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PROJECT MEMORANDUM
SCE WEST OF DEVERS UPGRADE PROJECT

To: John Forsythe, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: May 21, 2020
Subject: Monitoring Report #112: May 11 to May 17, 2020

Introduction

This report provides a summary of the construction and compliance activities associated with Southern California Edison’s (SCE) West of Devers (WOD) Upgrade Project. SCE self-performed work (NTPs #2 and #3) is essentially complete with the exception of substation equipment upgrades and minor tie-ins. 220 kV work (NTPs #4 and #5) is approximately 62% complete.

CPUC Environmental Monitor (EM): CPUC EM, Rosina Goodman, was onsite May 11 through 13, and CPUC EM, Jamie Miner, was onsite May 14 and 15, 2020.

CPUC Notices to Proceed (NTPs)

Table 1 summarizes the NTPs with construction for the WOD Upgrade Project. No additional NTPs are required.

Table 1 - NTPs

NTP #	Date Requested	Date Issued	Phase	Description
NTP #1	04/04/17	06/29/17	Material Yards	Construction or use of 10 Material Yards
NTP #2	05/18/17	06/29/17	Substation Upgrades	Upgrades to 5 existing Substations
NTP #3	06/05/17	08/10/17	Distribution, Subtransmission, and Telecom	Construction of the Distribution, Subtransmission, and Telecommunication portions of the Project
NTP #4	07/13/17	09/05/17	Transmission	Transmission Line Construction on private lands
NTP #5	08/07/17	03/29/18	Construction on BLM lands	Transmission Line construction on BLM lands

Construction & Compliance

A summary of construction and compliance activities is provided below by NTP.

Material Yards (NTP #1)

As defined in NTP #1, Project material yards (MY) include:

- Mountain View #1 MY
- Lugonia MY (not being used)
- Grand Terrace MY
- Poultry MY

- San Timoteo MY (not being used)
- Beaumont #1 MY (not being used)
- Beaumont #2 MY
- Matich MY
- Hathaway #2 MY (not being used)
- Devers MY

Summary of Construction Activity

1. For the currently approved MYs, all activities are being performed by the contractor operating out of each respective yard.
2. The Poultry MY is being utilized by Barnard Construction and Power Grade Incorporated as their primary base of operations and material/equipment storage location. Work associated with the Poultry MY included material/equipment deliveries and general yard maintenance throughout the monitoring period. Helicopter operations occurred out of the Poultry MY during the subject monitoring period.
3. The Matich MY is being utilized by Barnard Construction primarily for tubular steel pole (TSP) storage and by Wilson as their primary base of operations and material/equipment storage location. Work associated with the Matich MY included material/equipment deliveries throughout the monitoring period. Helicopter operations occurred out of the Matich MY during the subject monitoring period.
4. The Mountain View #1 MY is being utilized by Abercrombie Services as their primary base of operations for materials/equipment storage, mobilization, and maintenance. BMP maintenance and vegetation trimming activities occurred during the monitoring period.
5. The Beaumont #2 MY is being utilized by CJ/Aldridge Drilling as their primary base of operations for material/equipment storage, mobilization, and maintenance.
6. The Grand Terrace MY is no longer being utilized on the Project. The perimeter fence and all materials and equipment have been removed.
7. The Devers MY is being utilized by CJ/Aldridge, Abercrombie Services, and Power Grade for construction activities on Segment 6 for material/equipment deliveries.

Environmental Compliance

1. There were no SCE self-reported and no CPUC incidents documented for construction activities associated with NTP #1 throughout the monitoring period.
2. There were no SWPPP maintenance item and no corrective actions associated with NTP #1 recorded during the monitoring period. To date, there are no open SWPPP maintenance or corrective actions associated with NTP #1.
3. There were no reportable (> 1 gallon) or non-reportable (< 1 gallon) spills associated with NTP #1 identified during the monitoring period.
4. As of the end of the monitoring period, there are two active nests at locations associated with NTP #1 during the monitoring period. These include two house finch nests at the Matich MY. If required, nest management, including establishment of buffers and the removal of inactive non-special-status bird species' nests, is being implemented per the requirements of the Project Nesting Bird Management Plan (NBMP). There were no nest buffer reduction submissions associated with NTP #1 during the subject reporting period. No nests were removed during the subject reporting period.

