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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 16, 2012  
**Subject:** Weekly Report 67 – December 25 to December 31, 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):** Valerie Yep and David Lee.

**TRANSMISSION LINE CONSTRUCTION**

**Summary of Activity:**

1. Link 1, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Guard structure clearing occurred at Tower EP221-2 and EP239-1.
- Vegetation clearing for gate installation was conducted at EP185-2.
- Trenching, pouring, and gas line installation occurred for the regeneration site at EP215.
- Final grading occurred at EP256 and from EP258-3-N to EP261-2-E.
- Micropile drilling was conducted at EP237-1 (redrilled).
- Micropile cap work occurred at EP261-2, EP261A, and EP262-4.
- Grouting took place at EP228, EP236-1, and EP237-1.
- Tower assembly was conducted at EP262-4.
- Miscellaneous tower work (installing anti-climbing guards, bird deterrents, and/or signage) took place from EP256 to EP262-4 and EP296.
- Ground rod installation occurred at EP223-1.
- OPGW was pulled from EP255-2 pull site to EP269-1 pull site.
- OPGW was sagged and clipped from EP269-1 pull site to EP292-1 pull site.
- Conductor was sagged and clipped from EP255-2 pull site to EP269-1 pull site and from EP269-1 pull site to EP292-1 pull site.
- Dead-end work was conducted at EP261-2.
- Insulator work and marker balls were installed at EP261-2.
- Spacers were installed from EPEP255-2 pull site to EP269-1 pull site and from EP269-1 pull site to EP292-1 pull site.



BLM Lands:

- Vegetation clearing occurred at EP187-2, EP187-2-N, and EP227 TSAP.
- Vegetation clearing for gate installation was conducted at EP179.
- Grading took place at EP187-2, EP187-2-N, and EP189-3.
- Final grading occurred at EP169-1-E, EP290, EP291-1, EP29201 pull site, and EP313-E.
- Conventional drilling was conducted at EP170.
- Various foundation work (including curing, cage installation, etc.) took place at EP170.
- Micropile drilling occurred at EP144, EP145, EP147, EP148-1, EP149, and EP189-3.
- Micropile cap work was conducted at EP263A-2, EP263B-2, and EP265-1.
- Tower assembly took place at EP263A-2, EP263B-2, EP264-4, EP265-2, EP277-1, from EP290 to EP195, and from EP297 to EP302-1.
- Exposed ground rods were covered with concrete at EP305-3 and EP310.
- Temporary ground wires were removed from EP290, EP295, and EP301.
- OPGW was pulled from EP255-2 pull site to EP269-1 pull site.
- OPGW was sagged and clipped in from EP269-1 pull site to EP292-1 pull site.
- Conductor was sagged and clipped from EP255-2 pull site to EP269-1 pull site and from EP269-1 pull site to EP292-1 pull site.
- Dead-end work occurred at EP262A-2, EP263B-2, EP264-4, EP267-2 and EP271-2.
- Insulator work was conducted at EP269-1, EP269-1 pull site, and EP281.
- Spacers were installed from EPEP255-2 pull site to EP269-1 pull site and from EP269-1 pull site to EP292-1 pull site.
- Splicing took place at EP269-1 and EP291-1.
- Traveler work occurred at EP270-2 and EP265-2.
- Jumper work was conducted at EP263B-2, EP264-4, EP270-2, EP281, EP290, and EP291-1.
- Marker balls were installed from EP269-1 pull site to EP292-1 pull site.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Vegetation clearing occurred at EP73-1, EP74-1, EP75-2, EP75-2-E-A, EP75-2-E-B, EP76-2, and EP99-2.
- Access road construction occurred at/from EP42-N and EP58-2-N to EP63-E.
- Conventional drilling occurred at EP39-1.
- Form removal occurred at EP96, EP97, EP98-1, and EP99-2.
- Arroyo toad fencing was installed between EP65-1 and EP68 and along EP68-E.

BLM Lands:

- Vegetation clearing occurred at EP73-1, EP74-1, EP75-2, EP75-2-E-A, EP75-2-E-B, EP76-2, and EP99-2.
- Access road construction occurred at/from EP42-N and EP58-2-N to EP63-E.
- Conventional drilling occurred at EP39-1.
- Form removal occurred at EP96, EP97, EP98-1, and EP99-2.
- Arroyo toad fencing was installed between EP65-1 and EP68 and along EP68-E.

