



5020 Chesebro Road, Suite 200, Agoura Hills, CA 91301-4316
Tel. 818-597-3407, Fax 818-597-8001, www.aspeneg.com

**PROJECT MEMORANDUM
SDG&E'S SUNRISE POWERLINK PROJECT**

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: November 16, 2011
Subject: Weekly Report 58 – October 23 to October 29, 2011

INTRODUCTION

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

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

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

CPUC/Aspen Environmental Monitors (EM): Cassandra Garza, Brian Woodward, Valerie Yep, and David Lee.

TRANSMISSION LINE CONSTRUCTION

Summary of Activity:

1. Link 1, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Vegetation clearing occurred at Tower EP183, EP215 pull site, EP220-1 pull site, and EP254-3.
- Boulder removal occurred at the EP220-1 pull site and EP254.
- Access road construction was conducted at the EP220-1-PS-N pull site.
- Grading was conducted at EP184-1-N, EP215 pull site, EP219-1 pull site, and EP220-1 pull site (see Figure 1).
- Gate installation occurred at EP184-1-N.
- Driveway installation occurred at the EP220 pull site south, EP227-E-A, and EP252-1-N.
- Micropile drilling occurred at EP261A.
- Micropile grouting occurred at EP261A and EP262-4.
- Micropile trimming occurred at EP259-3, EP259B-2, and EP261-2 (see Figure 2).
- Micropile proof testing occurred at EP259-3 and EP259B.
- Conventional drilling occurred at EP184-1, EP185, and EP199-3.
- Various foundation work (capping, cage installation, grounding, etc.) and concrete pouring occurred at EP199.
- Form removal and cleanup occurred at EP207.
- Tower assembly occurred at EP207, EP240, EP242, EP255-2, and EP257.
- Miscellaneous assembly work (perch deterrents, anti-climb guards) occurred at EP358.



- Ground rod installation occurred at EP207.
- Ground resistance testing occurred at EP207, EP240, EP242, EP256, EP257, and EP258-3.
- Guard structure installation occurred at NF-31 near EP215.
- Optical ground wire (OPGW) was flown from EP215 to EP219.
- Traveler work occurred from EP215 to EP219.
- Snubs were installed at the EP219 pull site.
- Insulator work at/between occurred from EP215 to EP219 and EP358.

BLM Lands:

- Vegetation was cleared at EP170, EP170 pull sites, EP171, EP172, EP188-1, EP189-3, and EP204-3 pull site.
- Boulder removal occurred at EP181-N.
- Access road construction was conducted at EP170-N, EP171-N, EP173-1-N, and EP174-E to EP180-N.
- Grading took place at EP170, EP171, EP175, EP176, EP177, EP179, and EP180-N to EP184-1-N.
- Tree trimming occurred at EP170.
- Driveway installation occurred at EP247-E, EP250-E, and EP251-N.
- Rumble plates were adjusted at EP205.
- Micropile drilling occurred at EP265-2.
- Micropile grouting occurred at EP265-2.
- Micropile trimming occurred at EP264-4, EP270-2, EP271-2, EP275-1 and EP281.
- Micropile proof testing occurred at EP264-4, EP267, EP270-2, EP271.
- Micropile cap work was conducted at EP264, EP267, EP269-1, EP270-2, EP271, EP272-3, EP273, EP274-1, EP275, EP276-1, EP277-1, EP278, EP279-1, EP280, and EP281.
- Conventional drilling occurred at EP171, EP172, EP173-1, EP174, EP175, EP176, EP179, EP181, EP182, EP186-1, EP191-2, EP192-2, EP193, and EP202-3.
- Various foundation work (including capping, curing, cage installation, grounding, etc.) was conducted at EP179, EP180, EP181, EP182, EP197-3, EP198-3, EP202, EP203-3, EP207 and EP279.
- Concrete was poured at EP180, EP181, EP182, and EP202 (see Figure 3).
- Form removal and cleanup was conducted at EP179, EP180, EP181, EP182, EP197-3, EP198-3, EP202-3, EP203-3.
- Tower assembly took place at EP200-3, EP203-3, EP206-1, EP247, EP248-1, EP250, EP251, EP290, EP304-2, EP305-3, EP306-1, EP307-1, EP310, EP311-1, EP312, EP314, EP315-1 and EP317.
- Miscellaneous assembly work (perch deterrents, anti-climb guards) occurred at EP356, EP357, EP360, EP362, and EP363.
- QA/QC occurred at EP201-3, EP205, EP206-1, and EP304-2 to EP312.
- Ground rod installation occurred at EP197-3, EP198-3, EP204-3, and EP250.
- Ground rod resistance testing was conducted at EP200A-1, EP201-3, EP204-3, EP205-2, EP206-1, and EP305-3.
- Conductor and OPGW were installed from EP313 to EP322.
- Traveler work was conducted at EP319.
- Sleeving occurred at EP322 pull site.
- Insulator work occurred at/between EP319 and EP357.
- Clipping and sagging occurred from EP313 to EP322.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Vegetation clearing occurred at EP25-2 TSAP, EP31-1 TSAP, EP65-1, EP66-E, EP66, EP89 pull sites, and EP91 pull site.
- Grading occurred at EP89 pull sites and EP91 pull site.
- Tree trimming occurred at EP77 and EP78.
- Tower assembly occurred at EP89-1, EP90-1, EP91, and EP92.

