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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 27, 2012  
**Subject:** Weekly Report 69 – January 8 to January 14, 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 GS-NF-32 (EP219/EP220), GS-NF-33 (EP220/EP221-2), EP221-2, EP221A, EP223-1, EP224-1, EP225-1, EP226-1, EP227, EP231A, EP233-1, and EP243.
- Driveway installation was conducted at EP226-1-PS-E.
- Gate installation took place at EP185-1.
- Fence installation occurred at the regeneration site at EP215.
- Final grading was conducted at the EP254/EP255 pull site.
- Micropile drilling took place at EP233-1, EP234-1, and EP254-3 (see Figure 1).
- Micropile trimming and pull testing occurred at EP183.
- Micropile cap work took place at EP183 and EP252A-1.
- Tower assembly occurred from EP183 to EP185-1, EP199-3, EP226-1, EP229-2, EP230-1, EP231-1, EP231A, EP232-1, EP235-1, EP238-1, EP240, EP245-1, EP252-1 (see Figure 2), and EP253-3 (see Figures 3 and 4).
- Miscellaneous tower work was conducted (installing anti-climbing guards, bird deterrents, and/or signage) at EP204-3 and from EP358 to EP359.
- QA/QC took place at EP199-3, EP230-1, EP231-1, EP231A, and EP238-1.
- Ground resistance testing occurred at EP229-1, EP231A, and EP238-1.
- OPGW was pulled from EP200-3 pull site to EP215 pull site.



- Dead end work, clipping, sagging, and installing spacers took place from EP200-3 pull site to EP215 pull site.
- Jumpers were installed from EP210 to EP215.
- Traveler work occurred at EP208 and EP213.
- Equipment was demobilized and cleanup occurred at EP215 and EP215 pull site.

BLM Lands:

- Vegetation clearing and maintenance occurred at EP150, EP186-1, EP188-1, EP195-2, and EP196-2.
- Grading was conducted at EP187-2.
- Blasting took place at EP170.
- Gate installation occurred at EP179.
- Final grading was conducted at EP314 pull site.
- Micropile drilling took place at EP146, EP150, and EP151.
- Grouting occurred at EP144, EP145, EP147, EP149-1, and EP150.
- Trimming was conducted at EP148-1 and EP152-2.
- Pull tests took place at EP148-1, EP150, EP151, EP152-2, EP188-1, EP189-3, and EP194-3.
- Micropile cap work occurred at EP149-1, EP188-1, EP189-3, EP195-2, EP196-2, and EP249-1.
- Concrete pouring, form removal and cleanup were conducted at EP187-2.
- Tower assembly occurred from EP178 to EP182, at EP187-2, EP190-2, EP197-3, EP198-3, and EP248-1.
- Miscellaneous tower work (installing anti-climbing guards, bird deterrents, and/or signage) was conducted from EP356 to EP357 and from EP360 to EP363-1.
- QA/QC took place at EP181, EP182, EP193-2, and EP197-3.
- Ground rod installation occurred at EP247.
- Ground resistance testing was conducted at EP247 and EP248-1.
- OPGW was pulled from EP200-3 pull site to EP215 pull site.
- Dead end work, clipping, sagging, and installing spacers took place from EP200-3 pull site to EP215 pull site.
- Sleeve repair work occurred at EP149-1.
- Marker balls were installed between EP205-2 and EP206-1.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Vegetation clearing occurred at EP62A-1 guard structure, EP80, and GS-NF-29.
- Driveway work occurred at EP89-1-E.
- Fence repairs occurred at GS-NF-24.
- Site preparation occurred at EP25, EP31-1, EP62A-1, EP87-1, and EP88-2.
- Crews worked at the regeneration site adjacent to EP54-1.
- Cap preparation work occurred at EP82, EP83, and EP87-1.
- Arroyo toad surveys were conducted during a simulated rain event from EP53 to EP69 and at EP66-E.
- Arroyo toad fencing was installed from EP66-E to EP68-E and EP75-2 to EP79.
- Hydromulching occurred at EP103A-2-N, EP104-2-N, EP105-2-N, EP105-2-E-B, and EP105 2 E-A.

