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

**To:** Junaid Rahman, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** July 31, 2008  
**Subject:** Report #32: July 6, 2008 – July 26, 2008

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

CPUC EM Jody Fessler was on site Thursday, July 24<sup>th</sup>.

**SUBSTATION SITE:**

**Summary of Activity:**

Phase I of the Delta DPA Capacity Increase Substation Project was energized June 9<sup>th</sup>.

During the week of July 6 through July 12, crews continued construction of the Phase 2 and Phase 3 bus structures. They erected structural steel support structure and installed switch assemblies, bus tubing, and one of the large breakers. Emmett Valley construction crews continued work on the landscape berms. More than 100 loads of fill were delivered each day to build up the berms.

During the week of July 13 through July 19, crews continued construction of the Phase 2 and Phase 3 bus structures. They braced the structural steel support structure and installed switch assemblies and bus tubing. On Wednesday, two more breakers were delivered to the station and unloaded. During the remainder of the week, crews secured them to their embedded mounts and began connecting their conductors and control cables. Emmett Valley construction crews continued work on the landscape berms throughout the week.

During the week of July 20 through July 26, crews started work on the third bank of the station, erecting the structural steel that will support the buswork. Crews also continued installation of the recently delivered breakers. The second transformer was delivered to the station on Thursday. During the remainder of the week, crews began installing components on the transformer and securing it to the foundation (see Figures 1 and 2). Emmett Valley construction crews completed work on the landscape berm this week without importing additional fill (see Figures 3 and 4). Landscaping of the berm is planned for sometime in August.

**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 was used to store some materials for the bridge over Sand Creek. 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:**

The installation of the guard rails on the bridge over Sand Creek will be schedule for sometime mid-August.

**Environmental Compliance:**

The CPUC EM observed that all work activities were in compliance with the approved Mitigated Negative Declaration and other permit requirements. 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.

The western kingbirds that were nesting on the Phase 1 switch assembly successfully fledged two young sometime during the weekend of July 19<sup>th</sup> and 20<sup>th</sup>.

**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 7-31-08)

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** – View of the substation site looking northwest, June 24, 2008.



**Figure 2** – Phase 2 and 3 at substation site, June 24, 2008.



**Figure 3** – Earthen berm being built up around the outside of the substation, June 24, 2008.



**Figure 4** – Earthen berm being built on the east side of the substation, June 24, 2008.