BLM Lands:

- Access road construction occurred at EP39-1-N-B, EP42-N, and EP50-E.
- Vegetation clearing occurred at EP49, EP49-N, and EP50.
- Grading occurred at EP42 pull site and EP47-2 pull site (see Figure 4).
- Micropile trimming occurred at EP43-1 (Golden Eagle, GE), EP44 (GE), EP45-1, and EP47-2.
- Pilot holes were drilled for blasting at EP42 and EP47-2 pull site.
- Blasting occurred at EP42 and EP47-2 pull site.
- Grouting occurred at EP43-1 (GE), EP44 (GE), EP45-1, and EP47-2 (see Figure 5).
- Micropile test pulls occurred at EP43-1 (GE), EP44 (GE), EP45-1, and EP47-2.
- QA/QC occurred at EP43-1 (GE), EP44 (GE), EP45-1, and EP47-2.

US Forest Service Lands:

- During this reporting period, the PALs were as follows: Monday: C, Tuesday: C, Wednesday: B, Thursday: C, Friday: EV, and Saturday: EV. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Access road construction occurred at La Posta Road from pavement to EP141.
- Vegetation clearing occurred at EP134-2 (GE), EP136 (GE), EP138-2 (GE), and EP140.
- Conventional drilling occurred at EP126, EP127, EP130-1, EP131, and EP141.
- Micropile drilling occurred at EP134-2 (GE), EP136 (GE), EP137 (GE), EP138-2 (GE), EP139, and EP140 (see Figures 6, 7, and 8).
- Various micropile work (capping, pile surveys, site benching, etc.) occurred at EP134-1 (GE), EP136 (GE), EP137 (GE), EP138-2 (GE), EP139-1, and EP140.
- Grouting occurred at EP132-2 (GE), EP134-1 (GE), EP135 (GE), EP136 (GE), and EP137 (GE).
- Tree trimming and gate installation occurred at EP141 and EP141-E-C.
- Concrete pouring occurred at EP131 (see Figure 9).

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

- Revitalization occurred near South Grade Road.
- Trenching took place near Vault V1L to the Caltrans receiving pit, V1L to V2L, V1L to riser pole, V1R to riser pole, and the Slay Property.
- Pre-drilling/drilling occurred at Viejas Creek Bridge.
- Pre-racking/racking and cleaning manholes for jointing/splicing occurred at V1R, V3L, V4L, V10R, V10L to V11L, V12R to V14R, and V18R.
- Proofing occurred from V1L to V2L, V1R to V2R, and V9R to V10R.
- Milling and setting plates occurred at Viejas Creek Bridge.
- Cable pulling occurred from V7R to V8R and V19L to V20L.
- Grading occurred at the Slay Property.

- Excavation occurred at the Alpine Creek bore pit (see Figure 10).
- Scaffolding was erected at EP95 and the Loritz Property.
- Waterline installation occurred at the Caltrans Interstate 8 bore.
- Forming occurred at Viejas Creek Bridge.

