Valley – Ivyglen Subtransmission Project
CPUC Minor Project Refinement Form

Minor project refinements *are strictly limited to changes that will not trigger an additional permit requirement (except local government ministerial permits and associated requirements), do not substantially increase the severity of a previously identified significant impact based on criteria used in the FEIR, create a new significant impact, are located within the geographic boundary of the study area of the FEIR, and that don't conflict with any mitigation measure or applicable law or policy.*

Date Requested: 01/12/2021

Report No.: [CPUC Compliance Manager fills in]

Date Approved: [date CPUC Compliance Manager sends the approved form back to applicant]

Approval Agency: N/A

Anticipated Start Date for Proposed Action: 2/01/2021

Anticipated End Date for Proposed Action: 3/01/2022

Property Owner(s): SCE agreements over private property and Public Right of Way

Location/Milepost: Segment VIG8, west of Ivyglen Substation.

Land Use/Vegetative Cover: Various; as described in attached biological report.

Sensitive Resources: Disturbed Riversidean sage scrub and coast live oaks, as described in attached biological report.

Modification From: ☐ **Permit** ☒ **Plan/Procedure** ☐ **Specification** ☐ **Drawing**

☐ **Mitigation Measure** ☐ **Other:**

Describe the proposed minor Project refinement, including how project refinement deviates from current project and an explanation for why the refinements are necessary:

Proposal for Additional Work Areas and Disturbances:

MPR No. 8 is a proposal for additional work areas and land disturbances that were not included in NTPR-2 but are necessary to construct the Valley-Ivyglen 115 kV Project. Much of the proposed disturbance is outside of the general disturbance area of the VIG Project (Figure 1). The proposed work areas are of the sizes described in Table 2-5 of the FEIR as being necessary to construct the Project components.

The primary activities to be conducted at the proposed work areas include installation of distribution poles and guy anchors, distribution conductor, and distribution apparatus. In addition, the work includes installation of a temporary transformer bank inside the fence line of the Ivyglen Substation. Construction of these components would be accomplished in a manner consistent with the descriptions contained in the following VIG FEIR Sections: 2.4.5.4, 115 kV Structure Construction; and 2.4.5.6, Wire Stringing. Site preparation activities would include vegetation clearing, improvement/construction of access roads and work areas, and installation of Stormwater Pollution Prevention Plan (SWPPP) best management practices (BMPs).

The objective of the work described in this MPR is to provide uninterrupted, safe and reliable power supply to local customers served by distribution circuits connected to Ivyglen Substation, at times when the Fogarty-Ivyglen 115 kV line (i.e., currently the sole source of 115 kV power to the substation) must be taken out of service during construction of the Valley-Ivyglen (VIG) Project. Specifically, as part of the VIG Project, the Fogarty-Ivyglen 115 kV circuit must be taken out of service on two separate occasions in 2021 to allow safe installation of a new circuit breaker and 115 kV position at Ivyglen Substation, and to allow for cutovers to relocate the existing Fogarty-Ivyglen circuit onto new structures to be installed in the VIG Project.

The work described in this MPR would result in a second temporary source of high voltage power into Ivyglen Substation which can be used (upon transformation in the substation to distribution voltage) during limited periods to continue powering the local distribution grid while the Fogarty-Ivyglen line is out of service to support VIG Project work. The duration of Fogarty-Ivyglen outages may be up to five working days in length. The work proposed herein would benefit customers and the local community served by Ivyglen Substations during these required 115 kV outage periods by minimizing or completely avoiding any power shutoffs or requestsfor power usage reductions that could otherwise occur.

To accomplish this objective, SCE proposes in this MPR to route a branch line from a local 33 kV power circuit (known as the Terra Cotta circuit) from a nearby pole line into Ivyglen Substation, which would feed a temporary 33 kV/12 kV transformer bank installed inside the substation fence line. The 12 kV power from this transformer bank would connect to the existing 12 kV bus inside the substation, from which the 12 kV power would flow to the local distribution network served by Ivyglen Substation. SCE considers this approach to be the most reliable and safe means of maintaining 12 kV power to its customers on a temporary basis when 115 kV power is not available to Ivyglen Substation.

