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PROJECT MEMORANDUM
SCE BANDUCCI SUBSTATION PROJECT

To: Jensen Uchida, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: March 14, 2018
Subject: Monitoring Report #10: February 18 to March 10, 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 8, 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 Saturdays is occurring.

CPUC NTPs

Table 1 summarizes the NTPs for the Banducci Substation Project.

Table 1 - NTPs
(Updated 03/14/18)

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 55% 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. Bus placement into the 12-kV rack took place and jumpers were installed for the 66-kV rack (see Figure 1).
3. Control wiring was installed and tested in the MEER building.
4. Erosion control BMPs were inspected and maintained at the Banducci Substation site.
5. 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 (98% complete)

6. Tie-in trenching and conduit placement between manholes took place between Pellisier and Highline Roads.

66 kV Subtransmission (89% complete)

7. No work occurred during the reporting period.

Telecommunication Upgrades (75% complete)

8. H&M crews began work on Routes 1 and 2 of the Telecommunication work on September 27, 2017.
9. H&M crews completed overhead fiber installation along Highway 202.
10. Telecom underground crews trenched and installed conduit to tie in with overhead sections installed along Highway 202 and Woodford Tehachapi Road (see Figure 2).

Environmental Compliance

1. On February 7, during a final sweep of the work location, the project biologist noted that approximately 135 square feet of fresh ground disturbance was observed outside of the limits of disturbance. The impact occurred from back-dragging while backfilling an adjacent trench. No sensitive resources were impacted, and SCE documented this as a Level 1 incident. Corrective actions were taken, including installation of additional signage and roping off the approved work limits.
2. On February 13, the CPUC EM noted that sections of bird netting used to cover conduit was left on the ground unsecured. On February 14, two sections of bird netting were found caught in the perimeter sand bag berm surrounding the Substation (see Figure 3). The CPUC EM documented this as a Level B compliance incident, because of the threat to wildlife (entrapment) and also for microtrash (see Table 2).
3. No paleontological monitoring took place during the monitoring period. To date, no paleontological resources have been identified.
4. Manual street sweeping is taking place as needed along Pellisier Road at the Substation entrance (see Figure 4).
5. Traffic control is in place during trenching and vault installation along Pellisier Road and Highway 202 as necessary.
6. Soil stockpiles located inside the Substation were covered to prevent erosion. Other BMPs are maintained as necessary.
7. Excavations and trenches are covered, or wildlife escape ramps are installed after work is completed.
8. 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. Minor concerns noted included trash dumpsters needing servicing which was addressed in a timely manner.

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 03/14/18)

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.

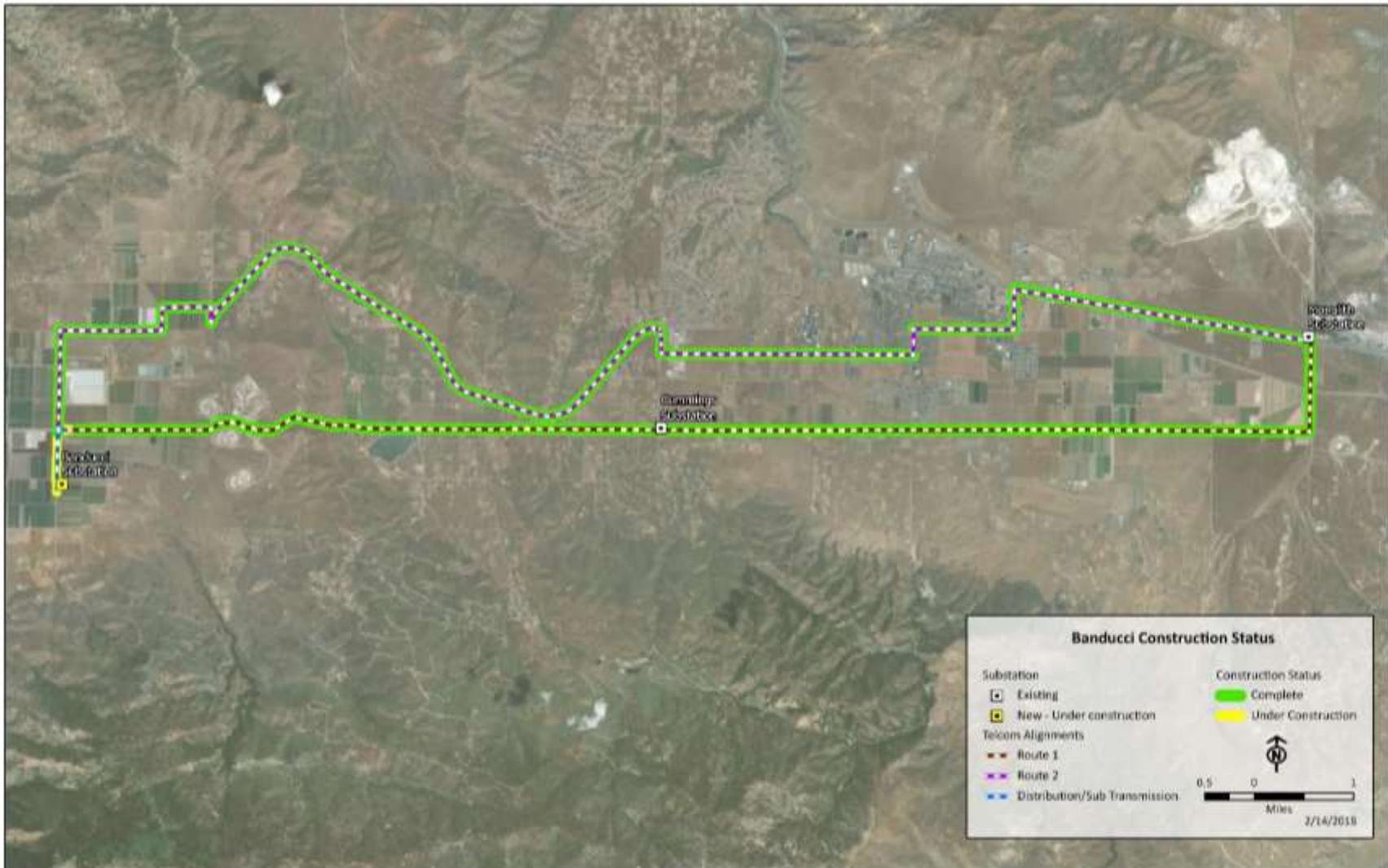
Temporary Extra Workspaces (TEWS) and Minor Project Changes (MPCs)

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

Table 3
Temporary Extra Workspaces (TEWS) & Minor Project Changes (MPCs)
 (Updated 03/14/18)

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 jumpers on the 66 kV rack.



Figure 2 – Telecom underground crews trenching to tie in with overhead sections installed along Highway 202 and Woodford Tehachapi Road.



Figure 3 – Bird netting used to cover ends of conduit was left unsecured and became caught in perimeter sandbag berm causing a microtrash and wildlife entrapment concern, as documented by the CPUC EM on Feb 14.



Figure 4 – Crews using brooms to clean off mud from the Substation entrance.