5. No special-status species were observed or identified at locations associated with NTP #1 during the monitoring period.

Substations (NTP #2)

Five substations are identified for improvements in NTP #2. These include:

- Etiwanda Substation
- San Bernardino Substation
- Vista Substation
- El Casco Substation
- Devers Substation

Summary of Construction Activity

1. For the currently approved substation components, all work is being managed by Circle Wood Services with construction support from TTR Substations, Roberson Waite, Cunningham-Davis, and SCE crews. Wire stringing connections and wreck-out activities between the project alignment and locations within the substations are being performed by Abercrombie Services.
2. No construction activities occurred at the El Casco, Devers, or San Bernardino substations. Construction activities at the Etiwanda and Vista substations are complete.

Environmental Compliance

1. There were no SCE self-reported and no CPUC incidents documented for construction activities associated with NTP #2 throughout the monitoring period.
2. There were no SWPPP maintenance items or corrective actions associated with NTP #2 recorded during the monitoring period. To date, there are no open SWPPP maintenance or corrective actions associated with NTP #2.
3. There were no reportable (>1 gallon) or non-reportable (<1 gallon) spills associated with NTP #2 identified during the monitoring period.
4. As of the end of the monitoring period, there are four active nests located within work areas associated with NTP #2. These include Cassin's kingbird, red-tailed hawk, and common raven. If required, nest management, including establishment of buffers and the removal of inactive non-special-status bird species' nests, is being implemented per the requirements of the Project NBMP. There were no nest buffer reduction submissions associated with NTP #2 during the subject reporting period. No nests were removed during the subject reporting period.
5. No new special status species were observed or identified at locations associated with NTP #2 during the monitoring period.

Distribution, Subtransmission, and Telecommunication Work (NTP #3)

NTP #3 included distribution, subtransmission, and telecommunication improvements as presented below. These construction activities have been essentially completed, with minor follow up required in response to Project activities.

Distribution improvements included the following:

- Dental 12-kV Distribution Circuit (Dental Circuit)
- Intern 12-kV Distribution Circuit Underbuild (Intern Circuit)

- Reconductor on Juanita Street (Juanita Reconductor)

Subtransmission improvements included the following:

- Removal of San Bernardino–Redlands-Timoteo and the San Bernardino–Redlands-Tennessee 66-kV Lines (Timoteo-Tennessee Removal)
- Relocation of San Bernardino–Redlands-Timoteo 66-kV Lines (Timoteo Relocation)
- Relocation of San Bernardino–Redlands-Tennessee 66-kV Lines (Tennessee Relocation)

Telecommunication improvements included the following:

- San Bernardino Substation Connection to Redlands Inland Empire District Office (San Bernardino Connection)
- Timoteo-Redlands District Office Fiber Optic Cable Connection (Timoteo-Redlands Connection)
- El Casco Substation Connection to Vista Moreno OPGW (El Casco Connection), Segment 3
- Maraschino Substation Connection to Devers-Valley OPGW (Maraschino Connection)
- El Casco–Banning Connection to Devers-Vista Skywrap (El Casco–Banning Connection), Segment 4
- Banning Substation Connection to Devers-Valley OPGW (Banning Connection), Segment 6

Summary of Construction Activity

1. For the currently approved subtransmission and distribution components, construction activities are being performed by Abercrombie Services and SCE crews. No construction activities associated with NTP #3 occurred during the monitoring period.
2. As summarized below, construction of the NTP #3 primary components is essentially complete with the exception of minor tie-ins.
 - For distribution components, all 19 12-kV poles have been framed, all 12 12-kV underground vaults have been installed, and 7,430 feet of 7,430 feet of 12-kV duct bank (conduit) and 10,760 feet of 10,760 feet of 12-kV conductor wire has been installed.
 - For subtransmission components, 119 of 119 66-kV light weight TSPs have been erected, 19 of 19 TSPs have been erected, and 25,610 feet of 25,610 feet of 66-kV wire has been installed. Both the Timoteo and Tennessee circuits have been energized. Wreck-out of the existing subtransmission infrastructure has been completed.