Provision of a second source of high voltage power to Ivyglen Substation as described in this MPR is only needed while the new Valley-Ivyglen 115 kV line construction work is ongoing. At the completion of the VIG Project, two sources of 115 kV power will be permanently available as feeds to the Ivyglen Substation; accordingly, at that time there will no longer be a need for the temporary 33 kV branch line into the substation, and it will be removed. This MPR includes both the installation of the temporary 33 kV branch line, and its later removal by February 1, 2022.

Temescal Canyon Road is a County road. Poles and anchors placed on the north side of Temescal Canyon Road would be within the SCE Franchise agreement with the County of Riverside; no additional easement agreements would be necessary. The two north-south spans would overhang private property and would require agreements with the property owner.

Following the completion of all construction, including removal of temporary structures, sites would be restored/reclaimed in accordance with the Project SWPPPs, Project Commitment D, and the VIG Habitat Restoration and Revegetation Plan.

Environmental impact analysis for use of the above-described areas was conducted as part of this MPR and is provided in the attached biological (Attachment A), cultural (Attachment B), and paleontological reports (Attachment C).

Describe the dimensions and area of any additional work areas and land disturbance associated with the proposed refinements. Include/attach photos, maps, or other documentation illustrating the existing conditions in the area:

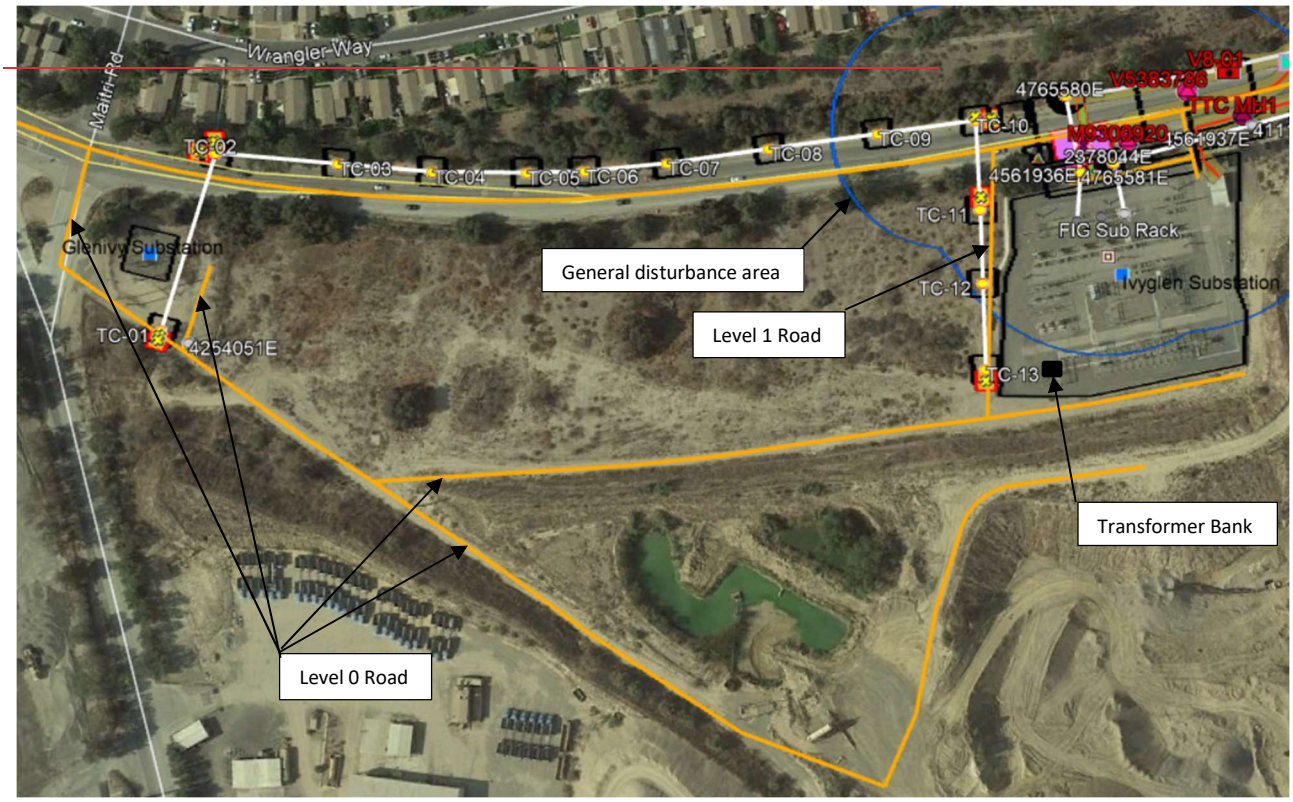
The proposed refinements would result in a net increase of 0.40 acres of temporary disturbance in Segment VIG8. The locations, area, and activities for each proposed refinement are provided in Table 1 and are visually shown in Figure 1.