4. Link 5:

Non-Federal Lands, 220 kV Overhead Transmission Line:

- Vegetation removal occurred at CP27 TSAP, CP32-2 TSAP, CP33-2 TSAP, CP33A TSAP, CP34-2, CP34-2 TSAP, CP35-2 TSAP, CP36-1 TSAP, CP55/CP56-1 pull site, and CP56-1-E-A.
- Grading was conducted at CP48-2/CP49-1 pull site, CP55/CP56-1 pull site (see Figure 11), CP98-N-B, and CP99-N.
- Access road construction took place at CP49-1-PS-E, CP49-1-PS-N (see Figure 12), and CP56-1-E-A.
- Dexpan boulder breaking occurred at CP53-1, CP55/CP56-1 pull site, CP56-1-E-A, CP70-3, CP80-2, and CP84.
- Boulder removal was conducted at CP71 and CP74-2.
- Conventional drilling took place at CP70-3.
- Micropile test pull occurred at CP106-1(GE), CP108, and CP109-1.
- Various micropile work (including capping, pile surveys, site benching, etc.) was conducted at CP71, CP72-2, CP74-2, CP75-1, CP106-1 (GE), CP107, CP108, and CP109-1.
- Grouting took place at CP70-3 and CP108.
- Site cleanup occurred at CP73-2 and CP75-1.
- Tower assembly was conducted at CP18, CP19, CP20, CP24-1, CP73-2, and CP75-1 (see Figure 13).

BLM Lands, 220 kV Overhead Transmission Line:

- Tree trimming occurred at CP65-1 and CP66-2 (GE).
- Various micropile work (including capping, pile surveys, site benching, etc.) was conducted at CP65-1 (see Figure 14), CP66-2 (GE), and CP67-3 (GE).
- Tower assembly took place at CP65-1, CP66-2 (GE), and CP68-1 (GE).
- Site cleanup occurred at CP66-2 (GE), CP67-3 (GE), and CP68-1 (GE).

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

- No work occurred during this reporting period.

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

- No work occurred during this reporting period.

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

- No work occurred during this reporting period.

US Forest Service Land:

- During this reporting period, the PALs were as follows: Monday: C, Tuesday: C, Wednesday: B, Thursday: C, Friday: EV, and Saturday: EV. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Vegetation removal occurred at CP99-2 and CP100-1.
- Access road construction was conducted at CP100-N.
- Dexpan boulder breaking took place at CP99-2.

- Airtrack drilling occurred at CP99-02.
- Conventional drilling was conducted at CP69-9, CP99-2, and CP100-1.
- Micropile drilling took place at CP101-1 and CP104-1 (GE).
- Micropile test pulls occurred at CP101-1, CP103-2, and CP105-1 (GE).
- Various micropile work (including capping, pile surveys, site benching, etc.) was conducted at CP103-2 and CP105-1 (GE).
- Grouting took place at CP101-1.
- Gate installation occurred at CP69-2.

Environmental Compliance:

1. Biological, Cultural, and Native American monitors were present as applicable during all transmission line construction activities.
2. BMPs were installed, refreshed, or maintained on tower sites, access roads, TSAPs, and pads associated with towers on Link 1:

Non-Federal Lands:

- Installed at EP183 to EP185-1, EP215 pull site north, and EP219 pull sites.
- Maintained at Rough Acres Yard, EP183 to EP185-1, EP199, EP252-1 and EP358 to EP359.

BLM Lands:

- Installed at EP170-N to EP172-N, EP173-1, EP173-N, EP 174 to EP182, EP179, and EP172-E to EP180-N.
- Maintained at EP180-N to Rough Acres, EP192-2, EP193, EP197-3, EP200-3, EP204-3, EP247, EP248-1, EP269-1 east pull site, EP297 to EP319, and EP341 to EP363.

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

Non-Federal Lands:

- EP91 pull site.

US Forest Service Lands:

- EP134-2 (GE), EP136 (GE), EP138-2 (GE), EP140, and La Posta Road from pavement to EP141.