#### US Forest Service Lands:

- During this reporting period, the PAL Levels were as follows: Tuesday-D, Wednesday-D, Thursday-D, Friday-C, 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 EP11-3-N, EP12-3-PS-N, EP22-1-PS-N, EP58-2-N through EP63-E, EP76-2-E, EP77-E, EP127-E, and EP129-E-B.
- Vegetation clearing occurred at EP10-2, EP10-2 landing platform site, EP12-3 pull site, EP22 1 pull site, EP58-2, EP58-2-N, EP116-1, and EP116-1-E.
- Grading occurred at EP22-1-PS and GS-USFS-3.
- Grouting occurred at EP3-3, EP4-3, EP5-2, EP6-1, EP7-1, and EP8-2.
- Gate and barrier installation occurred at EP9-1-N, EP11-3-E, and EP113-5-E.
- Driveway work occurred at EP11-3-E.
- Micropile drilling occurred at EP143-1.
- Conventional drilling occurred at EP9-1 and EP12-3.
- Arroyo toad fencing was installed between EP77 and EP79.

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

- Manhole labeling occurred at Vault V7R, V8L, and V10L.
- Work occurred at the Alpine Creek bore site.
- Necking was raised at V7R and V7L.
- Sawcutting occurred at V7R, V7L, V6R, V6L, V5R, and V5L.
- Revitalization occurred at Tavern Road to the 1800 block of Alpine Boulevard and Viejas Creek Bridge.
- Caltrans fence was installed.
- Pre-racking/racking and cleaning manholes for jointing/splicing occurred at V2L, V5R, V6R, V7R, V8R, and V18L.
- Cleaning/marking of manholes occurred at V8L and V10L.
- Fiber pulling occurred at V1L and V1R to the riser poles.
- Bridge work occurred (backfill forms/compaction) at Bauer Bridge.
- Scaffolding was erected for termination work at the Slay property.
- Scaffolding was removed and paving occurred at the Loritz property.
- Jointing occurred at V2L and V18LE.

#### Link 5:

##### Non-Federal Lands, 220 kV Overhead Transmission Line:

- Vegetation clearing occurred at CP23 pull site north, CP54-1, GS-NF-10, and CP95-1/CP96-1 pull site.
- Grading occurred at CP23 pull site north, CP49-1 pull site, and CP57.
- Access road construction occurred at CP23-E, CP23-PS-N-A, CP23-PS-N-B, CP24-1-N, CP49 1 PS-N, CP57-E-A, CP57-E-B, and CP57-E-C.
- Tree trimming occurred at/from CP80-2 to CP83 and CP54-1.
- Blasting occurred at CP31-2 and CP49-1-PS-N.
- Micropile drilling occurred at CP43-1, CP45-1, CP47-2, CP47A-1, CP48-2, CP83, CP85-1, and CP86.
- Grouting occurred at CP50-1, CP52, CP54-1, CP59, and CP77.

- Micropile cap work occurred at CP50-1, CP71, CP72-2, CP73-1, CP74-2, and CP75-1.
- Conventional drilling occurred at CP29-1 and CP31-2.

BLM Lands, 220 kV Overhead Transmission Line:

- Micropile cap work occurred at CP65-1.

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

- Conventional drilling occurred at CP11-1.
- Various foundation work (curing, cage installation, etc.) occurred at CP6 and CP7.
- Concrete pouring occurred at CP7, CP10, and CP13-2.
- Forms removed occurred at CP2, CP3, CP6-1, CP9-1, CP13-2, and CP14.

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

- Access road improvements, and brushing occurred at Location 17 and from Locations 21 to 23 on the TL639.
- Access road improvements, and brushing occurred at Locations 1 to 3 on the TL6916.

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

- No work occurred during this reporting period.

US Forest Service Land:

- No work occurred during this reporting period.

### **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 removal and site stabilization occurred at EP256, EP256-N, EP257, EP257-E-B, EP257-N, EP259B, EP261A, and EP296.
- Hydromulching was conducted at EP258-3, EP259B, EP259-3, EP261-2, and from EP261A to EP262-4.