Table 1: VIG8 Additionally Requested Work Areas

Segment	Pole / Feature Name	Latitude	Longitude	Description	Activity
VIG8	TC-01	33.75996	-117.48130	1,225 square feet of temporary work area for a temporary wood pole.	Installation of a temporary wood pole and conductor.
VIG8	Anchor Site	33.75993	-117.48133	7 feet and 13 feet south of TC-01. 66 square feet of temporary work area for two temporary guy anchors.	Installation of two guy anchors for the stability of TC-01.
VIG8	TC-02	33.76058	-117.48107	1,225 square feet of temporary work area for a temporary wood pole.	Installation of a temporary wood pole and conductor.
VIG8	Anchor Site	33.76059	-117.48114	21 feet west of TC-02. 405 square feet of temporary work area for a temporary guy anchor.	Installation of a guy anchor for the stability of TC-02.
VIG8	Anchor Site	33.76062	-117.48107	15 feet north of TC-02. 230 square feet of temporary work area for a temporary guy anchor.	Installation of a guy anchor for the stability of TC-02.
VIG8	TC-03	33.76055	-117.48055	1,225 square feet of temporary work area for a temporary wood pole.	Installation of a temporary wood pole and conductor.
VIG8	TC-04	33.76052	-117.48016	1,225 square feet of temporary work area for a temporary wood pole.	Installation of a temporary wood pole and conductor.
VIG8	TC-05	33.76052	-117.47976	1,225 square feet of temporary work area for a temporary wood pole.	Installation of a temporary wood pole and conductor.
VIG8	TC-06	33.76053	-117.47951	1,225 square feet of temporary work area for a temporary wood pole.	Installation of a temporary wood pole and conductor.
VIG8	TC-07	33.76055	-117.47916	1,225 square feet of temporary work area for a temporary wood pole.	Installation of a temporary wood pole and conductor.
VIG8	TC-08	33.76061	-117.47873	1,225 square feet of temporary work area for a temporary wood pole.	Installation of a temporary wood pole and conductor.
VIG8	TC-09	33.76066	-117.47826	1,225 square feet of temporary work area for a temporary wood pole.	Installation of a temporary wood pole and conductor.
VIG8	TC-10	33.76071	-117.47785	1,225 square feet of temporary work area for a temporary wood pole.	Installation of a temporary wood pole and conductor.
VIG8	Guy Anchor	33.76072	-117.4779	5 feet north of TC-10. Installation of a temporary guy anchor within the work area for TC-10.	Installation of guy anchor for the stability of TC-10.
VIG8	Anchor Site	33.76071	-117.47778	20 feet east of TC-10. 375 square feet of temporary work area for a temporary guy anchor.	Installation of guy anchor for the stability of TC-10.
VIG8	TC-11	33.76039	-117.47783	1,225 square feet of temporary work area for a temporary wood pole.	Installation of a temporary wood pole and conductor.
VIG8	Anchor Site	33.76044	-117.47783	16 feet north of TC-11. 270 square feet of temporary work area for a temporary guy anchor.	Installation of guy anchor for the stability of TC-11.
VIG8	TC-12	33.76013	-117.47782	1,225 square feet of temporary work area for a temporary wood pole.	Installation of a temporary wood pole and conductor.
VIG8	TC-13	33.75983	-117.47781	1,225 square feet of temporary work area for a temporary wood pole.	Installation of a temporary wood pole and conductor.

