

ACRONYMS AND ABBREVIATIONS

Acronyms and Abbreviations

2045 CAP	2045 Climate Action Plan
AADT	annual average daily traffic
AB	Assembly Bill
AC	alternating current
ACCC	aluminum conductor composite core
ACSR	aluminum conductor steel-reinforced
ADSS	all-dielectric self-supporting
APM	applicant proposed measure
APE	area of potential effect
API	area of potential impact
ASML	above sea level
ASTM	American Society for Testing Methods
AVEK	Antelope Valley East Kern Water Agency
BAT	best available technologies
biogas	biomethane
BMP	best management practice
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalGEM	California Geologic Energy Management Division
CAL FIRE	California Department of Forestry and Fire Protection
Cal OES	California Governor's Office of Emergency Services
Caltrans	California Department of Transportation
CA MUTCD	California Manual on Uniform Traffic Control Devices
CARB	California Air Resources Board
CATTCH	California Temporary Traffic Control Handbook
CBC	California Building Code
CCAP	Community Climate Action Plan
CCR	California Code of Regulations

ACRONYMS AND ABBREVIATIONS

CDP	census-designated place
CDFW	California Department of Fish and Wildlife
CDOC	California Department of Conservation
CDPR	California Department of Pesticide Regulation
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CH ₂	methane
CHP	California Highway Patrol
CPUC	California Public Utilities Commission
CESA	California Endangered Species Act
CGS	California Geological Survey
CPN	Calpine Pipeline Network
CO	Carbon Monoxide
CNEL	Community Noise Equivalent Level
CRMP	Cultural Resource Management Plan
CSD	Community Services District
CUPA	Certified Unified Program Agency
CVRWQCB	Central Valley Regional Water Control Board
CWA	Clean Water Act
dB	decibel
DPM	Diesel Particulate Matter
DTSC	California Department of Toxic Substances Control
DWR	Department of Water Resources
ECC	emergency communication center
EISA	Energy Independence and Security Act
EKAPCD	Eastern Kern Air Pollution Control District
EMFs	electromagnetic fields
EO	executive order
EOC	emergency operations center
EPA	U.S. Environmental Protection Agency
ESA	environmentally sensitive area
FAA	Federal Aviation Administration

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FBFM40	40 Scott and Burgan Fire Behavior Fuel Model
FEIR	Final Environmental Impact Report
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHSZ	Fire Hazard Severity Zone
FHWA	Federal Highway Administration
FIFRA	Federal Insecticide, Fungicide, and Rodenticide
FRA	Federal Railroad Administration
FRA	Federal Responsibility Area
FTA	Federal Transit Administration
GHG	greenhouse gas
GIS	geographic information system
GO	general order
GPS	global positioning system
GWh	gigawatt hours
GSA	groundwater sustainability agencies
GSP	groundwater sustainability plans
HAP	hazardous air pollutants
HFC	hydrofluorocarbons
HFTD	high fire threat district
HMBP	Hazardous Materials Business Plan
HMMP	Hazardous Materials Management Plan
HMTA	Hazardous Materials Transportation Act
hp	horsepower
HRP	Habitat Restoration Plan
I	Interstate
IEEE	Institute of Electrical and Electronics Engineers
ISTEA	Intermodal Surface Transportation Efficiency Act
JPA	joint protection area
KCFD	Kern County Fire Department
KCSO	Kern County Sheriff's Office
KCWA	Kern County Water Agency
KMRC	Kern County Medical Reserve Corps
KOP	key observation point

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LACM	National History Museum of Los Angeles County
LASD	Los Angeles Sheriff's Department
LACFD	Los Angeles County Fire Department
LARWQCB	Los Angeles Regional Water Quality Control Board
LPNF	Los Padres National Forest
LRA	Local Responsibility Area
LST	Lattice Steel Tower
LWS	light-weight steel
LU	landscape unit
MCL	Maximum Contaminant Level
MDAB	Mojave Desert Air Basin
MHMP	Multi-jurisdiction Hazard Mitigation Plan
MMRP	Mitigation Monitoring and Reporting Plan
MLC	mineral land classification
mph	miles per hour
MRZ	mineral resource zone
MS4	municipal separate storm sewer system
msl	mean sea level
MUTCD	Manual of Uniform Traffic Control Devices
N ₂ O	nitrous oxide
NAHC	Native American Heritage Commission
NAAQS	National Ambient Air Quality Standards
NCP	National Contingency Plan
NEHRP	National Earthquake Hazards Reduction Program
NESC	National Electrical Safety Code
NHTSA	National Highway Traffic Safety Administration
NOT	Notice of Termination
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List
NRCS	National Resources Conservation Service
O ₃	Ozone
O&M	operations and maintenance
OHGW	overhead ground wire
OHP	Office of historic preservation

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OPGW	optical ground wire
OPR	Office of Planning and Research
OSHA	Occupational Health and Safety Administration
PEA	Proponents Environmental Assessment
PERP	Portable Equipment Registration Program
PFYC	Potential Fossil Yield Classification
PFC	perfluorocarbon
PG&E	Pacific Gas and Electric Company
PPV	peak particle velocity
PRC	Public Resources Code
PSD	prevention of significant deterioration
PUC	Public Utilities Code
Qfg	terrace fanglomerate
Qls	landslide debris
Qoa	older alluvium
RACT	Reasonably Available Control Technology
RCRA	Resource Conservation and Recovery Act
REL	Reference Exposure Levels
RHNA	regional housing needs assessment
ROSB	CPUC Railroad Operations and Safety Branch
ROS	Recreation Opportunity Spectrum
ROW	right-of-way
RPS	Renewable Portfolio Standard
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act
SEA	Significant Ecological Area
SB	Senate Bill
SB X1-2	Senate Bill 2 of the First Extraordinary Session
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SEMS	Standard Emergency Management System
SH ₆	sulfur hexafluoride

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SFHA	Special Flood Hazard Area
SHMA	Seismic Hazard Mapping Act
SHMP	State Hazard Mitigation Plan
SIP	State Implementation Plan
SIO	scenic integrity objective
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SLF	Sacred Lands File
SMARA	Surface Mining and Reclamation Act of 1975
SMS	Scenery Management System
SNF	Sequoia National Forest
SO ₂	sulfur dioxide
SoCalGas	Southern California Gas
SoKR	South of Kern River
SPCC	Spill Prevention, Control, and Countermeasure
SR	State Route
SR-99	State Route 99
SRA	State Responsibility Area
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TCMP	Traffic Control Management Plan
TSCA	Federal Toxic Substances Control Act
TAC	toxic air contaminant
TSP	tubular steel pole
UCMP	University of California Museum of Paleontology
UPRR	Union Pacific Railroad
U.S.	United States
USACE	United States Army Corp of Engineers
USDOT	U.S. Department of Transportation
USGS	United States Geological Survey
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
VHFHSZ	very high fire hazard severity zone

ACRONYMS AND ABBREVIATIONS

VMTs	vehicle miles traveled
WEAP	Workers Environmental Awareness Training Program
WEG	wind erodibility group
WUI	wildland–urban interface