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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 20, 2021
Subject: Monitoring Report #161: May 10 to May 16, 2021

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 91% complete with final circuit energization on May 14, 2021. Remaining construction activities include existing structure/wire wreck-out, cathodic protection installation, and restoration.

CPUC Environmental Monitor (EM): CPUC EM, Rosina Goodman, was onsite May 11, 12, and 14, 2021.

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 used to date)
- Grand Terrace MY (as of May 2020, no longer being used)

- Poultry MY
- San Timoteo MY (not used to date)
- Beaumont #1 MY (not used to date)
- Beaumont #2 MY (as of July 2020, no longer being used)
- Matich MY
- Hathaway #2 MY (not used to date)
- 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.
3. The Matich MY is being utilized by Barnard Construction primarily for tubular steel pole (TSP) storage. Wilson and CJ/Aldridge have demobilized from the project and removed their equipment from the MY. Work associated with the Matich MY included general yard maintenance throughout the monitoring period.
4. The Mountain View #1 MY is being utilized by Abercrombie Services for materials/equipment storage, mobilization, and maintenance. Abercrombie has removed approximately 90% of materials and equipment stored at the yard. Work associated with the Mountain View MY included vegetation removal.
5. CJ/Aldridge Drilling demobilization from the Beaumont #2 MY is complete.
6. The Devers MY is being utilized by CJ/Aldridge, Abercrombie Services, and Power Grade for construction activities on Segment 6 and for material/equipment deliveries. Helicopter operations occurred out of the Devers MY during the subject reporting period.
7. Restoration and hydroseeding at the Grand Terrace MY has been completed.

Environmental Compliance

1. There were no SCE self-reported, or CPUC-issued incidents or observations associated with NTP #1 throughout the monitoring period.
2. There were no SWPPP maintenance items or corrective actions associated with NTP #1 were 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 is one active nest (northern mockingbird) at locations associated with NTP #1 during the monitoring period. The buffer has 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 (non-nesting season only), 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.

5. No special-status species were observed 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. Construction activities at the Vista Substation included fiber optic splicing.
3. There were no construction activities at the El Casco, San Bernardino, and Devers substations. Construction activities at the Etiwanda Substation 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 two active nests located within work areas associated with NTP #2. These include 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 (non-nesting season only), is being implemented per the requirements of the Project NBMP. There were no nest buffer reduction submissions associated with NTP #2 for the subject reporting period.
5. No new special status species were observed 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 12-kV duct bank (conduit) and 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 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 are no nests located within work areas associated with NTP #3. If required, nest management, including establishment of buffers and the removal of inactive

non-special-status bird species' nests (non-nesting season only) 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.

5. No special-status species were observed 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 and Wilson Construction have demobilized from the Project. Abercrombie Services is assembling and erecting new towers and conducting wire operations with support from Summit Helicopters. Fiber Network Solutions is performing telecom splicing. Cunningham Davis Corporation and Cold Smoke are removing existing towers and foundations. Hot Line Construction is installing conduit. Ancillary telecommunication work approved in NTP #4 is being performed by SCE crews.
2. Work activities associated with Segment 1 included: Site restoration, foundation compaction, vegetation clearing, soil import, and access road maintenance at Construction Area 1X03; rock placement and grading at Construction Area 1X26; and construction entrance rock removal at the entrance to Construction Area 1X08.
3. Work activities associated with Segment 2 included hand weed removal at Construction Areas 2N07, 2N08, 2N10 (see Photo 1), and 2N11, and fiber testing at Construction Area 2N36-37-38.
4. Work activities associated with Segment 3 included: Tower shearing and foundation wreck-out at Construction Areas 3X38 (see Photo 2), 3X40, and 3X42; tower pad recontouring at Construction Areas 3X62 through 3X65 (see Photo 3); v-ditch installation at Construction Area 3X36; hydroseeding at Construction Area 3S02; and fiber splicing at Construction Areas 3S02 and 3X25.
5. Work associated with Segment 4 (including Construction Areas 4X12 and 4X13 within Morongo Lands as reported by SCE) included: Wire wreck-out activities (ground) at Construction Areas 4X21 (see Photo 4) through 4X29, 4X35, 4X36, 4X38, PP123311, PP123314, PP123323, and PP123324; guard structure installation at Construction Areas GS-4-W-4X38-1-MPR-32 (see Photo 5), GP-4X43-W, and 4X45-4X46; grading, hauling green waste, compaction, and staging at Construction Areas 4X03, PP123352, SWA-4-PP123353-2-MPR-43, SWA-4-PP123352-3-MPR-43, SWA-4-PP123353-4-MPR-46, and SWA-4-PP123353-5-MPR-46 (see Photo 6); fiber optic testing at Construction Area SWA-OakValleyParkwayTelecom-MPR-46; restoration activities at Construction Areas 4N59 through 4N63; and access road maintenance from Construction Area 4X02 through 4X10.
6. Work associated with Segment 5 (including sites within Morongo lands as reported by SCE) included: Wire wreck-out activities (ground and helicopter) at Construction Areas 5X01 through 5X06, 5X10 through 5X18, 5X23, 5X24, M71-T3, and M72-T3; and hydroseed watering at Construction Areas 5X11 through 5X14 and 5X37 through 5X47.
7. Work associated with Segment 6 (non-BLM lands) included: Wire wreck-out activities (ground and helicopter) at Construction Areas 6X42 (see Photo 7) through 6X48, and M7-T3; tower wreck-out at Construction Areas 6N18, 6X21, 6N26, M1-T2, M62-T1 through M62-T4; tower shearing and foundation wreck-out at Construction Areas M0-T4, M61-T1, 6X08 through 6X11; shoofly tower base removal

