



5020 Chesebro Road, Suite 200, Agoura Hills, CA 91301-2285
Tel. 818-597-3407, Fax 818-597-8001, www.aspeneg.com

PROJECT MEMORANDUM
SCE BANDUCCI SUBSTATION PROJECT

To: Jensen Uchida, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: April 16, 2018
Subject: Monitoring Report #11: March 11 to April 13, 2018

Introduction

This report provides a summary of the construction and compliance activities associated with Southern California Edison’s (SCE) Banducci Substation Project.

A summary of the Notices to Proceed (NTPs) for construction is provided below (see Table 1). A summary of Temporary Extra Workspace (TEWS) and Minor Project Changes (MPCs) is provided in Table 3.

CPUC Environmental Monitor (EM): Jenny Slaughter was onsite March 29 and April 11 and 12, 2018.

Work Schedule: Construction at the Banducci Substation Site is being conducted Monday-Friday between 7:00 am and 7:00 pm. Telecom work is being conducted Monday-Thursday 7:00 am to 5:00 pm. Occasional work on weekends is occurring.

CPUC NTPs

Table 1 summarizes the NTPs for the Banducci Substation Project.

Table 1 - NTPs
(Updated 04/16/18)

NTP #	Date Requested	Date Issued	Phase	Description
NTP #1	11/22/16	01/19/17	Banducci Substation and Subtransmission	Construction of the Banducci Substation and the associated 69 kV subtransmission features located on Pelliser Road near the town of Tehachapi.
NTP #2	07/31/17	08/31/17	Telecommunications	Telecommunications related components of the Banducci Substation (see MPC #1, Table 2).
NTP #3	02/07/17	03/29/17	12 kV Distribution Getaways and a Portion of the Telecommunication Route #1	Construction of the distribution getaways and a portion of Telecommunication Route #1 along Pelliser and Highline Roads.

Construction & Compliance

Summary of Construction Activity: Please see Exhibit A

Banducci Substation Construction (Civil work 100% complete, Electrical work 90% complete)

1. Construction activities are being performed by Henkels and McCoy (H&M), and Professional Electrical Construction Services, and construction management is being conducted by TRC. Construction activities started on July 26, 2017.
2. Jumper installation continued into the 66 kV rack (see Figure 1).



3. Installation of the substation lighting components began and gate installation occurred.
4. Testing of the electrical components continued.
5. Repair of the damaged transformer radiator was completed.
6. Civil work for final grading and rock installation took place (see Figure 2).
7. Erosion control BMPs were inspected and maintained at the Banducci Substation site. Perimeter sandbags were removed, and soil binder was installed at some locations.
8. Construction crews are trucking in non-potable water for dust control and compaction from an approved hydrant located near Highline Road.

12 kV Distribution Work (97% complete)

9. Tie-in trenching and conduit placement between manholes took place between Pellisier and Highline Roads (see Figure 3). All conduit is in place.
10. Conduit was proofed, and vaults and manholes were cleaned. Vault lids were adjusted to grade and grouted.

66 kV Subtransmission (85% complete)

11. No work occurred during the reporting period.

Telecommunication Upgrades (98% complete)

12. H&M crews began work on Routes 1 and 2 of the Telecommunication work on September 27, 2017. Both telecom routes are essentially complete.
13. Pole replacement along the telecom routes began (see Figure 4). Crews can replace one pole each work day, if weather conditions allow.

Environmental Compliance

1. Minor spills or drips were reported during the subject period.
2. No non-compliance incidents were observed or reported during the subject period.
3. No paleontological monitoring took place during the monitoring period. To date, no paleontological resources have been identified.
4. Biological monitoring is occurring each work day and sweeps are conducted prior to work at each location.
5. Manual street sweeping is taking place as needed along Pellisier Road at the Substation entrance.
6. Traffic control is in place during trenching work along Pellisier Road and during pole replacement work as necessary.
7. Soil stockpiles located inside the Substation were covered to prevent erosion. Other BMPs are maintained as necessary.
8. Excavations and trenches are covered, or wildlife escape ramps are installed after work is completed.
9. Weekly SWPPP inspections are taking place at both the Substation and telecom work sites, and additional inspections are performed prior to and after rain events. Concerns noted during the subject period included items needing secondary containment, maintenance to the construction entrance, perimeter BMP replacement and regrading to prevent run-on, and stabilization of inactive construction areas (soil binder and erosion control blanket) (see Figures 5 and 6).

CPUC Compliance Incidents, Project Memoranda (PMs) and Non-Compliance Reports (NCRs)

Table 2 summarizes the CPUC Incidents, PMs, and NCRs issued to date.

Table 2
CPUC Project Memoranda and Non-Compliance Reports
 (Updated 04/16/18)

Incident/PM/NCR	Regulatory Requirement	Date Issued	Phase	Description
Level B Incident	MM AG-1	07-19-17	Banducci Substation	Crews began construction related activities within 30 days of the notification of agricultural operators.
Level B Incident	MM B-9	07-19-17	Banducci Substation	Construction related activities began without the required nesting bird surveys being conducted.
Level B Incident	CPUC NTP	07-19-17	Banducci Substation	Documentation was not provided to the CPUC prior to construction.
Level B Incident	MMCRP	07-19-17	Banducci Substation	Timely notification of the start of construction was not provided to the CPUC EM.
Level B Incident	MM B-4	02-14-18	12-kV Distribution	Plastic bird-deterrent netting used to cover stored conduit was found along the perimeter of the substation creating an animal entrapment and trash concern.