Environmental Compliance

1. There were no SCE self-reported or CPUC incidents documented for construction activities associated with NTP #3 throughout the monitoring period.
2. There were no SWPPP maintenance items or corrective actions associated with NTP #3 recorded during the monitoring period. To date, there are no open SWPPP maintenance items or corrective actions associated with NTP #3.
3. There were no reportable (>1 gallon) or non-reportable (<1 gallon) spills associated with NTP #3 identified during the monitoring period.
4. As of the end of the monitoring period, there is one active nest (golden eagle) nest located within work areas associated with NTP #3 for which the required buffer has been established; however, no work is planned for the area. If required, nest management, including establishment of buffers and

the removal of inactive non-special-status bird species' nests is being implemented per the requirements of the Project NBMP. There were no nest buffer reduction submissions associated with NTP #3 during the subject reporting period. No nests were removed during the subject reporting period.

5. No special-status species were observed or identified at locations associated with NTP #3 during the monitoring period.

Transmission Work (NTP #4)

NTP #4 includes six transmission line segments, identified as Segments 1 through 6, generally moving from west to east.

Summary of Construction Activity

1. For the currently approved transmission components, Power Grade Incorporated is conducting access road maintenance/stabilization, BMP installation, vegetation removal, and site grading. CJ/Aldridge Drilling is performing foundation work. Abercrombie Services is assembling and erecting new towers, and conducting wire operations with support from Summit Helicopters. Wilson Construction is conducting wire removal operations. Cunningham Davis Corporation is removing existing towers and foundations. Ancillary telecommunication work approved in NTP #4 is being performed by SCE crews.
2. Work activities associated with Segment 1 included: Tower assembly at Construction Areas 1X22, 1X23, and 1X26 (see Photo 1); installed climbing discouragers at Construction Areas 1X03 through 1X06, 1X08, and 1X13; and wire stringing activities at Construction Areas 1X03 through 1X28.
3. Work activities associated with Segment 2 included: Installing MAC drains at Construction Area 2N25; hydroseed watering at Construction Area 2N32; BMP maintenance at Construction Areas 2N22, 2N23, 2N29, and 2N30; bird nest deterrent removal (balls) at Construction Areas 2N02, 2N04, 2N06, 2N07, 2N08, 2N10, 2N11, 2N12, 2N18, 2N20, 2N21, 2N22, 2N23, 2N25, 2N26, 2N28, and 2N29; access road maintenance from Construction Area 2N25 to 2N26; foundation punch-list item activities at Construction Areas 2N22 and 2N25; and use of Construction Area 2N04 as a helicopter landing zone.
4. Work activities associated with Segment 3 included: Grading at Construction Areas 3X25, 3X28, 3X32, and 3X33; vegetation clearing and grading at Construction Areas 3X23, M37-T3, and 3X38 (see Photo 2); wire wreck-out activities (ground and helicopter) at Construction Areas M36-T1, 3X48, and WSS-3-3X50-MPR-34; tower wreck-out activities at Construction Areas 3X37, 3X38, 3X40, 3X42, and 3X50; access road maintenance between Construction Areas 3S04 and 3S06 and from Redlands Boulevard to Construction Area 3X31; BMP maintenance at Construction Areas 3X37 through 3X44, 3X46, 3X48, 3X50, 3X51, 3X53, M37-T3, and 3X55 through 3X62; installing marker balls (helicopter) at Construction Area 3X65; snub pole installation at Construction Area WSS-3X29-MPR-23, 3X29, and WSS-3-3X50-MPR-34; installing guy wires at Construction Area 3X06-07; de-clipping towers at Construction Areas 3X23, 3X51, M37-T3, 3X59, 3X61, 3X63, and 3X65; guard structure installation at Construction Area GS-3X44-3X46, and GS-3-3X59-MPR-23; hydroseed watering at Construction Areas 3N03, 3N04, 3X10, 3X12, 3X14, 3X17, 3X20 through 3X27, 3X33, 3X37, 3X40, and 3X43; and use of Construction Area 3X50 as a helicopter landing zone.
5. Work associated with Segment 4 (including Construction Areas 4X12 and 4X13 within Morongo Lands as reported by SCE) included: Vegetation clearing, grading and exporting soil from Construction Areas 4X55 and WSS-4-4X46-MPR-32; tower wreck-out at Construction Areas 4X06, 4X23, 4X24 through 4X26, 4X46, and 4X48; foundation activities at Construction Areas 4X37, 4X41, 4X42, 4X44, 4X50, 4X52, and 4X55 (see Photo 3); tower assembly at Construction Areas 4X01 through 4X04, 4X13, 4X23, 4X24 through 4X29, and 4X34 through 4X39; backfilling and grading at drainage crossing on access road to Construction Area 4X04; spreading spoils and access road maintenance at Construction Areas

4X51 through 4X58; snub pole removal at Construction Areas WSS-4-4X44-1-MPR-32 and 4X44-1; and hand weeding at Construction Areas 4N59, 4N62, and 4N63 (see Photo 4).

