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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 18, 2012  
**Subject:** Weekly Report 68 – January 1 to January 7, 2012

**INTRODUCTION**

This report provides a summary of the construction and compliance activities associated with the SDG&E Sunrise Powerlink Project. This report is organized as follows:

- Transmission Line Construction
- Substation Construction and Upgrades
- Construction Yards and Other Workspaces

A summary of the Notices to Proceed with construction and Variance Request activity are also provided (see Tables 1 and 2, respectively, near the end of this report). Finally, a summary of Temporary Extra Work-space and non-compliance activity are provided in Tables 3 and 4, respectively.

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

**TRANSMISSION LINE CONSTRUCTION**

**Summary of Activity:**

1. Link 1, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Vegetation clearing and maintenance occurred at Tower EP225-1, EP227, EP228, EP229-1, EP230-1, EP231-1, EP231A, EP232-1, EP233-1, EP234-1, EP234-1 TSAP, EP235-1, EP235-1 TSAP, EP237-1, EP237-1 TSAP, EP238-1, EP252A-1, and EP253-2.
- A prefab building was installed for the regeneration site at EP215.
- Form removal and cleanup was conducted at EP185-2.
- Micropile trimming took place at EP228, from EP234-1 to EP237-1, EP246, EP252A-1, and EP254-3.
- Pull tests occurred at EP183 and EP252A-1.
- Micropile cap work was conducted at EP183 and EP252A-1.
- Tower assembly took place at EP185-1, EP199-3, EP207, EP229-2, EP231A, EP238-1, EP252-1, and EP253-3.
- QA/QC occurred at EP207.
- Ground rod installation was conducted at EP184 and 185-1.
- Ground resistance testing took place at EP184 and EP199-3.
- Anchors were set at EP238-1 and EP253-2.
- Anchors were removed from EP229-1.
- Sock line, hard line, conductor and OPGW were pulled from EP200-3 pull site to EP215 (see Figure 1).



- Dead end work occurred at EP215.
- Travelers were installed at EP210 and EP211.
- Sagging was conducted from EP200-3 pull site to EP215.

BLM Lands:

- Vegetation clearing and maintenance occurred at EP190-2, EP246 and EP249-1.
- Grading was conducted at EP187-2.
- Final grading took place at EP314 pull site.
- Conventional drilling occurred at EP170 and EP187-2.
- Various foundation work (including curing, cage installation, etc.) was conducted at EP187-2.
- Concrete pouring took place at EP170.
- Micropile drilling occurred at EP144, EP145, EP147, EP149, EP151, and EP187-2.
- Micropile trimming was conducted at EP188-1, EP189-3, EP194-3, EP195-2, and EP196-2.
- Pull test preparation took place at EP188-1 and EP198-3.
- Pull test occurred at EP194-3, EP195-2, and EP196-2.
- Micropile cap work was conducted at EP148-1 and EP152-2.
- Tower assembly took place from EP178 to EP182, EP190-2, EP197-3, EP198-3, EP200-3, EP202-3, EP203-3, and EP204-3.
- QA/QC occurred at EP200-3, EP202-3, EP203-3, and EP204-3.
- Ground rod installation was conducted at EP177, EP193, EP202, and EP247.
- Ground resistance testing took place at EP177, EP190-2, EP193, EP198-3, EP200-3, EP202, and EP203-3.
- Sock line, hard line, conductor, and OPGW were pulled for all phases from EP200-3 pull site, to EP215 (see Figure 2).
- Splicing and sleeving occurred at EP203-3 and EP204-3.
- Travelers were installed at EP205-2 and EP206-1.
- Sagging was conducted from EP200-3 pull site to EP215.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Vegetation clearing occurred at EP79.
- Driveway work occurred at EP32-1-E-S and EP89-1-E.
- Access road construction occurred at EP58-2-E.
- Grading occurred at EP84.
- Site preparation occurred at EP119-2.
- Conventional drilling occurred at EP105-2.
- Form removal and concrete patching occurred at EP104-2.
- Cleanup occurred at/from EP30-2, EP32-1, and EP90-1 to EP93.
- Arroyo toad fencing was installed from EP66-E to EP68-E, and EP75-2-E to EP79-E-C.

BLM Lands:

- Access road construction occurred at EP58-2-E and EP75-2-E.
- Grading occurred at EP75-2.
- Conventional drilling occurred at EP39-1 and EP51-1.

- Concrete patching and cleanup occurred from EP94 to EP99-2 and at EP105-2.
- Grounding rods were installed at EP98 and EP99-2.
- Arroyo toad fencing was installed between EP75-2-E and EP79-E-C.