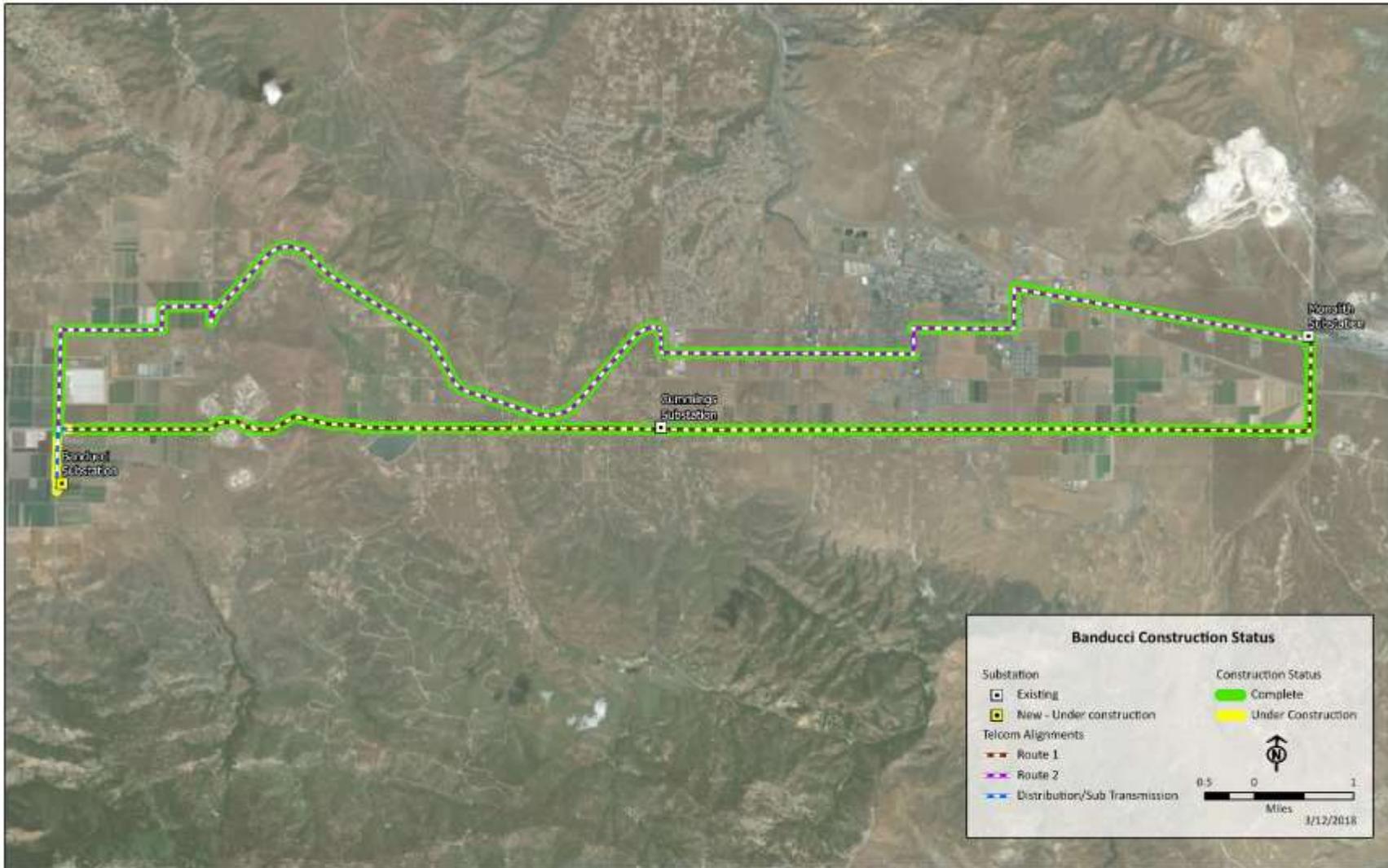
Temporary Extra Workspaces (TEWS) and Minor Project Changes (MPCs)

Table 3 summarizes the TEWS and MPCs for the Banducci Substation Project.

Table 3
Temporary Extra Workspaces (TEWS) & Minor Project Changes (MPCs)
 (Updated 04/16/18)

TEWS / MPC	Date Requested	Date Issued	Phase	Description
TEWS #1	07/20/17	07/24/17	Substation	Use of a non-potable water source located outside of the approved work area.
MPC #1	07/31/17	08/31/17	Telecom	Changes to Telecommunication Routes #1 and #2 (see NTP #2, Table 1).
MPC #2	08/09/17	08/11/17	12 kV	Relocation of 12 kV distribution infrastructure to avoid an existing, unmarked utility.
MPC #3	08/21/17	08/25/17	All	Use of water source approved under TEWS #1 for more than 60 days.
MPC #4	10/25/17	11/09/17	Telecom	Modify Telecom route at S. Curry and Valley due to City road construction moratorium.
MPC #5	03/07/18	Under Review	Substation	Additional temporary and permanent work area around the substation.

Exhibit A – Construction Status



PROJECT PHOTOGRAPHS



Figure 1 – H&M crew installing fencing and jumpers on the 66 kV rack.



Figure 2 – Civil work including final grading and rock placement at the Banducci Substation.



Figure 3 – The final section of 12 kV underground conduit was installed along Pellisier Road.



Figure 4 – H&M crews conducting pole replacement along Highway 202.



Figure 5 – Run-on from adjacent farm land occurred during a storm event. A discrepancy between the elevation of the adjacent farm field and the substation channel feature is being evaluated by SCE to avoid this becoming a continual problem.



Figure 6 – Run-on from the adjacent farming operations. Sediment collected in the perimeter concrete channel.