

Vine Substation Project

Revised Draft Mitigated Negative Declaration and Supporting Initial Study Checklist

Contents

[Cover](#)

[Title Page](#)

[Table of Contents](#)

[A. Mitigated Negative Declaration](#)

- A.1 Introduction
- A.2 Project Description
- A.3 Alternatives
- A.4 Environmental Determination

B. Initial Study

[B.1 Project Description](#)

- B.1.1 Project Title
- B.1.2 Project Sponsor's Name and Address
- B.1.3 Lead Agency Name and Address
- B.1.4 Lead Agency Contact Person and Phone Number
- B.1.5 Project Location
- B.1.6 Surrounding Land Uses and Setting
- B.1.7 General Plan Designation
- B.1.8 Zoning
- B.1.9 Project Overview
- B.1.10 Project Components
- B.1.11 Project Construction
- B.1.12 Operation and Maintenance
- B.1.13 Applicant-Proposed Measures
- B.1.14 Permits and Approvals

[B.2 Environmental Determination](#)

- B.2.1 Environmental Factors Potentially Affected
- B.2.2 Environmental Determination

[B.3 Initial Study Checklist](#)

- B.3.1 Aesthetics
- B.3.2 Agriculture and Forestry Resources
- B.3.3 Air Quality
- B.3.4 Biological Resources

-
- B.3.5 Cultural Resources
 - B.3.6 Geology and Soils
 - B.3.7 Greenhouse Gas Emissions
 - B.3.8 Hazards and Hazardous Materials
 - B.3.9 Hydrology and Water Quality
 - B.3.10 Land Use and Planning
 - B.3.11 Mineral Resources
 - B.3.12 Noise
 - B.3.13 Population and Housing
 - B.3.14 Public Services
 - B.3.15 Recreation
 - B.3.16 Transportation/Traffic
 - B.3.17 Utilities and Service Systems
 - B.3.18 Mandatory Findings of Significance

C. Mitigation Monitoring Plan

Figures

- [B.1-1 Project Location Map](#)
- [B.1-2 Project Overview Map](#)
- [B.1-3a Detailed Project Components](#)
- [B.1-3b Detailed Project Components](#)
- [B.1-3c Detailed Project Components](#)
- [B.1-3d Detailed Project Components](#)
- [B.1-3e Detailed Project Components](#)
- [B.1-3f Detailed Project Components](#)
- [B.1-3g Detailed Project Components](#)
- [B.1-3h Detailed Project Components](#)
- [B.1-3i Detailed Project Components](#)
- [B.1-3j Detailed Project Components](#)
- [B.1-3k Detailed Project Components](#)
- [B.1-4 Land Use Map](#)
- [B.1-5 Existing System Configuration](#)
- [B.1-6 Proposed System Configuration](#)
- [B.1-7 Vine Substation Initial Arrangement](#)
- [B.1-8 Vine Substation Ultimate Arrangement](#)
- [B.1-9 Vine Substation Profile View](#)
- [B.1-10 Typical 12-kV Underground Duct Bank](#)
- [B.1-11 Typical 12-kV Underground Vault](#)
- [B.1-12 Typical Switch and Capacitor Pad](#)
- [B.1-13 Typical 12-kV Switch](#)
- [B.1-14 Typical 12-kV Capacitor](#)
- [B.1-15 Typical Existing 69-kV Wood Pole](#)
- [B.1-16 Typical Existing Stub Guy Pole](#)
- [B.1-17 Typical Proposed 69-kV Tubular Steel Pole](#)

B.1-18	Typical Telecommunications Underground Duct Bank
B.1-19	Typical Telecommunication Underground Handhole
B.1-20	Typical Underground Construction Process within Roadways
B.1-21	Typical 12-kV Underground Installation Photographs
B.1-22	Typical Type 3327 Vault and Installation Photographs
B.1-23	Typical Jack-and-Bore Installation
B.1-24	Typical Overhead Conductor Installation
B.3.1-1	KOP 1 – California Street (1) Existing View and Simulation of Proposed Vine Substation
B.3.1-2	KOP 2 – California Street (2) Existing View and Simulation of 69-kV Loop-in
B.3.1-3	KOP 3 – Southbound I-5 Existing View and Visual Simulation of Proposed Vine Substation
B.3.1-4	KOP 4 – Pacific Highway Existing View and Simulation of Proposed Vine Substation
B.3.3-1	Windrose from San Diego International Airport (2009-2013)
B.3.4-1	Hydrologic Features
B.3.6-1	Regional Active Faults and Historic Earthquakes

Appendices

1	List of Preparers
2	References
3	Air Quality Emission Calculations
4	Public Notice Materials