US Forest Service Lands:

- During this reporting period, the PAL Levels were as follows: Tuesday-D, Wednesday EV, Thursday-EV, Friday-D, 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 and EP35-1-E (see Figure 3).
- Vegetation clearing and maintenance occurred at EP36-1.
- Driveway work occurred at EP11-3-E.
- Gate and barrier installation occurred at EP93-N, EP113-5-E, and EP116-1.
- Micropile drilling occurred at EP142-1 and EP143-1.
- Grouting occurred at EP3-3, EP4-3, EP5-2, EP6-1, EP7-1, and EP8-2.
- Tower assembly occurred at EP131-5.
- Arroyo toad fencing was installed between EP66-E and EP68E and EP75-2-E and EP79-E-C.
- Hydromulching occurred at EP22-1.

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

- Saw cutting occurred at Vault V3L, V3R, V4R, V4L, V6L, V6R, and the Alpine Creek bore.
- Revitalization occurred at Louise Drive to Rock Terrace.
- Pre-racking/racking and cleaning manholes for jointing/splicing occurred at V3R, V17R, V18R, and V19R.
- Fiber work occurred at the Loritz property.
- Frame setting and preparation, grouting, removal of tree stump, and installation of bird deterrents occurred at Bauer Bridge (see Figure 4).
- Scaffolding was removed at the Loritz property.
- Paving occurred at the Alpine Creek bore site.
- Terminating occurred at Slay and Loritz properties.
- Jointing occurred at V1R, V1L, V2R, V2L, V16L, and V19R.
- Grounding occurred at V3R, V4R, V20R, and Loritz property.
- The cooling system on both sides of the Interstate 8 within the Caltrans bore locations was exposed.
- Installation of mailboxes occurred at the Loritz property.
- Clean up occurred at the Loritz property.
- Splicing occurred at the Slay.

4. Link 5:

Non-Federal Lands, 220 kV Overhead Transmission Line:

- Vegetation clearing occurred at CP43, CP45-1, CP46-2, CP47-2, CP47A-1, CP48-2, CP50, CP51-2, CP52, CP53, and CP98-N-A.
- Grading occurred at CP23 pull site north, CP24-1-N, CP49-1-PS-N, CP98-N-A, CP98-N-B, and CP99-N.
- Micropile drilling occurred at CP37-2, CP45-1, CP46-2, CP47-2, CP47A-1, CP48-2, CP62-2, CP64-2, CP83, and CP86.

- Micropile cap work occurred at CP80-2, CP82-1, and CP84.
- Grouting occurred at CP85-1.
- Trimming occurred at CP77, CP78-2, CP80-2, CP81-1, and CP84.
- Micropile pull testing occurred at CP77, CP78-2, CP80-2, and CP82-1.
- Conventional drilling occurred at CP29-1 and CP31-2.
- Concrete pouring occurred at CP29-1.
- Tower assembly occurred at CP23, CP56-1, CP84, and CP98-1.
- Miscellaneous tower work (anti-climbing guards, bird deterrents, and/or signage) occurred at CP75-1.
- QA/QC occurred at CP56-1.
- Guide markers were installed at CP56-1.
- Marker ball installation occurred from CP70-3 to CP75-1.
- Sock line was pulled on all three phases on the west side of the tower from CP15-1 to CP23.

BLM Lands, 220 kV Overhead Transmission Line:

- Trimming and micropile capping occurred at CP61-1.
- Tower assembly occurred at CP58-1, CP61-1, and CP62A.
- QA/QC occurred at CP58-1 and CP62A.
- BMP installation and maintenance occurred at CP59

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

- Concrete pouring occurred at CP11-1.
- Forms removal and cleanup occurred at CP3, CP6-1, CP7, CP9-1, CP10, CP11-1, CP13-2, and CP14.
- Tower assembly occurred at CP3, CP6-1, CP8-2, CP12-1, CP13-1, CP14, and CP15-1.
- Sock line was pulled on all three phases on the west side of the tower from CP15-1 to CP23.

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

- Crews worked on replacing poles at location 7, 10, and 16 on TL6915.
- Vegetation clearing occurred at locations 5, 6, 17, 21, and 22 on TL6924 and TL6915.
- Conventional drilling occurred at location 7 on TL6915.

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

- No work occurred during this reporting period.

US Forest Service Land:

- During this reporting period, the PAL Levels were as follows: Tuesday-D, Wednesday EV, Thursday-EV, Friday-D, and Saturday-D. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Grading occurred at CP100-1-N.

**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 installation and/or maintenance occurred from EP183 to EP185-2, from EP207 to EP220-1, at EP220-1, EP225-1, EP229-1, from EP230-1 to EP254-2, and EP255 pull sites.

BLM Lands:

- BMP installation and/or maintenance occurred at EP144, EP146, EP147, from EP171 to EP182, EP188-1, EP190-2, EP191-2, and from EP200A-1 to EP206-1.
- Hydromulching was conducted at EP360 and EP361.