VIG8	Anchor Site	33.75978	-117.47781	15 feet south of TC-13. 250 square feet of temporary work area for a temporary guy anchor.	Installation of guy anchor for the stability of TC-13.
VIG8	33 kV/12 kV Transformer Bank	N/A	N/A	Installation of a temporary transformer bank within the previously approved work area of the Ivyglen substation. The transformer bank would be positioned in the southwest corner of the substation within secondary containment comprised of an impermeable membrane and sandbags capable of holding 110% of the oil capacity of the transformer.	Installation of a transformer bank and secondary containment.
VIG8	Access Road	N/A	N/A	3,370 feet of Level 0 access roads between Maitri Road and the southeast corner of Ivyglen Substation.	Roads would provide access to work areas associated with MPR No. 08. Southern access road would be used when measuring line sag and verifying alignment of structures.
VIG8	Access Road	N/A	N/A	240 feet of Level 1 access road for overland travel from TC-13 to TC-12 and TC-11. Travel between TC-11 and TC-10 would be foot traffic only. Vehicles and equipment will not impact drainage.	Access to work areas TC-11 and TC-12.

Figure 1. Proposed Work Areas and Disturbances Associated with MPR No. 08.



Summary of Proposed Land Disturbance:

Newly requested temporary disturbance areas associated with MPR No. 8 are shown in Table 2. The quantity and dimensions of disturbance areas are consistent with what is described in Table 2-5 of the FEIR. Section 2.4.2.1 of the FEIR states that construction of VIG would disturb approximately 633.7 acres of land, including approximately 141.5 acres of permanent disturbance. Total impacts for all VIG NTPRs/MPRs are anticipated to be below the quantities given in the FEIR. If quantities in future NTPRs/MPRs exceed the FEIR, an explanation of significance will be provided.

Table 2: Requested Disturbances Associated with MPR No. 8

Feature	Number of Miles	Temporary Impact Total	Permanent Impact Total
Level 0 Road Improvement	0.64	--	--
Level 1 Road Improvement	0.04	--	--
Temporary Work Areas	--	0.40 ac (17,521 sq ft)	--
Total	**0.68 Miles**	**0.40 ac (17,521 sq ft)**	**0.0 ac (0 sq ft)**

Provide a summary list of applicable Project requirements (e.g., MMs, etc.) for which the refinements are being requested:

No refinements to the Project requirements are being requested. The existing Project requirements would be followed, as applicable, for the newly requested area.

Would the proposed refinements conflict with any of the above-listed MMs or other Project requirements or applicable laws, regulations, or policies?	**No**	**Yes**
Explain proposed refinements consistency/inconsistency with applicable Project requirements below.	☒	☐

The proposed refinements do not conflict with any of the project commitments or mitigation measures listed in FEIR Section 9 Mitigation Monitoring, Compliance, and Reporting Plan.

Would the Proposed Project refinements result in a new impact, or increase the severity of a previously analyzed impact on:	No	Yes
Aesthetics (e.g. damage scenic resources or vistas, degrade the existing visual character of the site and its surroundings, or create sources of light or glare)?	☒	☐

Summary of Proposed Project Refinement Impacts on Aesthetics:

The proposed additional work areas and the work to be conducted are consistent with the descriptions of the types of structures to be installed and disturbances to occur during construction provided in Sections 2.3.1.1, 2.3.1.3, and Table 2-5 of the FEIR.

