.
 - Proofing occurred from V18R to V19R.
 - Scaffolding was erected at EP95 and the Loritz Property.
 - Terminating occurred at the Loritz riser pole.
 - Grading occurred at the Bauer/Slay properties and Caltrans bore location.

4. Link 5:

Non-Federal Lands, 220 kV Overhead Transmission Line:

- Grading occurred at CP55/CP56 pull site (see Figure 7).
- Access road construction was conducted at CP31-2, CP31-2-N, CP31-2-PS-E, CP49-1-PS-E, CP56-1-PS-E-B, and CP106-1-N.
- Dexpan boulder breaking took place at CP48, CP49-1, CP50-1, CP51-1, and CP53-1.
- Conventional drilling occurred at CP98-1.
- Micropile drilling was conducted at CP57, CP61-1, and CP81-1.
- Micropile grouting took place at CP106-1, CP107, and CP109-1.
- Tower assembly occurred at CP70-3, CP106-1 (GE), CP107, CP108, and CP109-1.
- Ground rod testing was conducted at CP70-3, CP107, and CP109-1.
- Site cleanup took place at CP106-1 (GE), CP107, CP108, and CP109-1.
- Insulators and travelers were installed from CP100-1 to CP109-1.
- Snubs were installed at CP64/CP65 pull site.
- Sock line, hard line haul back, and conductor were pulled from CP65-1 pull site to CP75-1 (GE).
- Sock line, hard line haul back, and conductor were pulled on two phases of CP100-1 to CP109-1 (GE) (see Figures 8 and 9).
- Sagging occurred from CP65-1 to CP75-1 (GE).
- Dead-end work was conducted at CP75.

BLM Lands, 220 kV Overhead Transmission Line:

- Micropile drilling occurred at CP61.
- Sock line, hard line haul back, and conductor were pulled from CP65-1 pull site to CP75-1 (GE)
- Sagging occurred from CP65-1 to CP75-1 (GE).

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

- Conventional drilling occurred at CP15-1.

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

- No work occurred during this reporting period.

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: B, Tuesday: C, Wednesday: D, Thursday: D, Friday: C, and Saturday: B. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Conventional drilling occurred at CP99-2.
- Tower assembly was conducted at CP69-2, CP100-1, CP101-1, CP103-2, CP104-1 (GE), and CP105-1 (GE).
- Ground rod testing took place at CP69-2, CP100-1, CP101-1, CP103-2, CP104-1 (GE), and CP105-1 (GE).
- Sock line, hard line haul back, and conductor were pulled from CP65-1 pull site to CP75-1 (GE).
- Sock line, hard line haul back, and conductor were pulled on two phases of CP100-1 to CP109-1 (GE).
- Sagging occurred from CP65-1 to CP75-1 (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:

- Installed at EP220.
- Maintained at EP207 to EP219.

BLM Lands:

- Installed at EP170-N to EP176-N, EP179, EP181, EP186, EP187, and EP187-2 pull site south.
- Maintained at EP170 to EP206.

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

Non-Federal Lands:

- EP65-1, EP66-E, and EP95-N.

US Forest Service Lands:

- EP9-1-N, EP65-1-E, EP112A-1-E, EP112-3-E, EP113-5-E, EP125-N, EP126-1, EP126-1-N, EP127-N, EP130-1-N, EP131-N, EP140-1-N, EP141-N, and La Posta Road from pavement to EP141.

BLM Lands:

- EP94-N, EP96-N-A, EP96-E, EP96-N-B, EP97-N, EP98-1-N, EP99-2-N-A, EP99-2-N-B, EP101-2-PS-N, EP101-2-PS-E, EP103A-2-N, and EP103-2-N.

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

- No BMP installation or maintenance was reported.

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

Non-Federal Lands:

- BMP installation occurred at CP16-1, CP23, CP24-1, CP25-2, CP31-2, CP31-2-E, CP31-2-N, CP48, CP49-1, CP49-1-PS-N, CP55, CP56-1 pull site, CP56-1-PS-E-B, CP55/CP56-1 pull site, CP64-2, CP70-3, CP106-1-E (GE), and CP106-1 (GE).

BLM Lands:

- No BMP installation occurred during this reporting period.

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

- BMPs were installed at CP15-1.

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

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

US Forest Service Lands:

- BMPs installation occurred at CP69-2 and CP100-1.

6. Minor leaks, drips, and releases on USFS lands were submitted to the USFS in a weekly HazMat log. (Link 2)
7. One coast horned lizard (*Phrynosoma blainvillii*) was relocated from the EP97 access road. Two silvery legless lizards (*Anniella pulchra pulchra*) were relocated; one from EP132-2 (GE) and one from the access road between EP92 and EP93. (Link 2)
8. 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): Final grading was conducted east of the guard shack and Class 2 base was placed (see Figure 10). Paving occurred east of the guard shack to the top of the hill. Final grading was completed at the northwest quadrant of the pad and Class 2 base was placed. Steel erection continued in the southwest quadrant of the pad. Rock was crushed for Class 2 base. Foundations were formed and concrete was poured. Trenching for conduit and ground grid took place in the southwest quadrant. Wire pull equipment was set up in the northeast quadrant of the pad and wire pull activities commenced (see Figure 11). Bands were installed on the 300,000 gallon water tank near the trailers.
2. Imperial Valley (IV) Substation Upgrade (BLM lands): Crews staged equipment in the northwest corner of the substation. The foundation pads at Bay 4 were completed, along with erected steel frames and bus supports. Work continued inside the new storage warehouse.
3. San Luis Rey Substation (non-federal lands): No Sunrise-related work occurred during the reporting period.
4. Encina Substation (non-federal lands): The contractor worked to prepare the containment basin for additional concrete pours. A new containment basin was excavated around the transformer on the east side of the control house. Driveway approaches on the eastern and northern gate entrances were cleaned to eliminate track-out. Conduit was installed in and around the control house.
5. Sycamore Substation (non-federal lands): SDG&E crews worked on upgrades in Bay 21.