6. Work associated with Segment 5 (including sites within Morongo lands as reported by SCE) included: Tower wreck-out activities at Construction Areas 5X19, M76-T4, 5X23, M72-T3, M12T2-M72T2, M15-T4, 5X46, 5X48, 5X49, M76-T4, WSS-5X52-5X54, and M75-T2; tower assembly at Construction Area 5X54; and wire pulling activities (ground and helicopter) at Construction Areas WSS-5X31-5X32 and 5X34 through 5X54.
7. Work associated with Segment 6 (non-BLM lands) included: Vegetation clearing and grading at Construction Areas GS-6N27-6N28-2 and GS-6N27-6N28-3 (see Photo 5); removing snub poles and anchors at Construction Area 6X11 (see Photo 6); guard structure erection activities at Construction Areas GS-6N27-6N28-3 and GS-6N27-6N28-2; and foundation punch-list repairs at Construction Area 6S29.
8. 220 kV construction updates from SCE are being provided on a bi-weekly basis. The next update will be provided on May 26. As of May 12, construction progress associated with NTP #4 is as follows:
 - Grading for foundation installation has been completed at 469 of 469 sites.
 - Foundations are completed for 373 of 386 lattice towers and 79 of 83 TSPs.
 - Erection of 234 of 386 lattice towers and 64 of 83 TSPs have been completed.
 - Erection of 65 of 94 temporary shoofly locations has been completed.
 - Stringing of approximately 3.7 of 8.0 circuit miles of shoofly conductor, 77.4 of 184.0 circuit miles of mainline conductor, and 35.03 of 99.0 circuit miles of OPGW fiber has been completed.
 - Demolition of 220 of 602 existing structures and 163 of 415 existing foundations has been completed.
 - Wire wreck-out has been completed along 64.99 circuit miles of 184.
 - 25 of 304 sites have been restored and hydroseeded.
9. The first required outages (Project Move 1 and Project Move 2) were completed in 2018. Project Moves 3 and 4 were completed in 2019. Move 5 in Segments 1, 2, 5, and 6 began on August 5, 2019 and was completed January 15, 2020. Move 6 in Segment 2 began on October 14, 2019 and was completed on February 14, 2020. Move 7 in Segment 1 began on February 24, 2020 and was completed on March 18, 2020. Move 8, in all segments except Segment 2, began on March 9, 2020 and is expected to be completed by August 14, 2020.

Environmental Compliance

1. On May 11, the CPUC EM observed tower assembly at Construction Area 4X24 within 150 feet of an active common raven nest. Upon review of Collector data, the common raven nest showed a buffer of only 40 feet. A nest buffer reduction had been previously submitted by SCE on April 16, 2020 from 150 feet to 40 feet for wreck-out and wire stringing activities with a duration of 10 days. The request did not include tower assembly and had expired on April 26, 2020. The CPUC EM spoke to the Avian Lead about the issue and he stated it was a miscommunication and tower assembly activities would be added to the nest buffer reduction. The CPUC EM issued a Level 1 incident report as The Nesting Bird Management Plan states "once project activity is complete; the buffer will revert back to the original established buffer".

