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Acronyms and Abbreviations

AB	Assembly Bill
ACM	asbestos-containing material
AD	anno domini
ADT	average daily traffic
AE	Exclusive Agricultural
AE-20	Exclusive Agricultural District, 20-acre minimum lot size
APLIC	Avian Power Line Interaction Committee
APM	applicant proposed measure
applicant	Pacific Gas and Electric Company; <i>also</i> PG&E
BAAH	breaker-and-a-half
BAU	business-as-usual
bgs	below ground surface
BMP	best management practice
BP	before present
BPS	Best Performance Standards
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAL FIRE	California Department of Forestry and Fire Protection
CalOSHA	California Occupational Health and Safety Administration
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CBC	California Building Standards Code
CCAA	California Clean Air Act
CCAP	Climate Change Action Plan
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFGF	California Fish and Game Code
CFR	Code of Federal Regulations
CGS	California Geological Survey
CH ₄	methane
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CRMTP	Cultural Resources Monitoring and Treatment Plan

CRS	Cultural Resources Specialist
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	decibels
dBA	A-weighted decibels
DNL	day-night average sound level; <i>also</i> L _{dn}
DTSC	California Department of Toxic Substance Control
EDR	Environmental Data Resources, Inc.
EMF	electromagnetic field
EPA	United States Environmental Protection Agency
ESA	Federal Endangered Species Act
FAA	Federal Aviation Administration
FCFPD	Fresno County Fire Protection District
FCSD	Fresno County Sheriff's Department
FEMA	Federal Emergency Management Agency
FFS	free flow speed
FHWA	Federal Highway Administration
FMMP	Farmland Mapping and Monitoring Program
FP	fully protected species
g	g-force
GHG	greenhouse gas
GIS	geographic information system
GWP	global warming potential
H ₂ S	hydrogen sulfide
HAP	hazardous air pollutant
HCP	Habitat Conservation Plan
HFC	hydrofluorocarbon
HMBP	Hazardous Materials Business Plan
HSC	California Health and Safety Code
IPaC	Information for Planning and Conservation
IS/MND	Initial Study/Mitigated Negative Declaration
KV	key viewpoint
kV	kilovolt
L _{dn}	day-night average sound level; <i>also</i> DNL
LDSP	light duty steel pole
LED	light-emitting diode
L _{eq}	equivalent sound pressure level
L _{max}	maximum noise level
LOS	Level of Service
LRA	Local Responsibility Area
LSAA	Lake or Streambed Alteration Agreement
LST	lattice steel tower
MBTA	Migratory Bird Treaty Act
MM	Mitigation Measure
MMRP	Mitigation Monitoring and Reporting Plan
MPAC	Modular Protection Automation Control

MPC	Minor Project Change
mph	miles per hour
MPR	Minor Project Refinement
MRZ	Mineral Resource Zone
MTCO _{2e}	metric tons of carbon dioxide equivalent
MVA	megavolt amperes
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	California Native American Heritage Commission
NEMA	National Electrical Manufacturer's Association
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO ₂	nitrogen dioxide
<u>NOI</u>	<u>Notice of Intent</u>
NPDES	National Pollution Discharge Elimination System
NSR	North State Resources
O&M	operations and maintenance
O ₃	ozone
OSHA	Occupational Health and Safety Administration
Pb	lead
P-C	Production-Consumption
PCB	polychlorinated biphenyls
PEA	Proponent's Environmental Assessment
PFC	perfluorocarbon
PFM	Petition for Modification
PG&E	Pacific Gas and Electric Company; <i>also</i> , the applicant
PM ₁₀	particulate matter less than 10 microns in diameter
PM _{2.5}	particulate matter less than 2.5 microns in diameter
PRC	Public Resources Code
PRMMP	Paleontological Resources Monitoring and Mitigation Plan
proposed project	Sanger Substation Expansion Project
PSD	Prevention of Significant Deterioration
PSHA	Probabilistic Seismic Hazard Assessment
RCRA	Resource Conservation and Recovery Act
REL	Reference Exposure Levels
ROW	right-of-way
RPS	Renewables Portfolio Standard
SB X1-2	Senate Bill 2 of the First Extraordinary Session
SCAQMD	South Coast Air Quality Management District
SF ₆	sulfur hexafluoride
SIP	state implementation plan
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SO ₂	sulfur dioxide
SO ₄	sulfate
SPCC	Spill Prevention, Control, and Countermeasure
SR	State Route

SSC	species of special concern
SSJVIC	Southern San Joaquin Valley Information Center
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TCR	Tribal Cultural Resource
TSP	tubular steel pole
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
USGS	United States Geological Survey
VdB	vibration decibels
VOC	volatile organic compounds
WDR	Waste Discharge Requirement
WEAP	Worker Environmental Awareness Plan