

ACRONYMS AND ABBREVIATIONS

Banducci 66/12 kV Substation Project

°F	Degrees Fahrenheit
AB	Assembly Bill
ACSR	Aluminum Conductor Steel Reinforced
ADT	Average Daily Traffic
AMSL	Above Mean Sea Level
AP	Alquist-Priolo
APCD	Air Pollution Control Districts
APM	Applicant Proposed Measure
AQMP	Air Quality Management Plan
APN	Assessor's Parcel Number
AR	Automatic Recloser
AST	Aboveground Storage Tank
AVAQMD	Antelope Valley Air Quality Management District
BGS	Below Ground Surface
BLM	Bureau of Land Management
BMPs	Best Management Practices
BP	Before Present
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAL FIRE	California Department of Forestry and Fire Protection
Caltrans	California Department of Transportation
CAPCOA	California Air Pollution Controls Officers Association
CARB	California Air Resources Board
CASQA	California Stormwater Quality Association
CAT	Climate Action Team
CBC	California Building Code
CCAA	California Clean Air Act of 1988
CCR	California Code of Regulations

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CDC	California Department of Conservation
CDFG	California Department of Fish and Game
CEDD	California Employment Development Department
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CGP	Construction General Permit
CGS	California Geological Survey
CH ₄	Methane
CIWMB	California Integrated Waste Management Board
CJUTCC	California Joint Utility Traffic Control Committee
CJUTCM	California Joint Utility Traffic Control Manual
CLP	Cross-Linked Polyethylene
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
COG	Council of Governments
CPRC	California Public Resources Code
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CSD	Community Services District
CVPA	Cummings Valley Protective Association
CWA	Clean Water Act
dB	Decibel
dBA	A-Weighted Decibel
DI	Drilling Island
DOC	Department of Conservation

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DOGGR	Division of Oil, Gas and Geothermal Resources
DSM	Demand-Side Management
DTSC	Department of Toxic Substances Control
DWR	Department of Water Resources
EDR	Environmental Data Resources
EKAPCD	Eastern Kern Air Pollution Control District
ENA	Electrical Needs Area
EPA	Environmental Protection Agency
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FESA	Federal Endangered Species Act
FMMP	Farmland Mapping and Monitoring Program
FRC	Fatal Return Conductor
FTA	Federal Transit Administration
G.O.	General Order
GHG	Greenhouse Gas
GIS	Geographic Information Systems
GTA	Greater Tehachapi Area
GTASCP	Greater Tehachapi Area Specific and Community Plan
HABS	Historic American Buildings Survey
HAER	Historic American Engineering Record
HALS	Historic American Landscape Survey
HCP	Habitat Conservation Plan
HFCs	Hydrofluorocarbons
HMMP	Hazardous Materials Management Plan
HVAC	Heating, Ventilation, and Air-Conditioning
HWTS	Hazardous Waste Tracking System
IEEE	Institute of Electrical and Electronic Engineers

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KCFD	Kern County Fire Department
kcmil	1,000 Circular Mils
KCOG	Kern Council of Governments
KCSO	Kern County Sheriff's Office
KCSS	Kern County Superintendent of Schools
KOP	Key Observation Point
kV	Kilovolt
Leq	Equivalent South-Pressure Level
Ldn	Day-Night Average Sound Level
LOS	Level of Service
LTC	Load Tap Changer
LUST	Leaking Underground Storage Tank
LWS	Light-Weight Steel
MBTA	Migratory Bird Treaty Act
MEER	Mechanical and Electrical Equipment Room
MDAQMD	Mojave Desert Air Quality Management District
MLD	Most Likely Descendant
MPO	Metropolitan Planning Organization
MSL	Mean sea level
MVA	Megavolt-Ampere
MVAR	Megavolt-Ampere Reactive
N ₂ O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Plan
NEMA	National Electrical Manufacturers Association
NEPA	National Environmental Policy Act
NERC	North American Electric Reliability Corporation
NMFS	National Marine Fisheries Service

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NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
NF ₃	Nitrogen Trifluoride
NPDES	National Pollutant Discharge Elimination System
NR	Natural Resource
NRCS	Natural Resource Conservation Service
NRHP	National Register of Historic Places
O ₃	Ozone
OHGW	Overhead Ground Wire
OHP	Office of Historic Preservation
OPGW	Optical Ground Wire
OPR	Office of Planning and Research
Pb	Lead
PE	Petroleum Extraction
PEA	Proponent's Environmental Assessment
PFCs	Perfluorocarbons
PG&E	Pacific Gas & Electric Company
PM ₁₀	Particulate Matter with a diameter of 10 micrometers or less
PM _{2.5}	Fine Particulate Matter with a diameter of 2.5 micrometers or less
PPE	Personal Protective Equipment
PPM	Parts Per Million
PRC	Public Resources Code
PRTP	Paleontological Resources Treatment Plan
PTs	Potential Transformers
PVC	Poly vinyl chloride
QSP	Qualified SWPPP Practitioner
RCRA	Resource Conservation and Recovery Act
ROG	Reactive Organic Gases
ROW	Right-of-Way

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RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SCADA	Supervisory Control and Data Acquisition
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SF	Square Foot
SF ₆	Sulfur Hexafluoride
SGTV	Smart Growth Tehachapi Valleys
SIP	State Implementation Plan
SM	Silty Sand
SMARA	Surface Mining and Reclamation Act
SMGB	State Mining and Geology Board
SO ₂	Sulfur Dioxide
SO _x	Sulfur Oxides
SPCC	Spill Prevention, Control and Countermeasure
SR	State Route
SSJVIC	Southern San Joaquin Valley Information Center
SVP	Society of Vertebrate Paleontology
SWIS	Solid Waste Information System
SWMP	Stormwater Management Program
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TCCWD	Tehachapi-Cummings County Water District
TDBU	Transmission and Distribution Business Unit
TOG	Total Organic Gases
TSP	Tubular Steel Pole
TTC	Temporary Traffic Control
U.S.	United States
UPRR	Union Pacific Railroad

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USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USDOT	United States Department of Transportation
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tank
VMT	Vehicle-Miles Traveled
VOC	Volatile Organic Compound
WDR	Water Discharge Requirements
WEAP	Worker Environmental Awareness Program
WECC	Western Electricity Coordinating Council
WQC	Water Quality Certification
WRR	Water Reclamation Requirements