

# DRAFT ENVIRONMENTAL IMPACT REPORT

## SOUTHERN CALIFORNIA EDISON'S SANTA BARBARA COUNTY RELIABILITY PROJECT

SEPTEMBER 2014

A. 1210018

SCH NO. 2013041070



Prepared for:



State of California  
Public Utilities  
Commission

Prepared by:



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## Acronyms and Abbreviations

AB 32 Scoping Plan	Climate Change Proposed Scoping Plan
AB	Assembly Bill
ACSR	aluminum conductor steel-reinforced
ADT	average daily trip
AGL	above ground level
AMSL	above mean sea level
A-P Zones	Alquist-Priolo Earthquake Fault Zones
APCD	Air Pollution Control District
APM	applicant proposed measure
AQMP	Air Quality Management Plan
BAAQMD	Bay Area Air Quality Management District
BMO	Best Management Practices
BMP	best management practice
BOR	U.S. Bureau of Reclamation
BOS	Santa Barbara County Board of Supervisors
BP	before present
CAA	Clean Air Act of 1970
CAAQS	California Ambient Air Quality Standards
Cal/OSHA	California Occupational Health and Safety Administration
CalEEMod	California Emission Estimator Model
CalEMA	California Emergency Management Agency
CALFIRE	California Department of Forestry and Fire Protection
CalRecycle	California department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CAS	Climate Action Strategy
CBC	California Building Code
CCAA	California Clean Air Act of 1988
CCAS	California Climate Adaptation Strategy
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CDP	Coastal Development Permit
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLA Act	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFGF	California Fish and Game Code
CFR	Code of Federal Regulations
CH <sub>4</sub>	methane
CHP	California Highway Patrol
CLUP	Santa Barbara County Coastal Land Use Plan
cm/sec/sec	centimeters per second per second

cmil	circular mil
CMP	Congestion Management Program
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society's
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO2	carbon dioxide
CO2e	carbon dioxide equivalency
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
CWPP	Communities Wildfire Protection Plan
dBA	A-weighted decibels
DDT	dichlorodiphenyltrichloroethane
DOT	U.S. Department of Transportation
DPS	Distinct Population Segment
DTSC	California Department of Toxic Substance Control
EIR	Environmental Impact Reports
Electric Safety OIR	Order Instituting Rulemaking to Revise and Clarify Commission Regulations Relating to the Safety of Electric Lines and Communications Infrastructure Provider Facilities
EMFs	electric and magnetic fields
ENA	Electrical Needs Area
EPA	United States Environmental Protection Agency
EPS	emissions performance standard
ESA	Federal Endangered Species Act
ESHA	environmentally sensitive habitat area
FAA	Federal Aviation Administration
FE	Federal Endangered
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FHSZ	Fire Hazard Severity Zone
FHWA	Federal Highway Administration
FMMP	Farmland Mapping and Monitoring Program
Forest Plan	Los Padres National Forest Land Management Plan
FRA	Federal Responsibility Area
FRC	fault return conductor
FRC	fault return conductor
FSM	Forest Service Manual
FT	Federal Threatened
FTA	Federal Transit Administration
GHG	greenhouse gas
GO	General Order
GWP	global warming potential