MPR No. 08 includes the installation of 13 wood poles and 8 guy anchors. The proposed would poles would have a diameter of two feet and would be 40–50 feet tall. When accounting for their direct bury, approximately 32–42 feet of wood pole would extend above ground. The wood poles and electrical conductor would be visible to drivers traveling along Temescal Canyon Road and to some residents in homes on Wrangler Way, north of Temescal Canyon Road. The proposed location is not a scenic vista as described in Section 4.1.1.4 of the FEIR and is not included in the list of key viewpoints of sensitive locations in FEIR Section 4.1.3.3. The project design would minimize the visual distinctness of the line by using non-specular conductor, wood poles that would blend with nearby vegetation, and by limiting vegetation management to trimming rather than removal. The proposed wood pole line is visually similar to two other wood pole lines visible from Temescal Canyon Road at this location and is consistent with the FEIR description of this area in Section 4.1.1.1 as one that "contains wood power poles and associated power lines", as shown in FEIR context photograph CP-2. The proposed refinements would not have a substantial adverse effect to a scenic vista, scenic resources, or to the visual character of the location.

Aesthetic impacts associated with these refinements do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.1.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Agriculture and Forestry (e.g. convert farmland to non-agricultural use, or forest land to non-forest use, or create a conflict with existing agricultural zoning or a Williamson Act)?	☒	☐

Summary of Proposed Project Refinement Impacts on Agriculture and Forestry:

The proposed additional work areas are not located on land designated as farmland or forest. Impacts to agriculture and forestry associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.2.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Air Quality (e.g. violate any air quality standard, or produce criteria air pollutant emissions, or expose sensitive receptors to addition pollutants)?	☒	☐

Summary of Proposed Project Refinement Impacts on Air Quality:

Activities occurring at the proposed locations and the types of equipment used are consistent with the activities described in Sections 2.3.1.1 and 2.3.1.3 of the FEIR. The type and quantity of construction equipment would be the same as identified in NTPR-2; the areas requested do not require the use of additional equipment. Impacts to air quality associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.3.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Biological Resources (e.g. have an adverse effect on sensitive or special-status species; impact riparian, wetland, or any other sensitive habitat; or interfere with the movement of native resident or migratory fish or wildlife)?	☒	☐

Previous Biological Survey Report Reference:

Approximately 0.14 miles of the proposed line route were included in previous biological surveys for the FEIR. The remaining 0.16 miles of the line route and access routes were assessed in November 2020 (Attachment A).

Summary of Proposed Project Refinement Impacts on Biological Resources:

Several aquatic resources that are both jurisdictional and MSHCP Riparian/Riverine resources are within the immediate vicinity of the proposed route. However, the proposed work areas do not overlap with wetlands or waterways and no amendments to the waters permits would be needed.

The proposed line route is not located within the Criteria Area Species Survey Area (CASSA), BUOW survey area, or small mammal survey area, and therefore additional focused surveys are not recommended or required by the MSHCP. However, the proposed route is located within the vicinity of MSHCP Riparian and Riverine resources suitable for LBV. Construction in LBV areas is anticipated to occur outside LBV breeding season that occurs from March 1st through August 31st. Suitable habitat for CAGN is present in the vicinity of the proposed route. The project would implement mitigation measure MM BR-5 to avoid removal of RSS habitat during the CAGN breeding season (February 15th to August 15th).

Several native coast live oak trees are located within the MSHCP Riparian areas along the route. Oak trees are far enough from pole locations that trimming or removal is not anticipated to occur; however, mitigation measure MM BR-6 would be implemented with a certified arborist on site if construction work occurs within the oak protective zone.

Following the completion of all construction, including removal of temporary structures, the work areas would be restored/reclaimed in accordance with the Project SWPPPs, Project Commitment D, and the VIG Habitat Restoration and Revegetation Plan.