#### BLM Lands:

- A gate and barrier were set at EP99-2-N-B.
- Blasting occurred at EP51-1.
- Site preparation occurred at EP40-1, EP41, and EP48.
- Conventional drilling occurred at EP39-1, EP49, and EP51-1.
- Micropile cap work occurred at EP73-1 and EP74-1.
- Arroyo toad surveys were conducted during a simulated rain event at EP50 transposition site and from EP53 to EP69.
- Arroyo toad fencing was installed at EP50 transposition site, EP66-E (see Figure 5), EP68-E, EP75 2, and EP79.
- Hydromulching occurred at EP50, EP51-1, EP103-2-N, and EP103A-2-N.

#### US Forest Service Lands:

- No work occurred on the USFS during this reporting period (see Figure 6).

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

- Revitalization occurred along Alpine Boulevard and Louise Drive to Rock Terrace.
- Fiber work occurred at Vault V3L, V4L, V5L, V6L, and V7L.
- Welding occurred and pedestrian bridge decking was removed at Bauer Bridge.
- Terminating occurred at V15R, V16R, Slay property, and Loritz property.
- Jointing occurred at V1R, V1L, V2L, V14R, V18R, and V19R.
- Grounding occurred at V3R, V4R, V20R, and the Loritz property.
- Excavation for cooling system pipe occurred at the Caltrans Bore Site.
- Splicing occurred at V3R.

#### Link 5:

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

- Vegetation clearing and maintenance occurred from CP43-1 to CP57, CP62-2, CP63-3, CP64-2, CP75-1, CP78-2, CP79-1, CP80-2, CP82-1, and CP84.
- Access road construction occurred at CP49-1-PS-N.
- Grading occurred at CP75-1 pull site and CP95/CP96 pull site.
- Topsoil salvage occurred at CP95/CP96 pull site.
- Fence repairs occurred at CP24-1 and CP28-1.
- Micropile drilling occurred at CP27, CP28-1, CP37-2, CP44-1, CP46-2, CP47-2, CP47A-1, CP48-2, CP49-1, CP62-2, CP63-3, CP64-2, and CP86.
- Grouting occurred at CP21, CP23, CP47-2, CP48-2, CP83, and CP86.
- Trimming occurred at CP21, CP23, CP47-2, CP48-2, CP55, CP57, CP76-1, CP77, CP79-1, CP83, and CP85-1.
- Micropile pull testing occurred at CP55, CP57, CP76-1, CP77, CP79-1, CP83, and CP85-1.
- Micropile cap work occurred at CP76-1, CP77, CP78-2, CP79-1, CP80-2, CP82-1, and CP85-1.
- Conventional drilling occurred at CP29-1 and CP31-2.
- Various foundation work (curing, cage installation, etc.) occurred at CP31-2.
- Concrete pouring occurred at CP29-1.
- Tower assembly occurred at CP78-2, CP80-2, CP81-1, CP82-1, CP84, and CP98-1.
- QA/QC occurred at CP21 and CP23.

- Cleanup occurred at CP16-1, CP56-1, CP70-3, CP74-2, CP75-1, CP81-1, and CP84.
- Ground resistance testing occurred at CP81-1 and CP84

BLM Lands, 220 kV Overhead Transmission Line:

- Vegetation clearing occurred at CP58-1, CP59, CP60, and CP62A.
- Grading, micropile trimming and pull testing occurred at CP59.
- Tower assembly occurred at CP61-1.
- Cleanup occurred at CP58-1, CP61-1, and CP62A.

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

- Gate installation occurred at CP9-1.
- Grading occurred at CP10 and CP11-1.
- Excavations for guard structure poles began between CP3 and CP6-1.
- Tower assembly occurred at CP3, CP6-1, CP7, CP8-2, CP9-1, CP10, and CP13-1.
- Ground rod installation occurred at CP11-1, CP12-1, and CP14.
- Sock line was pulled on all phases of the east and west sides of the tower from CP15-1 to CP23.
- Insulator work and sagging occurred from CP15-1 to CP23.

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

- Various foundation work (curing, cage installation, etc.) occurred at Location 10 and Location 11 on TL6915.
- Concrete was poured at Location 8 and Location 10 on TL6915.

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

- No work occurred during this reporting period.

US Forest Service Land:

- No work occurred on the USFS during this reporting period.