at Construction Area 6X09-6X10 (see Photo 8); fiber splicing at Construction Area 6X09-6X10; hydroseed watering at Construction Areas 6N16, 6S16, 6N17, 6S17, 6N18, 6S18, 6N19, 6S19, 6X20, 6X21 through 6X24, 6N25, 6S25, 6S26, 6N26, WSS-6-6N26-6N27, 6N27, 6S27, 6S28, 6N28, 6S28A, 6S29, 6S30, 6S30A, 6S32, 6N32, 6S33, 6N34, 6S34, 6S35, 6S36, 6N37, 6S37, 6N38, 6S38, and M62-T2.

8. 220 kV construction updates from SCE are being provided on a bi-weekly basis. The next update will be provided on May 25, 2021. As of May 11, construction progress associated with NTP #4 is as follows:
 - Grading for foundation installation has been completed at 479 of 483 sites.
 - Foundations are completed for 386 of 386 lattice towers and 82 of 82 TSPs.
 - Erection of 386 of 386 lattice towers and 82 of 82 TSPs have been completed.
 - Erection of 76 of 76 temporary shoofly locations has been completed.
 - Stringing of approximately 6.3 of 6.3 circuit miles of shoofly conductor, 184.0 of 184.0 circuit miles of mainline conductor, and 91.0 of 91.0 circuit miles of OPGW fiber has been completed.
 - Demolition of 450 of 602 existing structures and 313 of 415 existing foundations has been completed.
 - Wire wreck-out has been completed along 150.97 circuit miles of 184.0.
 - 184 of 483 sites have been restored and hydroseeded.
 - 151 of 161 MAC Drain installations have been completed.
 - 35 of 35 scour countermeasures have been completed.
 - 9 of 9 soldier pile retaining walls have been completed.
 - 172 of 295 site have been signed off by SCE (final civil engineering).
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 was completed on August 4, 2020. Move 9 in Segments 3 and 6 began on August 8, 2020 and was completed on August 17, 2020. Move 10 in Segments 3, 4, and 5 began on August 24, 2020 and was completed on December 22, 2020. Move 11 in Segment 1 began on January 4, 2021 and was completed on January 20, 2021. Move 12 in Segment 1 began on January 21, 2021 and completed on February 12, 2021. Move 13 in Segments 2 through 4 began on February 13, 2021 and was completed on March 6, 2021. Move 14 in Segments 3, 4, and 6 began on March 8, 2021 and was completed on March 22, 2021. Move 15 began on March 15, 2021 in Segments 4 and 6 and was completed on April 11, 2021. All project moves are complete.