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

Non-Federal Lands:

- BMP maintenance occurred at EP80 to EP88-2, EP91, EP91 pull sites, EP105-2, GS-NF-18, GS-NF-20, GS-NF-22, GS-NF-23, GS-NF-24, and GS-NF-25.

US Forest Service Lands:

- BMP maintenance occurred at EP23-2, EP112A, EP112-3, EP113 5, EP116-1, EP120-4 to EP124, and GS-USFS-4.

BLM Lands:

- BMP maintenance occurred at EP42-N, EP72, EP74, EP94 to EP99-2, and EP103A.

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

- No BMP work was reported during this period.

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

Non-Federal Lands:

- BMP installation and maintenance occurred at CP16-1, CP23 pull site, CP24-1, CP29-1-E-A, CP29-1-E-B, CP31-2-E, CP39, CP40-2, CP41-2, CP44, CP46, CP48-2, CP49-1-PS-N, CP53, CP54-1, CP55, CP54-GS-NF-10, CP80-2, CP81-1, CP95-1/CP96-1 pull site, CP76-1, CP77, CP78-2, CP84, and CP98-1.

BLM Lands:

- BMP installation and maintenance occurred at CP59.

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

- BMP installation occurred at CP2, CP3, and CP6-1.

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

- BMP installation occurred at Location 5, 6, 17, 21, and 22 on TL6924 and TL6915.

US Forest Service Lands:

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

6. A non-compliance report was issued on January 4, 2012, for operating outside of approved work areas with Peninsular Bighorn Sheep habitat and violating the PBS Monitoring Plan on December 31, 2011. (Link 1)

7. One silvery legless lizard (*Anniella pulchra pulchra*) was relocated from EP79. (Link 2)

8. U.S. Forest Service (USFS) ordered a Stop Work Order on USFS lands, due to repeated violations of the FS Fire Plan. (Links 2 and 5)

9. Pre-construction surveys were performed throughout Link 1, 2 and 5 with appropriate monitors.

A Non-Compliance Report was issued by the CPUC and the USFS issued a Stop Work Order 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): Backfilling behind the new curb along Bell Bluff Truck Trail (BBTT) continued. Rock was crushed for Class 2 base and select fill material. Trenching for conduit and ground grid in the southwest quadrant was conducted. Insulators were installed in the 500 kV portion of the substation site. Final grading took place north, south, and east of the transformers. Final grading and hauling of Class 2 base to the central portion of the pad occurred. Concrete was poured in the brow ditch and down drain east of the guard shack. Oil filling activities on the transformers continued. A drainage system on the oil containment for the transformers was installed. Wiring in the control house began (see Figure 5). Block was laid for the maintenance shelter. A blast was set off on the east side of the pad. Drilling occurred and Class 2 base was hauled to the eastern portion of the pad.
2. Imperial Valley (IV) Substation Upgrade (BLM lands): Inside construction of the new warehouse took place.
3. San Luis Rey Substation (non-federal lands): No activity was reported for this period.
4. Encina Substation (non-federal lands): Wiring occurred within the control room. The eastern bus was built out. Crews built a new fence around the 230 kV yard. Grounding wires were installed to the fence.
5. Sycamore Substation (non-federal lands): Crews finished sub-grade concrete work north of the 69 kV rack for new transformer piers. Crews were building out the 69 kV rack. Wiring continued in the control room (see Figure 6).

**Environmental Compliance:**

1. All applicable Biological, Cultural, Paleontological, and Native American monitors have been present during ground disturbing activities at all substations.

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 – Equipment/materials staging (see Figure 7), weed wash station operations, and staging for road, gate, BMP, QC, and clearing crews occurred.
2. Alpine Headquarters – No significant activity occurred during the reporting period.
3. AER Yard – Yard has been restored.
4. Barrett Canyon Yard – Helicopter operations and staging for BMP and road crews occurred.
5. Bartlett-Hauser Yard – Water staging, helicopter operations, weed wash station operations, dust suppression, and staging for road and BMP crews occurred.
6. Fromm Yard – Shut down due to end of PBS work window. Part of the yard was restored, while the other half will be kept for future use.

7. El Monte Yard – Dust suppression, helicopter operations, tower assembly, and staging for assembly crew occurred.
8. Helix Yard – Helicopter operations (see Figure 8), water staging, weed wash station operations, dust suppression, and staging for micropile, erection, assembly, BMP, QC, and TSAP crews occurred.
9. Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, dust suppression, tower assembly, and water staging. Also used for staging micropile, TSAP, erection, wire, and BMP crews.
10. Kreutzkamp Yard – Helicopter operations, weed wash station operations, water staging, dust suppression, vegetation maintenance, and staging for road, conventional foundations, 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 assembly, micropile, conventional foundation, erection, wire, and BMP crews.
12. SWAT Yard – Water staging, helicopter operations, dust suppression, weed wash station operations, and staging for driveway, guard structure, micropile, and BMP crews occurred.
13. S2 Yard – Helicopter activity, water staging, dust suppression, demobilizing equipment, and staging for BMP crews.
14. Sycamore Yard – Weed wash station operations, water supply, dust suppression, helicopter operations, tower assembly, and staging for BMP, road, wire, erection, conventional foundation, assembly, 69 kV, 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 – Yard has been restored.
17. Imperial Valley Yard – Yard has been restored.
18. McCain Valley Yard – Helicopter operations, dust suppression, and water staging took place. This yard was also used for staging assembly, micropile, and assembly crews.
19. Plaster City Yard – Equipment storage and water staging took place in this yard.

