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**PROJECT MEMORANDUM  
DELTA DPA CAPACITY INCREASE SUBSTATION PROJECT**

**To:** Junaid Rahman, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** June 26, 2008  
**Subject:** Bi-monthly Report #30: June 1, 2008 – June 14, 2008

**CPUC ENVIRONMENTAL MONITOR (EM):** Jody Fessler

CPUC EM, Jody Fessler, was on site Friday, June 13<sup>th</sup>.

**SUBSTATION SITE:**

**Summary of Activity:**

During the week of June 1 through June 7, PG&E electrical crews worked on the installation of wiring in the ground cable trays, installing grounding wire in trenches, and testing for the switchgear enclosure (see Figure 1). Trucks also hauled in fill material throughout the week and started construction of the earthen berm around the substation.

On Monday, June 9, Phase I of the Delta DPA Capacity Increase Substation Project was energized. This means that the substation is now “hot”.

During the week of June 8 through June 14, PG&E electrical crews worked on the installation of buried conduit and the substation ground grid for Phase 2 and Phase 3 of the project (see Figure 2). Crews pulled cables through existing conduit from the main trench cable tray to a pull box at the 12kV line north of the substation. Work also continued on hauling in fill material to build up the earthen berm around the substation site (see Figure 3).

**ACCESS ROAD:**

**Summary of Activity:**

The access road was watered several times a day for dust control. Crews were reminded to keep speed limits to 15 mph and notify the PG&E Environmental Inspector (EI) if snakes were observed on the road.

**STAGING AREAS:**

**Summary of Activity:**

The staging yard/laydown yard on the north side of Sand Creek has been cleaned up and all materials removed from the area. Rolled wattles, silt fencing and wildlife exclusion fencing are still installed around the staging yard. The area is sometimes used to park vehicles and trailers.

**BRIDGE OVER SAND CREEK:**

**Summary of Activity:**

No work has been done on the bridge over Sand Creek. It is complete except for guard rails, which still need to be installed. The CPUC EM noted at the time of the site visit that erosion controls were in place around the creek area and that grass had grown in the area that was previously seeded.



**Environmental Compliance:**

The CPUC EM observed that all work activities were in compliance with the approved Mitigated Negative Declaration and other permit requirements. Escape ramps were placed in excavations to allow wildlife to escape and plywood or trench plates were placed over completed excavations to prevent wildlife from entering. Erosion controls were in place at all of the work areas. Heavy equipment was parked overnight in a designated area within the substation boundaries. Watering of the work area and access road for dust control has been conducted several times daily as needed. The CPUC EM reviewed PG&E EI daily reports and survey reports. Environmental training of crew personnel was on-going as new crew personnel came onto the site.

Nesting raptors have been observed building nests in the area, but do not seem to be disturbed by construction work. These birds will continue to be monitored for disturbance from construction activities.

Two snakes were found at the project site during the subject weeks, one rattlesnake and one gopher snake. Both snakes were relocated outside of the project area.

**NOTICES TO PROCEED (NTP):**

On August 30, 2007, NTP #1 was issued by the CPUC for the PG&E Delta DPA Project. On August 29, 2007, PG&E requested authorization from the CPUC to commence with the civil/structural construction of the PG&E Delta DPA Capacity Increase Substation Project. The Project includes a proposed electric substation site, a new loop segment of an existing 230 kV transmission line, a temporary asphalt road, and a temporary bridge over Sand Creek in eastern Contra Costa County, within the limits of the City of Antioch, California. PG&E requested that NTP #1 include all construction activities related to the access road, bridge, substation, and transmission tower, as well as an extra staging area and a variance to Mitigation Measure CR-1. No additional NTPs are anticipated for the project.

**VARIANCE REQUESTS:**

No Variance Requests were submitted for review during the subject week. Table 1 presents the Variance Requests reviewed and approved by the CPUC for the PG&E Delta DPA Project to date.

**TABLE 1  
VARIANCE REQUESTS**  
(Updated 6-26-08)

Variance #	Date Requested	Date Issued	Description
#1	7-26-07	8-30-07	Request to modify Mitigation Measure CR-1, which requires a 10 foot fenced protective buffer for the site boundary of CA-CCo-682H fronting on the improved access road for the Project. Approved under NTP #1.
#2	8-29-07	8-30-07	Request for a new laydown area south of the proposed access road as it veers southwest towards Sand Creek. Approved under NTP #1.
#3	10-17-07	10-17-07	Request to encroach 5 feet into the cultural buffer zone for the movement of equipment.
#4	10-30-07	10-30-07	Request to extend Sand Creek bridge work until November 3 and road work until November 9 (installation of wildlife exclusion fencing along road) as approved by USFWS. USFWS issuing amended BO that will allow work on access road throughout the winter.

**SUMMARY OF ENVIRONMENTAL COMPLIANCE:**

One Project Memorandum has been issued by the CPUC EM for the project to date. On October 17, 2007, the CPUC EM issued a Project Memorandum for the encroachment of equipment into the cultural buffer zone near the northern bridge foundation on October 15<sup>th</sup>.

No Non-Compliance Reports (NCR) have been issued by the CPUC EM for the project to date.

## PHOTOGRAPHS



**Figure 1** – Electrical cable trays installed in the ground at substation site, June 13, 2008.



**Figure 2** – Bus structures being installed for Phase 2 and 3 at substation site, June 13, 2008.



**Figure 3** – Earthen berm being built up around the outside of the substation, June 13, 2008.