**Environmental Compliance:**

1. On January 7, the USFS issued a stop work order due to repeated violations of the Forest Service Fire Plan. As a result, no work occurred on USFS lands during the subject period.
2. Biological, Cultural, and Native American monitors were present as applicable during all transmission line construction activities.
3. 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 at EP199-3, GS-NF-31 (EP215/EP217), from EP207 to EP245-1, GS-NF-34 (EP238/EP239), GS-NF-36 (EP25/EP252), and from EP252 to EP254-1 to EP255 pull site.

BLM Lands:

- BMP installation and/or maintenance occurred at EP150, from EP200-3 to EP206-1, from EP246 to EP251, EP316-2, EP318-1, EP320-1, EP321-1, EP322-1, EP323-1-PS-N, EP325-2, EP326, EP327, EP328-1, EP329-1-N, EP330-1.

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

Non-Federal Lands:

- BMP maintenance occurred at EP26-1 to EP32-1, EP56-4 to EP64, EP58-2-E to EP65-1-E, EP70 to EP78, EP80, EP81, EP84, EP86-1, EP88-2 to EP99-2, EP104-2, EP106-3, EP107-3, EP119-2, GS-NF-22, GS-NF-23, GS-NF-24, GS-NF-25, GS-NF-28, and GS NF 29.

US Forest Service Lands:

- No BMP work was reported during this period.

BLM Lands:

- BMP maintenance occurred at EP42, EP56-4 to EP64, EP58-2-E to EP65-1-E, EP70 to EP78, EP88-2 to EP99-2, EP101-2, EP102-3, EP102A-1, and EP103-2.

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

- No BMP work was reported during this period.

6. 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, CP44-1, CP46, CP48-2, CP49-1, CP81-1, CP82-1, CP84, CP86, CP87-1, CP88-1, CP95-1, CP96-1, and CP98-1.

BLM Lands:

- No BMP work was reported during this period.

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

- BMP installation and maintenance occurred from CP3 to CP15-1.

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

- BMP installation occurred at Location 3 on TL6924 and Location 3 on TL6915.

US Forest Service Lands:

- No BMP work occurred during this reporting period.

7. On January 11, 2012, it was noted that a controlled burn was being conducted on the property directly south of Rough Acres, along McCain Valley road. (Link 1)
8. On January 12, 2012, it was noted to the Link Lead that project related parking was seen off right-of-way along McCain Valley road. Monitors were immediately notified and cars were moved. (Link 1)
9. On January 9, 2012, a road crew was found to be present and working without an Arroyo Toad Monitor present at EP50. (Link 2)
10. On Friday, January 13, a helicopter dropped an air compressor into a field approximately 100 yards east of Kreuzcamp Construction Yard (see Figures 7 & 8). No people were injured. Crews contained spilling fuel, oil, and coolant. Contaminated soil was removed for processing. (Link 2)
11. One silvery legless lizard (*Anniella pulchra pulchra*) was relocated from EP82. One Mexican rosy boa (*Lichanura trivirgata*) was relocated from along the access road to EP56. (Link 2)
12. One two-striped garter snake (*Thamnophis hammondi*) was found dead by CP59. Two western spadefoot toads (*Spea hammondi*) were relocated from CP59 (Link 5)
13. Pre-construction surveys were performed throughout Link 1, 2 and 5 with appropriate monitors.

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

### **Agency Representatives during Construction (other than EMs):**

USFS Representatives: Robert Paul, Ed Wieringa, Jennifer MacDonald, Timothy Cardoza

### **SUBSTATION CONSTRUCTION AND UPGRADES**

#### **Summary of Activity:**

1. Suncrest Substation, Link 3 (non-federal lands): Rock was crushed for Class 2 base and select fill material. Trenching for conduit and the ground grid in the southwest quadrant was conducted. Final grading took place north and east of the transformers. Insulators were installed in the 500 kV yard. Final grading and hauling of Class 2 base to the central portion of the pad occurred. Oil filling activities on the transformers continued. Wiring in the control house continued. The foundation for the emergency generator near the control shelter was formed. Steel beams were installed on the maintenance shelter. Approximately 2,200 potted plants were delivered for landscaping.
2. Imperial Valley (IV) Substation Upgrade (BLM lands): Wiring in the control house took place.
3. San Luis Rey Substation (non-federal lands): Wiring occurred on the Bank 70 transformer.
4. Encina Substation (non-federal lands): Relay crews performed wiring at the control house and panels. Crews performed upgrades on the eastern bus inside the 230 kV switchyard. Crews were building and grounding the new security fence in the 230 kV southern switchyard.
5. Sycamore Substation (non-federal lands): Crews built disconnects and a bus for 69 kV upgrades. Wiring occurred inside the control house.