2. There was one SCE self-reported incident and two observations reported during the subject monitoring period. The SCE self-reported incident is described above as the CPUC Level 1 incident on May 11 for tower assembly at Construction Area 4X24 within an active nest buffer. On May 14, SCE responded that in addition to continued coordination between the Avian Lead and the contractor's Environmental Manager, additional support biologists will be employed to assist in tracking nest buffer reductions and field leads and biological monitors will review nest buffer reduction information. The two observations were for non-project related construction activities on the right-of-way.
3. There was one reportable (>1 gallon) and one non-reportable (<1 gallon) spills associated with NTP #4 identified during the monitoring period. On May 11, an equipment operator noticed a leak from the hydraulic hose at Construction Area 1X06, shut down the equipment and placed a drip pan under the leak. Impacted soils were placed in a spill kit and hauled to the Poultry MY for disposal at an SCE approved waste facility. On May 14, a slip tank fuel cap that hadn't been installed securely came loose when the pickup truck passed over the shaker plates installed at the stabilized entrance to Palmer Avenue on Segment 4. A crew member noticed the smell of diesel fuel and immediately stopped to assess the situation. Impacted gravel and soils, absorbent material, and absorbent pads used to clean up fuel from the bed of the pickup truck were placed into a spill kit and hauled to the Beaumont 2 MY for disposal at an SCE approved waste facility.
4. There were no SWPPP maintenance items associated with NTP #4 recorded during the monitoring period. To date, there are no open SWPPP maintenance items or corrective actions associated with NTP #4.
5. Meetings to review helicopter flight tracks with SCE generally occur every two weeks. Flight tracks are reviewed to monitor compliance with local jurisdiction construction work hours and sensitive receptor avoidance, including residences, schools, and nesting bird avoidance areas. Flight tracks were reviewed on May 14 for the time period between April 29 and May 10 where there were 28 flights. No early starts, late flights, or nest buffer incursions occurred. The next flight track review will take place on May 28.
6. As of the end of the monitoring period, there are 162 active nests associated with NTP #4 during the monitoring period. These nests include barn owl, burrowing owl, Anna's hummingbird, common raven, cactus wren, rock wren, California thrasher, blue grosbeak, greater roadrunner, yellow warbler, blue-gray gnatcatcher, lesser goldfinch, bushtit, house finch, California towhee, spotted towhee, mourning dove, Cassin's kingbird, Brewer's blackbird, house wren, least Bell's vireo, Nuttall's woodpecker, oak titmouse, western-screech owl, white-tailed kite, red-shouldered hawk, and red-tailed hawk. Buffers have been established per the Project NBMP. If required, nest management, including establishment of buffers and the removal of inactive non-special-status bird species' nests is being implemented per the requirements of the Project NBMP. There were seventeen nest buffer reduction submissions associated with NTP #4 during the monitoring period. These include common raven, red-tailed hawk, blue grosbeak, greater roadrunner, cactus wren, and California thrasher. No nests were removed during the subject reporting period.
7. There were three special-status species observed or identified at locations associated with NTP #4 during the monitoring period. These included desert tortoise, white-tailed kite, and red diamondback rattlesnake.
8. There were three new woodrat middens identified on Segment 6. A 10-foot Environmentally Sensitive Area (ESA) avoidance buffer was staked at each midden per the Special-status Small Mammals Avoidance and Minimization Plan. There were no woodrat midden relocation documented during the monitoring period.
9. SCE provided documentation of FAA filings for the Project on September 17 and September 26, 2018; FAA concurrence will be required prior to tower installation where applicable. Additional information

was provided February 11, 2019. FAA recommended marker balls have been installed on the shoofly spans near El Casco Substation; from Construction Area 2N01 to 2N04, and 2N12 to 2N14 on Segment 2; and from Construction Area 6S27 to 6S28 on Segment 6. FAA lighting was installed at Construction Area 2N02.

Transmission Work BLM Lands (NTP #5)

NTP #5 includes the portion of one transmission line segment, identified as Segment 6, which traverses properties managed by the Bureau of Land Management (BLM). NTP #5 was approved by BLM on March 29, 2018. The preconstruction compliance package for BLM lands was deemed acceptable by BLM on February 5, 2019.

Summary of Construction Activity

1. For the currently approved transmission components, Power Grade Incorporated is conducting access road maintenance/stabilization, BMP installation, vegetation removal, and site grading. CJ/Aldridge Drilling is performing foundation work. Abercrombie Services is assembling and erecting new towers, and conducting wire operations with support from Summit Helicopters. Wilson Construction is conducting wire wreck-out activities. Cunningham Davis Corporation is removing existing towers and foundations.
2. No work activities associated with Segment 6 (BLM lands) occurred during the subject monitoring period.

Environmental Compliance

See NTP #4 discussion above for environmental compliance activities.

Temporary Extra Workspaces (TEWS) and Minor Project Refinements (MPRs)

No TEWS or MPRs was approved during the subject monitoring period. Table 2 summarizes the TEWS and MPRs for the WOD Upgrade Project to date.

