



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: 03/24/2021

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: 04/19/2021

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

Property Owner(s): SCE franchise and SCE private property agreements.

Location/Milepost: Multiple locations throughout Segments VIG4–VIG8 as described below.

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

Sensitive Resources: Riversidean sage scrub and disturbed Riversidean sage scrub, 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. 12 proposes additional work areas and land disturbances that were not included in NTPR-2 but are necessary to construct the Project work described in Sections 2.3.1.1, 2.3.1.2 and 2.3.1.3 of the FEIR. The proposed work areas are within the general disturbance area of the Valley-Ivyglen 115-kV Project, except as noted in Table 1, and 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 would include installation of poles, guy anchors, conductor, fiber optic cable, and telecommunication and subtransmission vaults. 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; 2.4.5.6, Wire Stringing; and 2.4.7.1, Fiber Optic Line Installation. Site preparation activities would include vegetation clearing, improvement/construction of work areas, and installation of Stormwater Pollution Prevention Plan (SWPPP) best management practices (BMPs).

Following the completion of all construction, 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 decrease of 0.2 acres of temporary disturbance and an increase of 0.007 acres of permanent impacts in Segments VIG4–VIG8. The locations, dimensions, and activities for each proposed refinement are provided in Table 1 and are visually shown in the biological resources maps (Attachment A).

Table 1: VIG4–VIG8 Additionally Requested Work Areas

Segment	Pole / Feature Name	Nearest Structure	Latitude	Longitude	Description	Activity
VIG4	375E	375E	33.69318	-117.3528	30-foot northwest shift of 375E. No change to permanent or temporary impacts.	Installation of the TSP, 375E.
VIG4	Guy Anchor	376E	33.69355	-117.3530	A new guy anchor for a previously approved LWS pole, 376E, within a previously approved work area.	Installation of guy anchor for the stability of 376E.
VIG5	4765617E	483E	33.72850	-117.39321	52 feet northwest of 483E. Installation of a new wood pole, 4765617E, and guy anchor, within a previously approved work area. 3.14 square feet of permanent disturbance.	Installation of a new wood pole, 4765617E, and guy anchor.
VIG5	Guy Anchor	516E	33.73282	-117.41072	72 feet east of 516E. Replacement of an existing wood pole with LWS 4765616E and installation of a new guy anchor. All work within a previously approved work area.	Replacement of a wood pole with LWS 4765616E and installation of guy anchor for the stability of 4765616E.
VIG5	Guy Anchor	517E	33.73278	-117.4118	14 feet southeast of 517E. A new guy anchor for an existing wood pole, 4871310E, within a previously approved work area.	Installation of guy anchor for the stability of 4871310E.
VIG8	6001587	6001587	33.76280	-117.46591	670-foot shift of vault 6001587 to the northwest. A 6,731 square foot decrease of the temporary work area. 3,536 square feet of the temporary work area is outside of the general disturbance area. 119 square feet of permanent disturbance for the vault pad and lid in the roadway median.	Installation of vault 6001587.
VIG8	6001588	6001588	33.76172	-117.46293	960-foot shift of vault 6001588 to the northwest. A 10,280 square foot decrease of the temporary work area. 2,625 square feet of	Installation of vault 6001588.

					the temporary work area is outside of the general disturbance area. 119 square feet of permanent disturbance for the vault pad and lid in the roadway median.	
VIG8	6001589	6001589	33.7595	-117.45951	Installation of new vault, 6001589 within the asphalt roadway. 9,075 square feet of temporary disturbance.	Installation of vault 6001589.
VIG8	5758193	6001588	33.76169	-117.46285	378-foot shift of pullbox 5758193 to the southeast, to the work area of 6001588. 81 square feet of permanent disturbance for the concrete pad in the roadway median.	Installation of pullbox 5758193.
VIG8	5758194	6001589	33.75954	-117.45960	370-foot shift of pullbox 5758194 to the southeast, within the asphalt roadway, and in the work area of 6001589.	Installation of pullbox 5758194.

Summary of Proposed Land Disturbance:

Newly requested temporary and permanent disturbance areas associated with MPR No. 12 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. 12

Feature	Number of Miles	Temporary Impact Total	Permanent Impact Total
Temporary Work Areas	--	-0.2 ac (-7,936 sq ft)	--
Wood Pole, New	--	--	0.00007 ac (3.14 sq ft)
New Subtransmission Vault / Telecommunication pullbox	--	--	0.007 ac (319.0 sq ft)
Total	0.00 Miles	-0.2 ac (-7,936 sq ft)	0.007 ac (322.14 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 will 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
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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)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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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 structures to be installed and disturbances to occur during construction provided in Sections 2.3.1.1, 2.3.1.2, 2.3.1.3, and Table 2-5 of the FEIR. The newly proposed vault in VIG8 will not be visible after installation, except for the vault manhole cover that will be flush with the ground.