The proposed features are outside of the VIG WR-MSHCP Phase 2 certificate of inclusion (COI) coverage area. Based on the guidance provided by the RCA, construction of these features will not require notification and approval by the RCA prior to construction because the work will avoid sensitive resources and take. Additionally, the work does not include permanent impacts, and the overall

disturbance to baseline vegetation of RCA concern does not exceed the acreage proposed in the MSHCP PSE application. The VIG MSHCP PSE application did not include any permanent impacts to MSHCP vegetation of concern and no additional impacts are proposed in MPR No. 8 (Table 3). All temporary impacts to vegetation will be restored in accordance with the HRRP.

Table 3. Permanent Impacts to Segment VIG8 MSHCP Baseline Vegetation

MSHCP PSE Application	0.00 Acres
Currently Proposed Impacts (12/22/20)	0.00 Acres
Change in MSHCP Vegetation Impacts	**0.00 Acres**

MPR No. 8 proposed work areas are covered under the Stephens' kangaroo rat (SKR) Habitat Conservation Plan. Although 0.37 acres of the proposed refinements are outside of the SKR buffer depicted in the Certificate of Inclusion, the Riverside County Habitat Conservation Agency has agreed that SCE may reconcile impacted acreage once the Project has reached final design. SCE would be responsible for identifying acreage not previously included in the COI (such as the acreage proposed here) as well as removing acreage that was included in the COI but not disturbed by construction activities.

The activities described in MPR No. 8 do not create a new significant impact or a substantial increase in the severity of an identified impact listed in Section 4.4.4.2 of the FEIR. Indirect impacts that may occur to sensitive species in the vicinity of the proposed work areas would be mitigated in accordance with the Project Commitments and Mitigation Measures. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Cultural Resources (e.g. cause an adverse change to a significant historical, archeological, paleontological, or tribal resource or disturb any human remains)? ☒ ☐

Summary of Proposed Project Refinement Impacts on Cultural Resources:

The eastern portion of the proposed alignment was included in previous cultural resource surveys. Approximately 0.15 miles of the alignment along Temescal Canyon Road and the connection to Glenivy Substation were not previously surveyed but were assessed on December 3, 2020. Cultural and paleontological resource analyses are included in addendum reports (Attachments B & C). There are no new sensitive archaeological or paleontological resources located at the proposed work areas based on survey results. A previously identified cultural resource is located approximately 590 feet from the proposed tapline. Cultural and tribal monitoring would be conducted in accordance with the CRMTP. The proposed alignment is entirely mapped as low paleontological sensitivity at the surface. Paleontological monitoring and spot checking are not required. Should higher sensitivity or undetermined sensitivity deposits be encountered in the subsurface, paleontological monitoring, spot checking, and fossil recovery would be implemented in accordance with the PRMP. If a resource is found at the site, SCE would comply with the procedures for unanticipated discoveries provided in MMs CR-1b, CR-4, CR-5, CR-7, the CRMTP, and the PRMP. Impacts to cultural resources associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.5.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Geology, Soils, and Seismicity (e.g. expose people or structures to risk of loss, injury, or death involving seismic-related ground failure including liquefaction or landslides, be located on a geologic unit, unstable soil, or expansive soil)?	☒	☐

Summary of Proposed Project Refinement Impacts on Geology, Soils, and Seismicity:
Erosion would be controlled at locations of earth disturbance through the implementation and adherence to the Project linear SWPPP. Following approval of MPR No. 8, the SWPPP would be updated to show the proposed work areas and an SWPPP amendment would be submitted to the Water Board prior to the start of construction. At the completion of all construction, including removal of temporary structures, sites would be restored/reclaimed in accordance with the Project SWPPPs, Project Commitment D, and the VIG Habitat Restoration and Revegetation Plan.