Table 2 – TEWS & MPRs
(Updated 05/21/20)

TEWS / MPR	Date Requested	Date Issued	Phase	Description
Temporary Extra Workspaces (TEWS)				
TEWS #1	10-12-17	10-19-17	Maraschino Connection	Access to Beaumont Cherry Valley District water hydrant meter located near the intersection of Highland Springs Avenue and Crooked Creek, Beaumont.
TEWS #2	11-13-17	11-21-17	El Casco–Banning Connection	Water source on Oak Valley Boulevard.
TEWS #3	12-15-17	12-15-17	Banning Connection	Access to existing poles off of Lincoln Street.
TEWS #4	12-18-17	12-18-17	Banning Connection	Access to existing poles off of Wesley Street.
TEWS #5	12-20-17	12-21-17	Banning Connection	Access to existing poles at intersection of Wesley Street and Old Idyllwild Road.
TEWS #6	6-13-18	6-13-18	Timoteo Relocation	Extra workspace to facilitate erection of TSP #4696058 at intersection of Redlands Boulevard and Bryn Mawr Street.

TEWS / MPR	Date Requested	Date Issued	Phase	Description
TEWS #7	7-27-18	7-30-18	Timoteo Relocation	Extra workspace to facilitate wire pulling activities along Research Drive and Almond Avenue.
TEWS #8	8-27-18	8-28-18	Dental/Intern Circuits	DENIED AND RESCINDED – Extra workspace to facilitate construction along Mission Road.
TEWS #9	10-18-18	10-19-18	Timoteo Relocation	Extra workspace for walking path at Bryn Mawr and I-10.
TEWS #10	11-05-18	11-05-18	Timoteo Relocation	Extra workspace along Barton and Mountain View Roads for cutover operations.
TEWS #11	01-30-19	01-31-19	Timoteo Relocation	Extra workspace to facilitate the removal of fiber optic cable from overhead poles north along Mountain View Avenue and east along Redlands Boulevard.
TEWS #12	02-06-19	02-07-19	Timoteo Relocation	Extra workspace along Mountain View Avenue for subtransmission pole removal.
TEWS #13	02-26-19	02-26-19	Segment 3	Temporary access road detour for vehicle and equipment travel to/from San Timoteo Canyon Road and Tower Site 3X41.
TEWS #14	05-13-19	05-14-19	Banning Connection	Extra workspace along the east side of south Alola Street, City of Banning.
TEWS #15	05-16-19	05-17-19	Segment 1	HLZ and temporary staging area for construction vehicles, materials, and equipment.
TEWS #16	07-24-19	07-24-19	Segment 2	Concrete V-ditch south of 3012 Prado Lane, accessible from approved access roads to Construction Area 2X18.
TEWS #17	08-07-19	08-07-19	Segment 6	Access road for guard pole installation near Construction Area 6S15.
TEWS #18	08-16-19	08-16-19	Segment 6	Helicopter landing zone and temporary staging area for construction vehicles, materials, and equipment.
TEWS #19	09-05-19	09-05-19	Segment 5	Mobile guard structure on an existing road to Construction Area SF501 for wire stringing activities.
TEWS #20	09-27-19	09-30-19	Segment 6	Mobile guard structure on existing access road to Construction Areas 6S20 and 6S21 for wire stringing activities.
TEWS #21	12-11-19	12-12-19	Etiwanda Substation	Extra workspace within the existing concrete switchrack trench inside the active substation.
TEWS #22	01-31-20	01-31-20	Segment 2	Extra workspace adjacent to Construction Area 2N35 for staging and operating a wire puller.
TEWS #23	03-11-20	03-12-20	Segment 6	Access road near 6N38 for guard structure.
TEWS #24	03-17-20	03-17-20	Segment 5	Extra workspace for staging wire stringing equipment.
TEWS #25	04-08-20	04-08-20	Segment 4	Extra workspace for guard structure near Construction Area 4X25.
Minor Project Refinements (MPRs)				
MPR #1	11-17-17	11-22-17	Maraschino Connection	Revisions to the amount of new underground telecom construction.
MPR #2	12-13-17	12-15-17	Maraschino Connection	Addition of two vault work areas on Highland Springs Road.
MPR #3	12-21-17	12-28-17	El Casco–Banning Connection	Adjustments to alignment along Oak Valley Parkway.