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)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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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 additional pollutants)?

Summary of Proposed Project Refinement Impacts on Air Quality:

Activities occurring at the proposed locations and the types of equipment and vehicles used are consistent with the activities described in Sections 2.3.1.1, 2.3.1.2, and 2.3.1.3 of the FEIR. 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:

The proposed work areas were included in previous biological surveys for the FEIR, as described in the biological report (Attachment A).

Summary of Proposed Project Refinement Impacts on Biological Resources:

The work areas do not overlap with wetlands or waterways; no amendments to the waters permits would be needed.

Work areas in VIG5 and VIG8 overlap slightly with disturbed Riversidean sage scrub and Riversidean sage scrub, respectively. In accordance with MM BR-5, removal of Riversidean sage scrub habitat would not occur during the coastal California gnatcatcher breeding season.

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

Portions of the proposed work areas in VIG8 are outside of the WR-MSHCP Phase 2 certificate of inclusion (COI) coverage area. Based on the guidance provided by the RCA, construction of these features would not require notification and approval by the RCA prior to construction because the overall permanent disturbance to baseline vegetation of RCA concern does not exceed the acreage proposed in the MSHCP PSE application. Work areas in the vicinity of 375E in VIG4 are within MSHCP grasslands of concern. The PSE application included 0.26 acres (11,189 square feet) of permanent impacts within grasslands of concern (Table 3) from poles 375E to 384E. Currently proposed permanent impacts, including the shift of pole 375E, would reduce impacts to 0.23 acres (10,197 square feet) of impacts to grasslands of concern (Table 3). No other MPR No. 12 proposed permanent impacts are in areas of baseline vegetation of RCA concern. All temporary impacts to vegetation will be restored in accordance with the HRRP.

Table 3. Permanent Impacts to MSHCP Baseline Grasslands Between Poles 375E and 384E

MSHCP PSE Application	0.26 Acres
Currently Proposed Impacts (MPR No. 12)	0.23 Acres
Reduction in Grassland Impacts	0.03 Acres

MPR No. 12 proposed work areas are covered under the Stephens' kangaroo rat (SKR) Habitat Conservation Plan. Although 0.57 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 will 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. 12 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 proposed refinement areas were included in the cultural and paleontological resource analyses of the addendum reports (Attachments B & C); no supplemental surveys were necessary. There are no new sensitive archaeological or paleontological resources located at the proposed work areas based on survey results. Cultural and tribal monitoring would be conducted in accordance with the CRMTMP. Paleontological monitoring, spot checking, and fossil recovery would be implemented for excavations at the proposed work areas in accordance with the Project's 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 CRMTMP, 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. 12, the SWPPP would be updated to show the proposed work areas. At the completion of all construction, 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, 2.3.1.2, 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, 2.3.1.2, 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 vault and pullbox installation and pole and anchor installation. In the event of an inadvertent discovery, SCE would follow the procedures in Project's Contaminated Soil and Groundwater Contingency Plan. Proposed work areas in MPR No. 12 are located within elevated fire threat areas. 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 refinements within Segments VIG4 and VIG8 are in the Elsinore Groundwater Basin. Some of the proposed work areas are located within a flood zone, as shown in Figure 4.9-4 of the FEIR; however, the proposed work is consistent with the work described in sections 2.3.1.1, 2.3.1.2, and 2.3.1.3 of the FEIR and would not alter flood flows.

Some of the proposed work areas in the vicinity of surface water bodies. A proposed VIG5 work area on Lake street is near the Temescal Wash. Other proposed work areas are near unnamed streams or ephemeral drainages. 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 work locations. Installation of new poles, guy anchors, or vaults 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:

Most of the proposed work areas are in Mineral Resource Zone (MRZ) 3 indicating a likely but undetermined significant mineral resource. The proposed permanent features would impact the ability to recover mineral resources in the future but were included in the description of Project activities in Sections 2.3.1.1, 2.3.1.2, and 2.3.1.3 of the FEIR and are in locations 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, 2.3.1.2, 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, 2.3.1.2, 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. 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.

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Attachment A
Biological Review