BLM Lands:

- BMP installation occurred at EP187.
- BMP removal and site stabilization was conducted at EP265-2, EP26602, EP267-2, EP269-1, EP270-2, EP271-2, EP273-1, EP274-1, EP275-1, EP276-1, EP266-2, from EP290 to EP295, and from EP297 to EP318-1.
- Hydroseeding took place at EP281 guard structure.
- Hydromulching occurred from EP263A-2 to EP264-4, EP270, EP271-2, from EP273-1 to EP281, EP290, EP291, EP292-1 pull site (see Figure 1), EP306-1, EP306-1/EP307-1 pull site, and EP308.
- Barefoot-banded gecko exclusionary fencing was removed at EP269-1 guard structure, EP270-2, EP273-1, and EP281.
- Native seed was applied at EP300, EP303, EP304, EP306, and EP307.

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

Non-Federal Lands:

- BMP maintenance was conducted at EP11-3-N, EP25-2, EP26-1, EP27-1, EP30-2, EP31-1, EP32-1, EP83 pull site north and south, EP77 to EP88-2, and EP119-2.

US Forest Service Lands:

- BMP maintenance was conducted at EP10-2, EP11-3, EP11-3-N, EP12-3, EP12-3-N, EP13-3, EP14-1, EP15, EP16-1, EP17, EP18, EP19-1, EP20-2, EP21-1, EP22-1, EP22-1-PS-N, EP23-2, EP23 2 PS-N, GS-USFS-3, EP24-1, EP28-3, EP29-2, EP33-1, EP34-1, EP35-1, EP36-1, EP37-2, EP112-3 to EP113 5, EP114-2, EP115-1, EP116-1, EP117-2, EP118-2, EP125 to EP131, and EP139 to EP143-1.

BLM Lands:

- BMP maintenance occurred at EP39-1, EP40-1, EP41, EP42, EP69 to EP76-2, and EP89-1 to EP99-2.

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

- BMP installation occurred at the Baker Tanks.

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 CP23-E, CP24-1, CP29-1, CP29-1-E-A, CP29-1-E-B, CP31-2, CP31-2-E, CP42 1, CP48-2, CP49-1, CP49-1-PS-N, CP57-E-A, CP57-E-B, CP57-E-C, and CP54-1, CP55, CP56-1, CP57, CP57-E-A, CP57-E-B, CP57-E-C, CP62A, CP63 3, and CP64-2.

BLM Lands:

- BMP installation and maintenance occurred at CP58-1, CP59, CP60, CP61-1, and CP62A.

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

- BMP installation occurred at CP6.

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

- BMP installation occurred at Location 17 and from Locations 21 to 23 on the TL639.
- BMP installation occurred at Locations 1 to 3 on the TL6916.

US Forest Service Lands:

- No BMP activity occurred during the reporting period.

6. Peninsular bighorn sheep (PBS) were reported in Mountain Springs Grade on December 26, 27, and 28, 2011. (Link 1)
7. Non-Compliance Report (NCR) #3 was issued due to repeated helicopter violations of the PBS Construction Monitoring Plan. (Link 1)
8. On December 31, 2011 it was noted by the CPUC environmental monitor that construction related activity was occurring in an unapproved workspace in PBS habitat. Marker balls and a helicopter landing were observed on an unapproved service road adjacent to Interstate 8, in the vicinity of EP263A-2 (see Figure 2). (Link 1)
9. Two silvery legless lizards (*Anniella pulchra pulchra*) were observed at EP12-3; one was found dead and one was relocated. (Link 2)
10. Pre-construction surveys were performed throughout Link 1, 2 and 5 with appropriate monitors.

A Non-Compliance Report was issued for repeated helicopter violations within PBS habitat 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): Gravel bag and construction debris cleanup occurred along Bell Bluff Truck Trail (BBTT). Backfilling along the newly installed curb took place along BBTT. Rock was crushed for class 2 base and for select material. Trenching for conduit and ground grid in the southwest quadrant. Backfilling for ground wire took place. Final grading occurred north and east of the transformers. Block was placed for the maintenance shelter. Rebar was placed and concrete was poured for brow ditches. Insulators were installed in the 500 kV yard.
2. Imperial Valley (IV) Substation Upgrade (BLM lands): Fans and roll-up doors were installed on the new warehouse. Equipment was staged and wire stringing into the substation was finished.
3. San Luis Rey Substation (non-federal lands): No activity was reported for this period.
4. Encina Substation (non-federal lands): Crews took down the old fence from the 230 kV yard.
5. Sycamore Substation (non-federal lands): Crews worked on building out a 69 kV rack in the southern portion of the substation. Crews broke out concrete piers and bolts near the new 230 kV transformer so the bolts could be reset in the correct location.