BLM Lands:

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

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

- Street sweeping occurred along Alpine Boulevard.
- BMPs were refreshed at Bauer Bridge (see Figure 15).

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

Non-Federal Lands:

- BMP installation occurred at CP55/CP56-1 pull site, CP56-1-E-A, CP98-1 access road, CP99-N, and CP108.
- Hydromulching was conducted at CP98-N-B and CP99-N.

BLM Lands:

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

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

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

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

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

US Forest Service Lands:

- BMP installation occurred at CP100-1-N.
- Hydromulching was conducted at CP100-1-N.

6. One two-striped garter snake (*Thamnophis hammondi*) was found dead at access road EP53-3-E-B. One Coronado skink (*Eumeces skiltonianus interparietalis*) was found dead and two were relocated at EP141. (Link 2)
7. An unanticipated cultural discovery was made on a temporary access road near the El Monte Valley area. A site visit will be held the first week of November with the appropriate tribes. (Link 5)
8. One red diamond rattlesnake (*Crotalus ruber*) was relocated from the access road at CP98 to a more suitable location away from construction activities. (Link 5)
9. Pre-construction surveys were performed throughout Link 1, 2 and 5 with appropriate monitors.

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

Agency Representatives during Construction (other than EMs):

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

Substation Construction AND UPGRADES

Summary of Activity:

1. Suncrest Substation, Link 3 (non-federal lands): Grading continued on the substation pad and along Bell Bluff Truck Trail (BBTT). Rock was crushed for select fill material. Piers were drilled for foundations. Foundation pads were formed and concrete was poured. Steel was erected in the northwest quadrant of the pad. Culvert installation took place east of the guard shack and along BBTT. Paving occurred on the second half of BBTT. Class 2 base was placed along BBTT. Concrete panels for the water tank were poured near the construction trailers. Concrete water tank panels were welded. Conduit and ground grid trenching took place in the northwest quadrant.
2. Imperial Valley Substation Upgrade (BLM lands): Construction on the new maintenance and storage building continued.
3. San Luis Rey Substation (non-federal lands): No Sunrise-related work occurred during the reporting period.
4. Encina Substation (non-federal lands): The contractor performed wiring and conduit installation. Trenching continued in the northwest portion of the substation; excavation occurred around a newly installed 230 kV transformer. Trenching occurred around the perimeter fence to install new security cameras. Construction and wiring crews worked on electric panels and setting the 230 kV transformer.
5. Sycamore Substation (non-federal lands): Crews worked on substation upgrades in Bays 21 and 26.

Environmental Compliance:

1. All applicable Biological, Cultural, Paleontological, and Native American monitors have been present during ground disturbing activities at all substations.
2. Hydromulch and seed mixture was sprayed on the hillside adjacent to the northern sediment basin. (Link 3)

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

Agency Representatives during Construction (Other than CPUC EMs):

None.

CONSTRUCTION YARDS AND OTHER WORKSPACES:

Summary of Activity:

Non-Federal Lands:

1. Alpine Construction Yard – Helicopter operations, materials staging, and dust suppression occurred.
2. Alpine Headquarters – No significant activity occurred during the reporting period.
3. AER Yard – Helicopter operations, materials staging, and dust suppression occurred.
4. Barrett Canyon Yard – Grading and boulder busting occurred at the yard and access road. Drilling in preparation for blasting occurred. Excavator repair also occurred.
5. Bartlett-Hauser Yard – Water staging, dust suppression, and weed wash station operations occurred.
6. Fromm Yard – Tower assembly, water staging, and dust suppression occurred (see Figure 16).
7. El Monte Yard – Crew and materials staging, helicopter operations, and dust suppression occurred.
8. Helix Yard – Helicopter operations, dust suppression, concrete, and water staging took place in the yard. The weed wash station was also used.
9. Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, and water staging, dust suppression, and tower assembly occurred.
10. Kreuzkamp Yard – Tower assembly, weed wash station operations, water staging, and dust suppression occurred.
11. Rough Acres Yard – Helicopter operations, materials staging, tower assembly, water staging, dust suppression and weed wash station usage was conducted.
12. SWAT Yard – Tower assembly, concrete staging, water staging, dust suppression, weed wash station operations, and helicopter operations occurred.
13. S2 Yard – Tower assembly, wire stringing staging, water staging, dust suppression, and helicopter operations took place in the yard (see Figure 17).
14. Sycamore Yard – Tower assembly, weed wash station, dust suppression, helicopter operations, and water staging (from hydrant) occurred.
15. Wilson Yard – Materials were staged for Suncrest Substation. Helicopter operations, water staging, and tower assembly also took place.