#### **Environmental Compliance:**

1. All applicable Biological, Cultural, Paleontological, and Native American monitors have been present during ground disturbing activities at all substations.
2. Hydromulch was applied to various slopes of Suncrest Substation. (Link 3)

No CPUC Non-Compliance Reports or Project Memoranda were issued during the subject period for Substation Construction and Upgrade activities. Non-Compliance activities for the project to date are summarized in Table 4.

### **Agency Representatives during Construction (Other than CPUC EMs):**

None.

### **CONSTRUCTION YARDS AND OTHER WORKSPACES:**

#### **Summary of Activity:**

Non-Federal Lands:

1. Alpine Construction Yard – Equipment/materials staging, weed wash station operations, and staging for road and gate crews occurred.
2. Alpine Headquarters – No significant activity occurred during the reporting period.
3. AER Yard – Yard has been restored.
4. Barrett Canyon Yard – No significant activity occurred during the reporting period.
5. Bartlett-Hauser Yard – Water staging, helicopter operations, weed wash station operations, dust suppression, and staging for driveway and BMP crews occurred.
6. Fromm Yard – No work occurred at this yard during this reporting period.
7. El Monte Yard – Dust suppression, helicopter operations, and staging for assembly, road and tower hooking crews occurred.

8. Helix Yard – Helicopter operations, 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, road, QC, driveway, TSAP, assembly, and BMP crews.
10. Kreutzkamp Yard – Helicopter operations, weed wash station operations, water staging, dust suppression, and staging for road, conventional foundations, micropile, toad survey, and BMP crews occurred.
11. Rough Acres Yard – Helicopter operations, dust suppression, weed wash station, tower assembly, and materials and water staging occurred. This yard was also used for staging conventional foundation, wire, and BMP crews.
12. SWAT Yard – Water staging, helicopter operations, dust suppression, weed wash station operations, and staging for driveway, conventional foundation, micropile, and BMP crews occurred.
13. S2 Yard – Demobilizing equipment and some crew staging took place.
14. Sycamore Yard – Weed wash station operations, water supply, dust suppression, helicopter operations, and staging for BMP, road, wire, micropile, conventional foundation, and assembly crews occurred.
15. Wilson Yard – Helicopter operations, dust suppression, and materials staging for Suncrest Substation took place. The yard was also used for staging assembly crews.

Federal Lands (BLM):

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

Federal Lands (USFS):

20. Thing Valley Yard – No activity occurred during the reporting period.

**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 01/27/2012)

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 01/27/2012)

Variance Request	Date Requested	Date Issued	Segment #	Description
#1	11/04/10	11/10/10	Yard	Thomas Yard (El Centro, CA)
#2	12/22/10	03/18/11	Yard	Sycamore Estates Construction Yard. Response to inquiry received 02/23.
#3	01/06/10	01/18/11	All	Modification to tree trimming requirements.
#3 MOD	01/25/11	01/26/11	All	Modification to brush clearing requirements.
#4	01/13/11	03/01/11	Yard	Helicopter Temporary Landing Pad area at the Alpine Regional Field Offices.
#5	02/01/11	02/09/11	Yard	Site improvements at the Wilson Construction yard and along Bell Bluff Trail



Variance Request	Date Requested	Date Issued	Segment #	Description
#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.
#36	01/20/12	Under Review	Links 1, 2, & 5	Variance to allow vegetation clearing between January 15 through February 14.
#37	01/20/12	Under Review	Links 1, 2, & 5	Temporary placement of concrete blocks outside of approved work areas.

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 01/27/2012)

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 Request	Date Requested	Date Approved	Segment #	Description
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 01/27/2012)

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.