**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 on the substation pad. Additionally, topsoil was hauled from the substation pad to the adjacent mitigation parcel. (Link 3)
3. BMP maintenance occurred at the Encina Substation. (Link 5)

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, weed wash station operations, and staging for road, gate, and clearing crews occurred.
2. Alpine Headquarters – No significant activity occurred during the reporting period.
3. AER Yard – Helicopter operations and dust control occurred. The helicopter pad and fence were also removed. Restoration ground work was conducted and hydromulch was applied (see Figure 3).
4. Barrett Canyon Yard – Helicopter operations and staging for BMP and clearing crews occurred.

5. Bartlett-Hauser Yard – Water staging, weed wash station operations, dust suppression, and staging for tree trimming and driveway crews occurred.
6. Fromm Yard – Helicopter activity, water staging, and dust suppression took place. The fence around the upper section of Fromm yard was removed as well as part of the lower section of Fromm yard. A small section of the yard will remain for maintenance and restoration use after PBS lambing season (see Figure 4).
7. El Monte Yard – Dust suppression occurred.
8. Helix Yard – Helicopter operations, water staging, weed wash station operations, dust suppression, and staging for micropile and TSAP crews occurred.
9. Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, dust suppression, and hub for coordination of activities within PBS areas. Also used for staging micropile and QC crews.
10. Kreutzkamp Yard – Helicopter operations, weed wash station operations, water staging, dust suppression, and staging for road and BMP crews occurred.
11. Rough Acres Yard – Helicopter operations, dust suppression, weed wash station, and materials and water staging occurred. This yard was also used for staging micropile and road crews.
12. SWAT Yard – Concrete staging, water staging, helicopter operations, dust suppression, weed wash station operations, and staging for road and BMP crews occurred.
13. S2 Yard – Helicopter activity, tower assembly, dust suppression, and water staging took place. This yard was also used for staging conventional foundation, wire and road crews.
14. Sycamore Yard – Weed wash station operations, water supply, dust suppression, helicopter operations, tower assembly, and staging for BMP, road, and clearing crews occurred.
15. Wilson Yard – Helicopter operations, dust suppression, and materials staging for Suncrest Substation took place. The yard was also used for staging water, micropile crews.

Federal Lands (BLM):

16. Dunaway Yard – Hand seeding was completed.
17. Imperial Valley Yard – Hand seeding was completed.
18. McCain Valley Yard – No activity occurred in the yard during this reporting period.
19. Plaster City Yard – Yard is in the process of being decommissioned.

Federal Lands (USFS):

20. Thing Valley Yard – Water staging, dust suppression, and staging for tree trimming and driveway 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.

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 01/16/2012)

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 01/16/2012)

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.

Variance Request	Date Requested	Date Issued	Segment #	Description
#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.
#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.

Variance Request	Date Requested	Date Issued	Segment #	Description
#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 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	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
#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.

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 01/16/2012)

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 Request	Date Requested	Date Approved	Segment #	Description
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 01/16/2012)

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.

Type	Date	Location	Description
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 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.

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

**TABLE 5**  
**PROJECT INCIDENTS**  
(Updated 01/13/2012)

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.

Type	Date	Location	Description
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 <sup>th</sup> 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.

Type	Date	Location	Description
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.
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.

Type	Date	Location	Description
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 01/13/12	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	169	169	122	61	31
Bureau of Land Management	180	180	146	106	87
US Forest Service	75	75	31	16	17
Miramar	12	12	13	4	0
Total	436	436	312	187	135

## PROJECT PHOTOGRAPHS



**Figure 1:** Applying hydromulch at EP292-1 pull site. (Link 1)



**Figure 2:** Construction activities being conducted off right-of-way. (Link 1)



**Figure 3:** Hydromulch application at AER yard. (Link 1)



**Figure 4:** Hydromulch application to the lower section of Fromm Yard. The fenced area will remain. (Link 1)