TEWS / MPR	Date Requested	Date Issued	Phase	Description
MPR #4	12-27-17	1-3-18	Maraschino/ El Casco– Banning Connections	Continued use of two fire hydrants previously approved as TEWS #1 and TEWS #2.
MPR #5	1-16-18	1-22-18	Banning Connection	Continued use of access routes described in TEWS #3, 4, and 5 and temporary access paths through private property along Coyote Trail.
MPR #6	2-8-18	2-12-18	Project-wide	Use of 10 water sources to support construction activities.
MPR #7	2-23-18	2-28-18	Poultry MY	Temporary water and electrical supply to yard.
MPR #8	2-27-18	3-2-18	El Casco Connection/ Segment 1	New telecom splice location and single new steel pole installation.
MPR #9	3-26-18	3-27-18	El Casco Connection	Telecom work areas along El Casco Substation access road.
MPR #10	4-6-18	4-9-18	Mountain View #1 MY/All subtrans	Additional workspaces at Mountain View #1 MY entry and at subtransmission improvements work areas.
MPR #11	5-4-18	5-8-18	Tennessee Relocation	Relocation of 5 subtransmission structures from the east side to the west side of Nevada Street.
MPR #12	5-14-18	5-16-18	Timoteo Relocation	Additional workspace for TSP erection at Bryn Mawr Avenue and Interstate 10.
MPR #13	5-23-18	5-25-18	Project-wide	Addition of encased fire hose to O'Grady Court water source and use of 17 water sources to support construction activities.
MPR #14	5-24-18	5-31-18	Timoteo/ Tennessee Relocations	Location shift of 3 TSPs and 1 vault location.
MPR #15	5-31-18	6-4-18	Poultry MY	Paving of access road and trailer complex area.
MPR #16	6-11-18	6-13-18	Banning Connection	Shift of horizontal directional drilling (HDD) alignment through Smith Creek and addition of walking paths along Coyote Trail.
MPR #17	6-20-18	6-22-18	Dental Circuit/ Tennessee Relocation	Additional workspace along Mission Road, Lugonia Avenue, and Nevada Street.
MPR #18	8-3-18	8-7-18	Timoteo Relocation/ Beaumont #2 MY	Expansion of vault installation work area off Mountain View Avenue and new water source near Beaumont #2 MY.
MPR #19	8-13-18	8-20-18	Segment 4	Additional workspace requests at Sites 4N58, 4N59, and 4N64.
MPR #20	8-21-18	8-27-18	Banning Connection	Use of unpaved access road west of Smith Creek.
MPR #21	10-4-18	10-10-18	Project-wide/ Segments 3&4	Use of 6 water sources, installation of water tank, use of access road, and expansion of WSS.
MPR #22	11-19-18	11-20-18	Subtrans and Telecom	Pole replacement, switch replacement, and shift in underground telecom route.
MPR #23	12-11-18	12-21-18	Transmission	Site 3N32 and Move 3 work areas.
MPR #24	01-15-19	01-28-19	Transmission	Additional Wire Stringing Site in Segment 1.
MPR #25	03-11-19	03-14-10	Transmission	Additional work area west of Supersite 3X55, Segment 3.

TEWS / MPR	Date Requested	Date Issued	Phase	Description
MPR #26	04-02-19	04-04-19	Transmission	Use of Prado Lane access road (Segment 2) and two existing hydrants (Segment 6).
MPR #27	04-30-10	05-01-19	Transmission	Use of two existing hydrants (Segment 1), water tank (Segment 2), and helicopter work area (Segment 3).
MPR #28	05-31-19	06-06-19	Transmission	Extra workspace areas, including helicopter landing zones and access roads, on Segments 1, 2, and 6.
MPR #29	06-27-19	07-03-19	Transmission	Extra workspace areas for equipment/material staging, wire stringing, and telecom work, on Segments 3, 4, and 6.
MPR #30	08-01-19	08-06-19	Subtrans and Telecom	Additional workspaces for Maraschino and Devers Telecom Cable Removals, Segments 4 and 6.
MPR #31	10-2-19	10-08-19	Transmission	Extra temporary work areas for wire stringing on Segment 2 and use of an existing access road on Segment 4.
MPR #32	11-18-19	12-03-19	Transmission	Additional work areas for Segments 4 and 6 construction activities.
MPR #33	01-08-20	01-09-20	Transmission	Installation of platform in existing tower to facilitate RTHA nest relocation.
MPR #34	02-19-20	03-02-20	Transmission	Additional Move 8 work areas and access road to the Match MY.
MPR #35	04-14-20	04-15-20	Transmission	Additional Move 8 work areas on Segments 2, 4, and 6.
MPR #36	05-06-20	05-08-20	Transmission	Additional guard structure work area on Segment 6.