Environmental Compliance

1. There were no SCE self-reported or CPUC issued incidents during the monitoring period and two observations on Segment 6 of non-project related construction activities and a fluid leak from a non-project related vehicle on the right of way.
2. There was one reportable (>1 gallon) and one non-reportable (<1 gallon) spill associated with NTP #4 identified during the monitoring period. On May 10, a hydraulic line failed on the shearing apparatus on equipment at Construction Area 6X09-6X10 causing fluid to spray and run onto the ground. Just over a gallon spilled on the immediate area around the equipment. The crew immediately placed a drip pan and then the spill kit to catch as much fluid as possible. Soil was also used to help contain what had spilled prior to the spill kit and drip pan. Contaminated soil was transported to the Poultry MY for disposal at an approved SCE waste facility. On May 11, hydraulic fluid (approximately one cup) was found leaking from the same equipment at Construction Area 6X09-6X10. The onsite biological

monitor identified the leak during the morning sweep and the crew was informed and immediately cleaned up the spill when they arrived onsite. The soil was transported to the Poultry MY for disposal at an approved SCE waste facility.

3. There were no SWPPP maintenance items or corrective actions 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.
4. 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. On May 13, flight track information was provided, documenting that there were five flights during the period of April 20 through May 5, 2021 and no incursions were noted. The next flight track review will take place on May 27.
5. As of the end of the monitoring period, there are 137 active nests associated with NTP #4 during the monitoring period. These include common raven, bushtit, lesser goldfinch, cactus wren, house finch, house wren, acorn woodpecker, Nuttall's woodpecker, red-winged blackbird, northern mockingbird, cliff swallow, Cassin's kingbird, verdin, California quail, greater roadrunner, white-tailed kite, red-tailed hawk, and burrowing owl. 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 (non-nesting season only) is being implemented per the requirements of the Project NBMP. There were fifteen nest buffer reduction submissions associated with NTP #4 during the subject reporting period. These included common raven, cactus wren, and red-tailed hawk.
6. There were two special-status species observed at locations associated with NTP #4 during the monitoring period. These included Vaux's swift and rosy boa.
7. There were three new woodrat middens documented at locations associated with NTP #4 during the monitoring period on Segment 6. 10-foot Environmentally Sensitive Area (ESA) avoidance buffers were staked per the Special-status Small Mammals Avoidance and Minimization Plan. There were no midden relocations documented during the monitoring period.
8. 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 1W02 to 1W03 on Segment 1; from Construction Area 2N01 to 2N04, and 2N12 to 2N14 on Segment 2; from 2N01 to 3X65 between Segments 2 and 3; from 3X35 to 3X43 on Segment 3; from Construction Area 4X04 to 4X05 and 4X10 to 4X12 on Segment 4; 5X43, from 5N49 to 5N52 and 5N54 to 4N01 on Segments 4 and 5; and from Construction Area 6S27 to 6S28 and 6N27 through 6N31 on Segment 6. FAA lighting was installed at Construction Areas 2N02, 4X10, and 5X43.

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 and Wilson Construction have demobilized from the Project. Abercrombie Services is

assembling and erecting new towers and conducting wire operations with support from Summit Helicopters. Fiber Network Solutions is performing telecom splicing. Cunningham Davis Corporation and Cold Smoke are removing existing towers and foundations.

2. Work activities associated with Segment 6 (BLM lands) during the subject reporting period included Hydroseed watering at Construction Areas 6X21, 6X24, 6N25, 6S25, 6S29, 6S30, 6S30A, 6S31, and 6S31A.

Environmental Compliance

See NTP #4 discussion above for environmental compliance activities.

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

No TEWS or MPRs were 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 05/20/21)

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 #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 / MPR	Date Requested	Date Issued	Phase	Description
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.
TEWS #26	06-26-20	06-26-20	Segment 6	Temporary storage area at Whitewater Rock Company for rubber-tired cranes and equipment over the 4 th of July break.
TEWS #27	09-02-20	09-02-20	Segment 2	Water source on Grand Terrace Road.
TEWS #28	10-27-20	10-27-20	Segment 3	Temporary mobile guard structure locations between 3X25 and 3X27.
TEWS #29	11-22-20	11-23-20	Segment 3	Temporary mobile guard structure location near Construction Area 3X27.
TEWS #30	12-07-20	12-07-20	Segment 3	Temporary mobile guard structure location near Construction Area 3X46.
TEWS #31	04-13-21	04-14-21	Segment 3	Temporary extra work space for telecom work off Oak Valley Parkway in Segment 3.
TEWS #32	04-19-21	04-20-21	Segment 6	Temporary mobile guard structure location on access road between 6N39 and 6N40 in Segment 6.
TEWS #33	04-28-21	04-28-21	Segment 5	Temporary mobile guard structure location on vacant land adjacent to Construction Area 5X29.
TEWS #34	04-28-21	04-28-21	Segment 6	Temporary mobile guard structure location on access road and vacant land in Segment 6.
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.