Federal Lands (BLM):

16. Dunaway Yard – Fence removal was conducted in preparation for reclamation.
17. Imperial Valley Yard – Removal of gravel, water tank pad, and fence was conducted in preparation for site reclamation (see Figure 18).
18. McCain Valley Yard – Tower assembly, helicopter operations, dust suppression, and water staging occurred in this yard (see Figure 19).
19. Plaster City Yard – Helicopter operations, concrete operations, staging for wire stringing, dust suppression, and water staging occurred.

Federal Lands (USFS):

20. Thing Valley Yard – Staging for La Posta Road work 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.
2. One coast patch-nosed snake (*Salvadora hexalepis virgulata*) was found dead on the access road to Kreutzcamp Yard. (Link 2)
3. One coast horned lizard (*Phrynosoma blainvillii*) was relocated from the Wilson Yard to a more suitable location away from construction activities. (Link 3)
4. One California quail (*Callipepla californica*) was found dead after flying into the fence at the Alpine Upper Yard. (Link 4)

No Non-Compliance Reports or Project Memorandums were issued during the subject period for Construction Yards and other workspace activities. Non-Compliance activities for the project to date are summarized in Table 4.

Agency Representatives during Construction (other than CPUC EMs):

None.

CPUC NOTICES TO PROCEED (NTPs)

Table 1 summarizes the CPUC Notice to Proceed activity for the SDG&E Sunrise Powerlink Project to date.

TABLE 1
CPUC NTPs
(Updated 11/16/2011)

NTP#	Date Requested	Date Issued	Segment #	Description
#1	01/04/10	04/28/10	25	San Luis Rey Substation Upgrades
#2	02/08/10	04/29/10	23	South Bay Substation Upgrades
#3	02/26/10	05/20/10	Yard	Alpine Yard 18
#4	01/26/10	05/28/10	Yard	Alpine Yard 18A
#5	02/05/10	09/28/10	Yard	Rough Acres Yard, Phase 1
#6	05/26/10	09/28/10	24	Encina Substation Upgrades
#7	05/28/10	09/28/10	Telecomm	White Star Communication Facility
#8	06/09/10	10/06/10	Substation	Pomerado Substation Upgrades
#9	06/09/10	10/06/10	Substation	Scripps Switchyard/Substation Upgrades
#10	10/13/10	11/23/10	15	Link 4, Alpine 230 kV Underground Construction
#11	10/19/10	12/15/10	13	Link 3, Suncrest Substation/Wilson Construction Yard
#12	11/30/10	12/23/10	Yard	Rough Acres Yard, Phase 2
#13	11/09/10	01/14/11	2-18, 20-22	Links 1, 2, and 5, overhead construction on non-federal lands
BLM #1	01/19/11	02/03/11	1	Imperial Valley Substation upgrades.
BLM #2	03/28/11	04/04/11	2-12, 16-17	Links 1, 2, and 5 overhead construction on BLM Lands.
Miramar	01/20/11	06/28/11	22	Overhead and substation construction.
USFS	07/29/11	08/09/11	6, 7, 10, 12,14,16	Links 1, 2, and 5 overhead construction on USFS Lands.

VARIANCE & TEMPORARY EXTRA WORKSPACE REQUESTS

Variance and Temporary Extra Workspace (TEWS) requests submitted to date are presented in Tables 2 and 3, respectively.