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

One Incident and no PMs or NCRs were issued by the CPUC EMs during the subject reporting period. Table 3 summarizes the CPUC Incidents, PMs, and NCRs issued to date.

Table 3
CPUC Incidents, Project Memoranda, and Non-Compliance Reports
(Updated 05/21/20)

Incident/ PM/NCR	Regulatory Requirement	Date Issued	Phase	Description
Level 1 Incident	Traffic Control Plan	01-30-18	Banning Connection	Traffic control was set up in such a way that diverted flow into active work area and deviated from approved Traffic Control Plan.
Level 1 Incident	MM WIL-1b	04-19-18	Timoteo/ Tennessee Relocation	A portable water tank was observed uncovered for four consecutive days.
Level 1 Incident	MM VEG-1a	5-24-18	El Casco Substation	Equipment was staged outside of approved disturbance limits for at least 1-2 days.
Level 1 Incident	MM AQ-1a	8-15-18	Banning Connection	Fugitive dust observed from construction activities.
Level 1 Incident	MM WIL-1b	8-15-18	Banning Connection	Use of unapproved access road.
Level 1 Incident	MM WIL-1b	8-15-18	Banning Connection	Use of unapproved staging area.

Incident/ PM/NCR	Regulatory Requirement	Date Issued	Phase	Description
Level 1 Incident	Fire Management Plan	9-18-18	Segment 4	Lack of adequate fire abatement equipment at 3 locations.
Level 1 Incident	Fire Management Plan	9-20-18	Segment 4	Lack of adequate fire abatement equipment
Level 1 Incident	HH-1a	10-17-18	Segment 4	Lack of proper secondary containment for 4 pieces of equipment.
Level 1 Incident	N-1a	10-17-18	Segment 4	Work outside of approved hours
Level 1 Incident	WIL-1b	10-18-18	Grand Terrace MY	Lack of proper covering for pipes between 1.5" to 4"
Level 1 Incident	N-1a	10-18-18	Segment 4	Work outside of approved hours
Level 1 Incident	AQ-1a	10-30-18	Grand Terrace MY	Fugitive Dust Emissions Outside of Property Boundaries at the Grand Terrace Yard.
Level 1 Incident	WIL-1b	01-24-19	Segment 3	Pipes/tubing left open at Sites 3X08 and 3X10.
Level 1 Incident	AQ-1a	02-13-19	Segment 3	Fugitive dust along Segment 3 access road to 3X06.
Level 2 Incident	VEG-3a	02-13-19	Segment 3	Offsite sediment discharge from access road into JD ID 3054.
Level 1 Incident	SWPPP	09-25-19	Segment 6	The disposal of slurry at tower sites in Segment 6.
Level 1 Incident	SWPPP	10-22-19	Devers, Match, and Poultry MY	Improper storage of treated wood poles.
Level 1 Incident	VEG-1c	12-06-19	Segment 2	Materials staged outside of approved work limits just north of M4-T3.
Level 1 Incident	MMCRP	03-16-20	Segment 5	Material and equipment staged outside of approved disturbance areas between Construction Areas 5X28 and 5X29.
Level 1 Incident	WIL-1C	05-11-20	Segment 4	Tower assembly within 150 feet of an active common raven nest and an expired nest buffer reduction at Construction Area 4X24.

PROJECT PHOTOGRAPHS



Photo 1 – Tower assembly at Construction Area 1X23, Segment 1 (May 13, 2020).



Photo 2 – Grading activities at Construction Area 3X23, Segment 3 (May 12, 2020).



Photo 3 – Foundation activities at Construction Area 4X50, Segment 4 (May 15, 2020).



Photo 4 – Hand weeding at Construction Area 4N62 Segment 4 (May 14, 2020).



Photo 5 – Vegetation clearing and grading at Construction Area GS-6N27-6N28-3, Segment 6 (May 12, 2020).



Photo 6 – Snub removal activities at Construction Area 6X11, Segment 6 (May 11, 2020).