Federal Lands (USFS):

20. Thing Valley Yard – Water staging, helicopter operations, weed wash station operations, dust suppression, and staging for micropile and BMP crews occurred.

**Environmental Compliance:**

1. Biological, Cultural, and Native American monitors have worked with crews at the construction yards to define approved work areas and sites to avoid.

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 01/18/2012)

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 01/18/2012)

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 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	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 01/18/2012)

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

TEWS Request	Date Requested	Date Approved	Segment #	Description
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 01/18/2012)

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

Type	Date	Location	Description
Stop Work Order	09/27/11	Helicopter Operations	A pattern of helicopter incidents posed a serious concern for the safety of the general public.
PM #7	09/28/11	AER CY	Construction crew entered AER CY prior to Peninsular Bighorn Sheep monitor clearing the site.
NCR #1	09/28/11	Link 1	CPUC issued NCR for 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	Links 2 & 5	FS SUP Exhibit 4 and Traffic Control Plan violations.
NCR #2	10/27/11	Link 1	Peninsular Bighorn Sheep Construction Monitoring Plan violations.
FS NCR #2	11/03/11	Links 2 & 5	Fire Plan and Traffic Control Plan violations.
FS NCR #3	11/30/11	Links 2 & 5	Tower assembly, erection and wire stringing work is suspended for towers not associated with GE buffers on the Cleveland National Forest until resolution of all noncompliance colorization issues are agreed upon by the Forest Service
NCR #3	12/29/11	Link 1	Peninsular Bighorn Sheep Construction Monitoring Plan violations.
NCR #4	01/04/12	Link 1	Peninsular Bighorn Sheep Construction Monitoring Plan violations.
FS Stop Work Order	01/07/12	Links 2 & 5	Third non-compliance for violating the Forest Service Fire Plan.

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

**TABLE 5  
PROJECT INCIDENTS**  
(Updated 01/18/2012)

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	PBHS habitat violation with low elevation flights in restricted areas.
Incident	12/04/11	Link 1	PBHS habitat violation with low elevation flights in restricted areas.
Incident	12/22/11	Link 1	PBHS habitat violation with entry into Fromm Yard prior to clearance from PBHS biologists.
Incident	12/27/11	Link 1	Two PBHS habitat violation with low elevation flights in restricted areas.
Incident	01/09/12	Link 2	Road crew operating without an Arroyo Toad Monitor present at EP50, Arroyo Toad suitable habitat. Crew was retrained of the importance of a monitor being present during operations.
Incident	01/10/12	Link 2	Foundation crew damaged an oak tree during mobilization effort at EP49. Crew was retrained.
Incident	01/12/12	Link 5	A dozer failure led to disturbance outside of approved ROW by 15 feet near CP59. All personnel were safe and restoration efforts are in process.
Incident	01/13/12	Link 2	An unanticipated release of a compressor mid-flight approximately 400ft North of Kruezkamp CY. No injuries or damage to property occurred. Investigation to helicopter hook system is ongoing.
Incident	01/17/12	Link 2	Crew entered access road to EP73/74, Arroyo Toad suitable habitat, prior to the 2 hr waiting period following dawn and biological monitor clearance. Crew was spoken to and better signage is to be installed.

## 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 01/18/12	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	169	169	123	64	38
Bureau of Land Management	180	180	146	108	95
US Forest Service	75	75	31	16	17
Miramar	12	12	14	7	0
Total	436	436	314	195	150

## PROJECT PHOTOGRAPHS



**Figure 1:** Wire pulling activities at EP215. (Link 1)



**Figure 2:** Wire pulling activities at EP200-3. (Link 1)



**Figure 3:** Road construction and boulder removal on USFS access road near EP36. (Link 2)



**Figure 4:** Permanent bridge installation at Bauer Bridge. (Link 4)



**Figure 5:** Starting wiring activities in the control house at Suncrest Substation. (Link 3)



**Figure 6:** Helicopter view of Sycamore Substation. (Link 5)



**Figure 7:** Material staging at Alpine Construction Yard. (Link 4)



**Figure 8:** Helicopters at Helix Construction Yard. (Link 5)