Impacts to geology, soils, and seismicity associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.6.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Greenhouse Gas Emissions (e.g. generate a substantial amount of greenhouse gas [GHG] emissions, conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing emissions or GHGs)?	☒	☐

Summary of Proposed Project Refinement Impacts on Greenhouse Gas Emissions:

Activities occurring at the proposed locations and the types of equipment used are consistent with the activities described in Sections 2.3.1.1 and 2.3.1.3 of the FEIR. The type and quantity of construction equipment would be the same as identified in NTPR-2; the areas requested do not require the use of additional equipment. In compliance with MM AQ-1, NOX and PM emissions from off-road diesel-powered construction equipment would be minimized to the extent feasible by using Tier 4 interim or Tier 4 Standards for equipment with engines greater than 150 horsepower. Per MM AQ-2, daily emissions of equipment would be tracked to ensure NOX emissions stay within the NOX Regional Clean Air Incentive Market Trading Credits (RTCs) purchased for the Project.

Impacts to greenhouse gas emissions associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.7.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Hazards and Hazardous Materials (e.g. create hazards to public or environment through transport, use, disposal, or accident conditions of hazardous materials, be located on a site of hazardous materials, or expose people and structures to loss, injury of death involving wildland fires)?	☒	☐

Summary of Proposed Project Refinement Impacts on Hazards and Hazardous Materials:

Activities occurring at the proposed locations are consistent with the activities described in Sections 2.3.1.1 and 2.3.1.3 of the FEIR. All proposed locations are within the 1,000-foot corridor evaluated for solid waste disposal sites, Cease and Desist Orders, or Cleanup and Abatement orders per Section 4.8.1.1 of the FEIR. Planned ground-disturbing activities include installation and later removal of wood poles and anchors. The positioning of a temporary 33 kV/12 kV transformer bank inside of the Ivyglen substation would require placement within secondary containment. The secondary containment would be comprised of an impermeable membrane and gravel bags and would have a capacity of 110% of the oil capacity of the transformer. The additional oil storage would require updates to the Ivyglen substation Spill Prevention, Control, and Countermeasure (SPCC) and Hazardous Material Business Plan (HMBP) after delivery of the transformer bank.

In the event of an inadvertent discovery of contamination, SCE would follow the procedures in Project's Contaminated Soil and Groundwater Contingency Plan. Proposed work areas in MPR No. 8 are located outside of the High Fire Hazard Zone for fires. Fire danger mitigation would be implemented in accordance with the Project Emergency Action Plan and Fire Control and Emergency Response Plan. Impacts to hazards and hazardous materials associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.8.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Hydrology and Water Quality (e.g. violate water quality standards or discharge waste requirements, alter the existing drainage pattern creating additional sedimentation, runoff water, or polluted runoff, or inundate by seiche, tsunami, or mudflow)?	☒	☐

Summary of Proposed Project Refinement Impacts on Hydrology and Water Quality:

The proposed refinements are located within the Santa Ana Watershed and the Elsinore Groundwater Basin but are outside of the FEMA 100-year flood zone shown in Figure 4.9-4 of the FEIR. The proposed work is consistent with the work described in sections 2.3.1.1 and 2.3.1.3 of the FEIR and would not alter flood flows.

The proposed work areas are located adjacent to and cross over ephemeral and intermittent streams. Erosion that could affect water quality would be controlled at locations of earth disturbance through the implementation and adherence to the Project linear SWPPP. If stained or odorous soil is found during excavating, SCE would follow the procedures in Project's Contaminated Soil and Groundwater Contingency Plan. Dewatering, if necessary, would be performed in accordance with the Project linear SWPPP.