TABLE 2
VARIANCE REQUESTS
 (Updated 11/16/2011)

Variance Request	Date Requested	Date Issued	Segment #	Description
#1	11/04/10	11/10/10	Yard	Thomas Yard (El Centro, CA)
#2	12/22/10	03/18/11	Yard	Sycamore Estates Construction Yard. Response to inquiry received 02/23.
#3	01/06/10	01/18/11	All	Modification to tree trimming requirements.
#3 MOD	01/25/11	01/26/11	All	Modification to brush clearing requirements.
#4	01/13/11	03/01/11	Yard	Helicopter Temporary Landing Pad area at the Alpine Regional Field Offices.
#5	02/01/11	02/09/11	Yard	Site improvements at the Wilson Construction yard and along Bell Bluff Trail
#6	02/01/11	03/01/11	Link 5	Variance from Mitigation Measure H-1a (CC) to allow work outside of the dry season.
#7	02/11/11	02/17/11	Link 3	Additional work areas for construction trailers, parking, etc.
#8	03/02/11	03/08/11	Link 2	Alternate access route to Structure EP 27.
#9	03/29/11	04/06/11	All	Perform construction activities outside of hours allowed by local ordinances with local jurisdiction approval.
#10	04/04/11 (revised)	04/14/11	Link 4	Additional construction work space at Viejas Creek Bridge.
#11	04/06/11	04/22/11	Link 1	Additional workspace east of EP215.
#12	04/15/11	04/25/11	Link 1	Additional turnaround along the access road to EP 220-1.
#13	04/13/11	05/06/11	Links 1 & 2	Two fiber optic regeneration sites.
#14	04/28/11	05/03/11	Yards	Change visual screening at Project construction yards from slats to fabric.
#15	05/12/11	05/19/11	Link 2	Alternate access to EP 84.
#16	05/16/11	05/21/11	Link 4	Additional parking space for use during underground construction.
#17	05/18/11	05/24/11	Encina Substation	Driveway improvement.
#18	06/27/11	07/14/11	Link 1	Gate installation between mile markers 38.5 and 39.5.
#18 Mod	10/03/11	Under Review	Link 1	Alternative for installation of Gate #4.
#19	06/27/11	06/29/11	Link 1	Installation of training tower at Rough Acres Construction Yard.

Variance Request	Date Requested	Date Issued	Segment #	Description
#20	06/28/11	08/05/11	Link 5	Additional disturbance for access, pull sites and topsoil stockpile at CP48-2 to CP51-2.
#21	07/07/11	07/15/11	Link 1	Guard structure from EP255 to Imperial Valley Substation.
#22	07/08/11	08/04/11	Link 1	Fromm Construction Yard. Additional information submitted 08/04.
BLM DNA #1	07/19/11	08/05/11	Link 1	Minor modifications to portions of the Project on Bureau of Land Management lands.
#23	08/15/11	10/20/11	Links 1, 2, & 5	Additional landing platforms and TSAPS.
#24	08/25/11	08/29/11	Suncrest Substation	Additional vegetation clearing around construction trailers.
#25	09/01/11	09/09/11	Links 1 & 5	Extended use of approved TEWS areas for parking and staging.
#26	09/15/11	09/20/11	Link 2	Water tank installation at Barrett Canyon Yard.
#27	09/20/11	10/18/11	Link 1	Temporary Staging area near Mountain Springs Grade Rd.
#28	10/19/11	Denied	Link 3	Allow work to continue at Suncrest Substation during a Red Flag Warning (RFW) event.
#29	10/21/11	11/01/11	Links 1, 2, & 5	Additional guard structures identified for wire pulling activities.
#30	11/01/11	11/15/11	Links 1, 2, & 5	Temporary parking and turnaround areas.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 11/16/2011)

TEWS Request	Date Requested	Date Approved	Segment #	Description
TEWS #1	11/01/10	11/01/10	White Star	Asphalt paved area for vehicle parking and staging
TEWS #2	03/17/11	03/18/11	Link 4	Parking on Puetz Valley and Alpine Blvd
TEWS #3	03/17/11	03/18/11	Link 4	Parking on Harbison Canyon and Alpine Blvd
TEWS #4	03/22/11	03/23/11	Link 5	Storage on One Father Junipero Sierra Trail
TEWS #5	03/24/11	03/24/11	Link 4	Parking at 3900 Willows Rd. West
TEWS #6	03/24/11	03/24/11	Link 4	Parking at 5840 Willows Rd. East
TEWS #7	04/06/11	04/07/11	Link 2	Northern access road to EP 79
TEWS #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.