HCP	Habitat Conservation Plan
HFC	hydrofluorocarbon
HMPB	Hazardous Materials Business Plan
HMTA	Hazardous Materials Transportation Act
HRA	health risk assessment
HSC	Health and Safety Code
HSC	Health and Safety Code
ICU	Intersection Capacity Utilization
IEEE	Institute of Electrical and Electronics Engineers
IPCC	Intergovernmental Panel on Climate Change
kcmil	1,000 circular mils
KOPs	key observation points
kV	kilovolt
Ldn	Daytime-Nighttime Noise Level
Leq	equivalent sound pressure level
LMP	Los Padres National Forest Land Management Plan
LOS	level of service
LPNF	Los Padres National Forest
LRA	Local Responsibility Area
LST	lattice steel tower
LWS	lightweight steel
MBTA	Migratory Bird Treaty Act
MEER	Mechanical and Electrical Equipment Room
MM	mitigation measures
MMP	Mitigation Monitoring and Reporting Plan
MMTCO <sub>2</sub> e	million metric tons of carbon dioxide equivalent
MSE	mechanically stabilized embankments
MT	metric tons
MTCO <sub>2</sub> e	metric tons of carbon dioxide equivalent
MVA	Megavolt Amperes
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Plan
NEC	National Electric Code
NERC	North American Electric Reliability Corporation
NFIP	National Flood Insurance Program
NFMA	National Forest Management Act
NMFS	National Marine Fisheries Service
NO <sub>2</sub>	nitrogen dioxide
NOP	Notice of Preparation
NO <sub>x</sub>	oxides of nitrogen
NPDES	National Pollution Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NTSB	National Transportation and Safety Board

O&M	operations and maintenance
OSHA	Occupational Safety and Health Administration
PCBs	polychlorinated biphenyls
PEA	Proponent’s Environmental Assessment
PERP	Portable Equipment Registration Program
PFC	perfluorocarbon
PG&E	Pacific Gas and Electric Company
PGA	peak ground acceleration
PHT	peak hour trip
PM10	particulate matter less than or equal to 10 micrometers in diameter
PM2.5	particulate matter less than or equal to 2.5 micrometers in diameter
PRC	Public Resources Code
PRMP	Paleontological Resources Management Plan
proposed project	Santa Barbara County Reliability Project
PSD	Prevention of Significant Deterioration
PT	potential transformer
PTC	Permit to Construct
PVC	polyvinyl chloride
RCRA	Resource Conservation and Recovery Act of 1976
ROC	reactive organic compounds
ROG	reactive organic gases
ROW	right-of-way
RPS	Renewables Portfolio Standard
RWQCB	Regional Water Quality Control Board
SAC	stranded aluminum conductor
SARA	Superfund Amendment and Reauthorization Act
SAS	Substation Automation System
SB Coast Area	Santa Barbara County Coast Area
SB	Senate Bill
SBCAG	Santa Barbara County Association of Government
SBCAPCD	Santa Barbara County Air Pollution Control District
SBCFD	Santa Barbara County Fire Department
SBFB	Santa Barbara Fold Belt
SCADA	Supervisory Control and Data Acquisition
SCAG	Southern California Association of Government
SCAQMD	South Coast Air Quality Management District
SCAT	South Coast Area Transit
SCE	Southern California Edison
SEMS	Standardized Emergency Management System
SF6	sulfur hexafluoride
SIO	Scenic Integrity Objective
SIPs	State Implementation Plans
SO2	and sulfur dioxide
SPCCC	Spill Prevention, Control, and Countermeasure
SR	State Route
SRA	State Responsibility Area

SRP	Scenic Resource Protection
SUP	Special Use Permit
Superfund	Comprehensive Environmental Response, Compensation, and Liability Act
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resource Control Board's
TLRR	Transmission Line Rating and Remediation Program
TMDL	total maximum daily load
TSCA	Toxic Substances Control Act
TSP	tubular steel pole
TSP	tubular steel pole
UBC	Uniform Building Code
UNFCCC	United Nations Framework Convention on Climate Change
USACE	U.S. Army Corps of Engineers
USFS	U.S. Forest Service
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
V/C	volume-to-capacity
VCAPCD	Ventura County Air Pollution Control District
VCTC	Ventura County Transportation Commission
VdB	vibration decibels
Venturaf	BuenaVentura
VISTA	Ventura Intercity Service Transit Authority
VOCs	volatile organic compounds
WATCH manual	Work Area Protection and Traffic Control Manual
WECC	Western Electricity Coordinating Council
WEG	Wind Erodibility Group
WUI	Wildland Urban Interface

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