Type	Date	Location	Description
PM #3	03/15/11	CP 67-3, Link 5	Staking crews operating and delivered by helicopters within GE Buffer area.
PM #4	04/06/11	Swat Yard	Unauthorized Nest Removal from a water truck at SWAT Construction yard.
PM #5	05/16/11	EP 340, Link 1	Operation of water trucks outside of approved disturbance areas at EP 340.
PM #6	09/16/11	EP271, Link 1	Construction activities commenced at EP271 prior to the arrival of biological monitor.
Stop Work Order	09/27/11	Helicopter Operations	A pattern of helicopter incidents posed a serious concern for the safety of the general public.
PM #7	09/28/11	AER CY	Construction crew entered AER CY prior to Peninsular Bighorn Sheep monitor clearing the site.
NCR #1	09/28/11	Link 1	CPUC issued NCR for 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 01/27/2012)

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.

Type	Date	Location	Description
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 Air crane. 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.

Type	Date	Location	Description
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.
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.

Type	Date	Location	Description
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	PBHS habitat violation with low elevation flights in restricted areas.
Incident	12/04/11	Link 1	PBHS habitat violation with low elevation flights in restricted areas.
Incident	12/22/11	Link 1	PBHS habitat violation with entry into Fromm Yard prior to clearance from PBHS biologists.
Incident	12/27/11	Link 1	Two PBHS habitat violation with low elevation flights in restricted areas.
Incident	01/09/12	Link 2	Road crew operating without an Arroyo Toad Monitor present at EP50, Arroyo Toad suitable habitat. Crew was retrained of the importance of a monitor being present during operations.
Incident	01/10/12	Link 2	Foundation crew damaged an oak tree during mobilization effort at EP49. Crew was retrained.
Incident	01/12/12	Link 1	Parking along McCain Valley Rd not in designated disturbance areas. Link Leads corrected immediately.
Incident	01/12/12	Link 5	A dozer failure led to disturbance outside of approved ROW by 15 feet near CP59. All personnel were safe and restoration efforts are in process.

Type	Date	Location	Description
Incident	01/13/12	Link 2	An unanticipated release of a compressor mid-flight approximately 400ft North of Kruetzkamp CY. No injuries or damage to property occurred. Investigation to helicopter hook system is ongoing.
Incident	01/17/12	Link 2	Crew entered access road to EP73/74, Arroyo Toad suitable habitat, prior to the 2 hr waiting period following dawn and biological monitor clearance. Crew was spoken to and better signage is to be installed.
Incident	01/18/12	Link 1	Concrete blocks were placed outside of approved disturbance area at EP224/5 prior to the approval of Variance #37. To limit disturbance, blocks have been left, but cannot be used until approval of the variance.
Incident	01/18/12	Link 1	Assembly crew arrived at EP177 prior to an approved bird survey having been conducted and submitted. Crews were ushered out by onsite avian biologist performing said survey.
Incident	01/18/12	Link 1	Foundation crew entered PBHS habitat at EP256 outside of approved work window. They were escorted out by monitors at a nearby site upon noticing. GF for crew was released by the project and a standdown with GF and foreman was performed on 01/23/12.
Incident	01/19/12	Link 2	Bird strike occurred during helicopter operations near EP33. Monitors on board believed the bird to be a swallow, but no remains were found to confirm.
Incident	01/20/12	Link 5	Wire dropped between CP96 and CP100 during wire operations. No resources were found to be damaged, hurt or killed.
Incident	01/20/12	Link 5	Gate left open for access road to pull site between CP64/65 and released livestock that was present. Monitors were brought onsite to herd them back into the pen and ensure security of the gate.

## 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 01/25/12	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	169	169	130	79	46
Bureau of Land Management	180	180	154	116	95
US Forest Service	75	75	31	16	17
Miramar	12	12	14	12	1
<b>Total</b>	<b>436</b>	<b>436</b>	<b>329</b>	<b>223</b>	<b>159</b>



**PROJECT PHOTOGRAPHS**



**Figure 1:** Micropile drilling at EP254-3. (Link 1)



**Figure 2:** Conventional tower assembly at EP252-1. (Link 1)



**Figure 3:** Aircrane flying bridge to EP253-3. (Link 1)



**Figure 4:** Aircrane setting bridge at EP253-3. (Link 1)



**Figure 5:** Arroyo Toad fencing installed along access road near EP65. (Link 3)



**Figure 6:** Access road to EP58-2 closed due to USFS-related work shutdown. (Link 2)



**Figure 7:** Air compressor destroyed after falling from a helicopter into a field. Crew is staging cleanup efforts. (Link 2)



**Figure 8:** View of field where air compressor fell. (Link 2)