NON-COMPLIANCES & INCIDENTS

CPUC 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 11/16/2011)

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

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	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.

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

TABLE 5
PROJECT INCIDENTS
(Updated 11/16/2011)

Type	Date	Location	Description
Incident	11/01/10	White Star	Delivery of a rebar cage outside of the approved disturbance area.
Incident	02/17/11	EP 244, Link 1	Nest incorrectly marked at entrance to EP 244.
Incident	02/18/11	Alpine HQ	Emergency weather landing and storage of 3 helicopters at Alpine HQ.
Incident	03/12/11	EP 252, Link 1	Bulldozer was delivered at site prior to CPUC clearance being given.
Incident	03/15/11	EP 214, Link 1	Dewatering approximately 1 gal of groundwater from an excavation hole without having submitted a dewatering plan to the CPUC.
Incident	04/06/11	JVR 12 kV, Link 1	Confusion on approved work areas due to varying maps having been distributed to workers and monitors.
Incident	04/07/11	JVR 12 kV, Link 1	A site was worked on prior to CPUC EM construction release having been received for the area, no resources were damaged.
Incident	05/05/11	Link 4	Three small fires were reported on Link 4 Underground. Fire tools were used by the on-site fire patrol to immediately respond per the Sunrise Fire Plan. Notification to Alpine Fire was made.
Incident	05/17/11	Link 1	BMP crew drove off the road between EP345 and EP346 and park within the ESA boundary.
Incident	06/07/11	Link 1	During the aerial delivery of a structure body to EP339, approximately 200 ft outside of Plaster City Yard, the piece fell from the Aircrane. No injuries have been reported.

Type	Date	Location	Description
Incident	06/10/11	Link 1	During the aerial delivery of a structure layback to EP 339, at the EP 339 construction site, 3 of the 4 hooks released and caused an emergency placement of the steel at the site. While in the process of placing on the ground, the 4 th hook released and the tower fell to the ground. No injuries have been reported.
Incident	07/07/11	Link 1	A project water tanker was stuck on the side of Evan Hughes Highway and released approximately 1,000 gallons of potable water into Coyote Wash, after pulling over to evaluate a bridge crossing. All necessary notifications were made.
Incident	07/07/11	Link 5	Construction vehicles, including project fire truck, were noted to be outside of approved disturbance areas at CP40 and CP41. Link leads were notified and immediate corrective action was taken.
Incident	07/11/11	Link 1	A skid fell off the KMax Helicopter while en route to a tower site. The skid was within the Project ROW and no injuries were reported. The item was retrieved on foot.
Incident	07/28/11	Link 1	Unapproved disturbance of approximately 50'x100' occurred during the grading operations of the AER yard. No resources were impacted.
Incident	08/04/11	Link 1	An air compressor was dropped approximately 500 ft north of EP327, from a KMax helicopter while in transit to a micropile site. Approximately 50-60 gallons of diesel was spilled in an area of approximately 75' in diameter. Site has been cleared and appropriate agencies have been contacted.
Incident	08/05/11	Link 3	Small fire resulted from excavation activities along BBTT. Burned an area approximately 50'x50' prior to it being extinguished. Notifications were made immediately.
Incident	08/13/11	Link 2	Accident along Lyons Valley Rd, where a project truck went off the embankment by 300'. No injuries reported. Assessment team was sent to the site and notifications were made.
Incident	08/15/11	Link 2	Sparks caused by loose chain from a project vehicle interacting with the roadway started a 2-acre fire. The fire was extinguished and proper notifications were made.
Incident	08/18/11	Link 2	An unsteady load caused a forklift to fall to its side at EP 91. A small spill of hydraulic fluid took place, all disturbance was contained within the established work area, and no injuries were reported.
Incident	08/22/11	Link 1	Crew member threw a rock and knocked down a rock cairn located within an ESA. Appropriate agencies were notified.
Incident	09/08/11	Link 2	CPUC EM noted a water truck entering EP91 after not having stopped at designated wash station. Corrective action was taken.
Incident	09/12/11	Link 5	Crew performed minor clearing prior to the arrival of biological monitor.
Incident	09/13/11	Link 5	Crew performed minor clearing prior to the arrival of biological monitor.