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 installation occurred along Bell Bluff Truck Trail (BBTT) and on the substation pad near both northern and southern detention basins.

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 – Materials staging and helicopter operations occurred.
4. Barrett Canyon Yard – Preparation for pulling sock line and wire occurred.
5. Bartlett-Hauser Yard – Water staging, equipment staging, and weed wash station operations occurred.
6. Fromm Yard – Tower assembly, water staging, and dust suppression occurred.
7. El Monte Yard – Crew staging, equipment and materials staging took place in the yard.
8. Helix Yard – Helicopter operations, equipment and materials staging, concrete and crew staging, grouting operations, weed wash station, water staging, and weed maintenance occurred.
9. Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, water and equipment staging, materials and concrete staging, crew staging, dust suppression, tower assembly, and hub for coordination of activities within Peninsular Bighorn Sheep (PBS) areas occurred.
10. Kreutzkamp Yard – Tower assembly, helicopter operations, weed wash station operations, water staging, dust suppression, and air crane operations occurred.
11. Rough Acres Yard – Helicopter operations, materials staging, tower assembly, water staging, dust suppression and weed wash station usage was conducted.
12. SWAT Yard – Tower assembly, weed wash station operations, concrete staging, water staging, helicopter operations, and dust suppression occurred.
13. S2 Yard – Water staging, dust suppression, and hub for coordination of activities within PBS areas took place in the yard.
14. Sycamore Yard – Weed wash station, dust suppression, and water staging (from hydrant) occurred.
15. Wilson Yard – Materials were staged for Suncrest Substation. Helicopter operations, water staging, dust suppression and tower assembly also took place.

Federal Lands (BLM):

16. Dunaway Yard – No activity.
17. Imperial Valley Yard – No activity.
18. McCain Valley Yard – Tower assembly, helicopter operations, dust suppression, and water staging occurred.
19. Plaster City Yard – Water staging and dust suppression occurred.

Federal Lands (USFS):

20. Thing Valley Yard – Steel delivery, helicopter pad completion, rigging of towers, and minor grading for a water tank pad occurred (see Figure 12).

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. Two Silvery Legless Lizards (*Anniella pulchra pulchra*) were found dead at the Thing Valley Yard. (Link 2)
3. One two-striped garter snake (*Thamnophis hammondi*) was relocated from Kreuzkamp Yard. (Link 2)
4. One red diamond rattlesnake (*Crotalus ruber*) was relocated from the Alpine Upper Yard. (Link 4)

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 12/08/2011)

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 12/08/2011)

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.
#30	11/01/11	11/15/11	Links 1, 2, & 5	Temporary parking and turn around areas.
#31	11/08/11	Retracted	Links 2 & 5	Request for site specific exemption of Condition 37 of NTP 13.
#32	11/15/11	Under Review	Links 1, 2, & 5	Additional workspace for wire pulling activities.
#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 Golden Eagle buffer (MM B-7h).

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 12/08/2011)

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 Request	Date Requested	Date Approved	Segment #	Description
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 #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 Golden Eagle 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 breaching 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	Link 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	Link 2 & 5	Fire Plan and Traffic Control Plan violations.
FS NCR #3	11/30/11	Link 2 & 5	Tower assembly, erection and wire stringing work is suspended for towers not associated with Golden Eagle buffers on the Cleveland National Forest until resolution of all noncompliance colorization issues are agreed upon by the Forest Service

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

TABLE 5
PROJECT INCIDENTS
(Updated 12/08/2011)

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.
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.

Type	Date	Location	Description
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.
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.

Type	Date	Location	Description
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.
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 12/07/11	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	169	169	87	52	14
Bureau of Land Management	180	180	122	88	58
US Forest Service	75	75	20	16	0
Miramar	12	12	3	3	0
Total	436	436	232	159	72

PROJECT PHOTOGRAPHS



Figure 1: Driveway construction at Cameron Truck Trail & Old Highway 80. (Link 2)



Figure 2: Tower at EP42 at end of a weather event. (Link 2)



Figure 3: Helicopter running sock line over the mile span from EP43 to EP42. (Link 2)



Figure 4: EP47-2 and pull site; tower is under construction. (Link 2)



Figure 5: View of EP135 (GE), EP136(GE), EP137(GE), EP138-2(GE), EP139-1, and EP140. (Link 2)



Figure 6: Air crane attempting to set top on tower EP 137.



Figure 7: CP55/CP56-1 pull site activities. (Link 5)



Figure 8: Wire stringing activities at CP100-1. (Link 5)



Figure 9: Sock line pulled through CP106-1. (Link 5)



Figure 10: Final grading and placing of Class 2 base along Bell Bluff Truck Trail. (Link 3)



Figure 11: Wire stringing equipment on the Suncrest Substation pad. (Link 3)



Figure 12: Helicopter view of Thing Valley Construction Yard, EP130-1, EP131 and EP 132-2. (Link 2)