Impacts to hydrology and water quality associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.9.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Land Use and Planning (e.g. physically divide an established community; conflict with a land use plan, policy, or regulation of an agency with jurisdiction over the project, or conflict with a habitat conservation plan)?	☒	☐

Summary of Proposed Project Refinement Impacts on Land Use and Planning:

The land use would remain unchanged at proposed locations where existing poles would be modified or replaced. Installation of new poles and guy anchors is consistent with the activities described in Section 2.3.1.1 and Table 2-1 of the FEIR. Impacts to land use and planning associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.10.4 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Mineral Resources (e.g. result in the loss of known mineral resources of regional and/or state value, or availability of locally-important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan)?	☒	☐

Summary of Proposed Project Refinement Impacts on Mineral Resources:

The proposed work areas are in Mineral Resource Zone (MRZ) 3 indicating a likely but undetermined significant mineral resource. The proposed temporary features would not impact the ability to recover mineral resources in the future, although the proposed work areas occur close to existing roadways, where mineral resource recovery is unlikely to occur.

Impacts to mineral resources associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.6.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Noise and Vibration (e.g. expose sensitive receptors to additional noise or vibration, exposure of persons to or generation of excessive noise, ambient noise, ground-borne noise, or vibration)?	☒	☐

Summary of Proposed Project Refinement Impacts on Noise and Vibration:

Activities occurring at the proposed locations and the types of equipment used are consistent with the activities described in Sections 2.3.1.1 and 2.3.1.3 of the FEIR. Implementation of the Project Noise Control Plan would ensure noise reduction measures are performed as required. Blasting would not occur at any of the proposed work areas.

Impacts to noise and vibration associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.11.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Population and Housing (e.g. directly or indirectly induce substantial population growth in an area, or displace substantial numbers of people or existing housing)?	☒	☐

Summary of Proposed Project Refinement Impacts on Population and Housing:

The proposed refinements would not increase or displace populations. Impacts to population and housing associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.12.4 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Public Services and Utilities (e.g. result in substantial adverse physical impacts on government facilities that provide a public service or cause environmental impacts to service ratios, response times, or other performance objectives to fire protection, sheriff protection, schools, parks, or other public facilities)?	☒	☐

Summary of Proposed Project Refinement Impacts on Public Services and Utilities:

The proposed refinements would not increase the need for or physically alter any public services. Impacts to public services and utilities associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.13.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Recreation (e.g. increase the use of, or cause adverse effects on, existing neighborhood, parks, or other recreational facilities)?	☒	☐

Summary of Proposed Project Refinement Impacts on Recreation:

The proposed refinements would not cause deterioration to any recreational facilities and would not overlap trails or impact their use. Impacts to recreation associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.14.4 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Transportation and Traffic (e.g. increase hazards due to design feature, result in inadequate emergency access, or conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities)?	☒	☐

Summary of Proposed Project Refinement Impacts on Transportation and Traffic:

Activities occurring at the proposed locations are consistent with the activities described in Sections 2.3.1.1 and 2.3.1.3 of the FEIR. The quantity of construction equipment and personnel would be the same as identified in NTPR-2. Adherence to the Project Traffic Management and Control Plan would ensure compliance with traffic-related Project mitigation measures, TT-1, TT-2, and TT-7. The Project would obtain an encroachment permit from Riverside County and implement the necessary traffic control requirements. There would be no change to the access routes identified in the Traffic Management and Control Plan.

Impacts to transportation and traffic associated with this refinement do not create a new significant impact or a substantial increase in the severity of a previously identified impact identified in Section 4.15.4.2 of the FEIR. All applicable avoidance/minimization measures identified in FEIR Chapter 9 Mitigation Monitoring, Compliance, and Reporting Plan would be followed.

Describe any applicable consultation with other governmental agencies conducted for the proposed refinements:

No consultation with other governmental agencies was necessary or conducted for the proposed refinement.

Approvals	Date	Name (print)	Signature	
SCE Project Manager				☐ Reviewed
SCE Environmental Project Manager				☐ Reviewed
CPUC Project Manager				☐ Approved ☐ Approved with conditions (see below) ☐ Denied

For CPUC Compliance Manager Use Only		
☐ **Refinement Approved**	☐ **Refinement Denied**	☐ **Beyond Authority**

Conditions of Approval or Reason for Denial:

Prepared by: **Date:**

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