Type	Date	Location	Description
Incident	09/15/11	Link 5	Micropile platform at CP67-3 rolled 50' downhill after unstable placement. A helicopter removed from site to limit damage. Minor vegetation damage that was surveyed by onsite biologist.
Incident	09/19/11	Link 2	Small fire near EP42 started due to excavator hitting a rock during grading operations. This was immediately put out by onsite personnel using their required fire supplies.
Incident	09/19/11	Link 2	2 Micropile pipes were dropped during helicopter operations near CP107 and rolled down hill to injure a worker trying to stop them. Minor vegetation damage that was surveyed by onsite biologist.
Incident	09/20/11	Link 1	Trackout from EP252 was noted to Link Lead and was immediately remedied.
Incident	09/20/11	Link 1	Project vehicles were noted to parking outside of the approved project disturbance. Link Lead was notified and vehicles were immediately relocated.
Incident	09/21/11	Link 1	Dozer operator drove approximately 260 ft off of ROW near EP322. Area was surveyed Cultural and Biological monitor.
Incident	09/21/11	Link 3	Approximately 800 gallons of potable water was released from Northern Sediment basin. Appropriate agencies were notified.
Incident	09/22/11	Link 3	Plywood load from helicopter dropped within substation boundaries. No injuries were reported.
Incident	09/23/11	Link 1	Improperly covered foundations holes were noted to the Link Lead. Follow up was performed with crews.
Incident	09/26/11	Link 1	Straw wattles en route via helicopter dropped into open area. No injuries were reported.
Incident	10/12/11	Link 1	A drill rig pulled to the side of the access road near EP185/EP186 and inadvertently crushed vegetation.
Incident	10/12/11	Link 4	Approximately 50 gallons of diesel fuel was released immediately off of Puetz Valley Rd. Site was cleaned and stained soils removed. Appropriate agencies were contacted.
Incident	10/19/11	Link 1	A door fell off a helicopter near Plaster City Yard close to EP332. No injuries were reported.
Incident	11/03/11	Link 1	Injury occurred when a tower leg fell onsite. Events surrounding the incident are still undergoing investigation. Disturbance occurred outside of approved areas. Biological/cultural monitors reviewed and found no resources to be damaged.
Incident	11/05/11	Link 5	Sediment off ROW at CP55/56 access road.
Incident	11/09/11	Link 2	Landing of project helicopter on unapproved disturbance areas.

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 11/14/11	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	169	168	82	41	7
Bureau of Land Management	180	179	110	75	45
US Forest Service	75	67	3	0	0
Miramar	12	12	3	1	0
Total	436	426	198	117	52

PROJECT PHOTOGRAPHS



Figure 1: Crews covering foundations holes per the Mitigation Measures at EP219 pull site. (Link 1)



Figure 2: Micropile activities at EP261. (Link 1)



Figure 3: Concrete operations at EP180. (Link 1)



Figure 4: EP47 and pullsite viewed from helicopter. (Link 2)



Figure 5: EP47-2 drill crew with helicopter operations in background. (Link 2)



Figure 6: Helicopter delivering a load to EP138-2 in USFS land. (Link 2)



Figure 7: Dual drill rigs operating at EP138-2. (Link 2)



Figure 8: Micropile drilling at EP139. (Link 2)



Figure 9: Setting cages at EP131. (Link 2)



Figure 10: Excavating bore pit at Alpine Creek. (Link 4)



Figure 11: Grading at CP55/CP56-1 pull site. (Link 5)



Figure 12: Access road grading to CP49-1 pull site. (Link 5)



Figure 13: Completed tower at CP75-1. (Link 5)



Figure 14: Assembled legs at CP65-1. (Link 5)



Figure 15: Bauer Bridge and stormwater BMPs. (Link 4)



Figure 16: Crews assembling tower sections at Fromm Yard. (Link 1)



Figure 17: Crews assembling tower components at S2 Yard.



Figure 18: Crews restoring IV Substation Yard. (Link 1)



Figure 19: Aerial of McCain Valley Yard. (Link 1)