TEWS / MPR	Date Requested	Date Issued	Phase	Description
MPR #3	12-21-17	12-28-17	El Casco– Banning Connection	Adjustments to alignment along Oak Valley Parkway.
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.

TEWS / MPR	Date Requested	Date Issued	Phase	Description
MPR #24	01-15-19	01-28-19	Transmission	Additional Wire Stringing Site in Segment 1.
MPR #25	03-11-19	03-14-19	Transmission	Additional work area west of Supersite 3X55, Segment 3.
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	04-30-19	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.
MPR #37	06-03-20	06-08-20	Transmission	Scour countermeasures and additional work areas on Segment 6.
MPR #38	06-30-20	07-07-20	Transmission	Additional work areas for material and equipment staging, McCarthy drain installation, and erosion repairs, Segments 2, 3, and 4.
MPR #39	07-21-20	07-23-20	Transmission	Additional work areas for wire stringing and wreck-out activities on Segment 3, 4, and 6.
MPR #40	09-14-20	09-18-20	Transmission	Additional MAC drains on Segments 2 and 3, additional wire stringing work area at Construction Area 4S56, and a fire hydrant on Segment 2.
MPR #41	10-14-20	10-16-20	Transmission	Additional Mac Drain at Construction Area 3X64 on Segment 3.
MPR #42	11-11-20	11-12-20	Transmission	Additional work area for mobile guard structure west of Construction Area 3S03 on Segment 3.
MPR #43	12-17-20	01-04-21	Transmission	McCarthy Drain replacements, retaining wall, and two permanent nest platforms on Segments 2, 3, and 4.
MPR #44	02-16-21	2-17-21	Transmission	Additional temporary work area for material and equipment staging during wire wreck-out activities at Construction Area 3X51 on Segment 3.
MPR #45	03-04-21	3-16-21	Transmission	Additional temporary work area for material and equipment staging during wire wreck-out activities on Segments 3, 4, and 6 and new and relocated McCarthy Drains on Segments 3 and 4.

TEWS / MPR	Date Requested	Date Issued	Phase	Description
MPR #46	04-05-21	04-13-21	Transmission	Additional McCarthy Drains in Segment 3, additional temporary work areas for material and equipment staging during wire wreck-out activities on Segment 4, temporary work area for material and equipment staging during telecommunication work activities on Segment 4, and a request for an exemption from MM VR-3a on Segment 2.
MPR #47	05-13-21	Under Review	Transmission	Additional work area for rip rap in Segment 2, additional temporary work area for materials and equipment staging during wire wreck-out activities on Segment 4, and an exemption to MM VR-3a for the natural rock wall construction for hilfiker walls on Segments 2 and 3.

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

No Incidents, PMs, or NCRs were issued by the CPUC EM 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 05/20/21)

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.
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"

Incident/ PM/NCR	Regulatory Requirement	Date Issued	Phase	Description
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.
Level 1 Incident	WIL-1b	08-06-20	Poultry MY	Several piles of construction pipes were observed uncovered within the Poultry MY.
Level 1 Incident	MMCRP	10-27-20	Segments 3 and 4	Construction vehicles and equipment outside approved construction areas at Construction Area 4X45 and between Construction Areas 3X26 and 3X27.

PROJECT PHOTOGRAPHS



Photo 1 – Hand weed removal at Construction Area 2N10, Segment 2 (May 13, 2021)
(Photo courtesy of SCE).



Photo 2 – Foundation wreck-out activities at Construction Area 3X38, Segment 3
(May 12, 2021).



Photo 3 – Site restoration activities at Construction Area 3X65, Segment 3 (May 11, 2021).



Photo 4 – Wire wreck-out activities at Construction Area 4X21, Segment 4 (May 12, 2021).



Photo 5 – Guard pole installation at Construction Area GS-4-W-4X38-1-MPR-32, Segment 4 (May 14, 2021).



Photo 6 –Vegetation clearing and grading activities at Construction Area SWA-4-PP123353-4-MPR-46, Segment 4 (May 12, 2021).



Photo 7 – Wire wreck-out activities at Construction Area 6X42, Segment 6 (May 11, 2021).



Photo 8 – Shoofly tower base removal at Construction Area 6X09-6X10, Segment 6 (May 14, 2021).