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Abbreviations List

°C	degrees Celsius
°F	degrees Fahrenheit
µg/kg	micrograms per kilogram
µg/m^3	microgram per cubic meter
µS/cm	microSiemens per centimeter
A	amperes
AADT	Average Annual Daily Traffic
AAPE	Architectural Area of Potential Effect
AB	Assembly Bill
AC	alternating current
ACC	air-cooled condenser
ACEC	Area of Critical Environmental Concern
AERMAP	AERMOD terraine processor
AERMET	AERMOD meteorological processor
AERMOD	EPA guideline model – Dispersion modeling software
AFB	Air Force Base
AFC	Application for Certification
afy	acre-feet per year
AICUZ	Air Installation Compatible Use Zone
ANSI	American National Standards Institute
AP	Alquist-Priolo (Earthquake Fault Zones)
APCO	Air Pollution Control Officer
APE	Area of Potential Effect
APSA	Aboveground Petroleum Storage Act
APZ	Accident Potential Zone
AQCMM	Air Quality Construction Mitigation Manager
AQCMP	Air Quality Construction Mitigation Plan
ARB	(California) Air Resources Board
ARRA	American Recovery and Reinvestment Act
ASME	American Society of Mechanical Engineers
ASTM	American Society of Testing and Materials
ATC	Authority to Construct
ATCM	Airborne Toxic Control Measure
AVAQMD	Antelope Valley Air Quality Management District
BAAQMD	Bay Area Air Quality Management District
BACT	Best Available Control Technology
BDT	best demonstrated technology
bgs	below ground surface

BLM	Bureau of Land Management
BMP	Best Management Practice
BOD	biochemical oxygen demand
BOE	Board of Equalization (California)
BOP	balance of plant
BPIP-PRIME	Building Profile Input Program (USEPA)
BRAC	Base Realignment and Closure
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan
BRSA	Biological Resources Study Area
BRTR	Biological Resources Technical Report
BSPP	Blythe Solar Power Project
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAISO	California Independent System Operators
Cal/EPA	California Environmental Protection Agency
Cal/OSHA	California OSHA
CalARP	California Accidental Release Prevention
Cal-IPC	California Invasive Plant Council
CAPA	Collaborative Access Planning Area
CAPCOA	California Air Pollution Control Officers Association
CBC	California Building Code
CBOC	California Burrowing Owl Consortium
CCAA	California Clean Air Act
CCR	California Code of Regulations
CCS	cryptocrystalline silicate
CDCA	California Desert Conservation Area
CDD	California Desert District
CDFG	California Department of Fish and Game
CDP	Census Designated Places
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (Superfund)
CESA	California Endangered Species Act
cf	cubic feet
CFATS	Chemical Facility Anti-Terrorism Standard
CFR	Code of Federal Regulations
CI	compression ignition
CIWMB	California Integrated Waste Management Board
CLNAWS	China Lake Naval Air Weapons Station
CNDDB	California Natural Diversity Database

CNEL	Community Noise Exposure Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO_2	carbon dioxide
CPM	Compliance Project Manager
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CSAC	California State Association of Counties
CSP	concentrating solar power
CTI	Cooling Technology Institute
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
CWC	California Water Code
cy	cubic yard
dB	decibels
dBA	decibels absolute
DC	direct current
DCS	Distributed Control System
DESCP	Drainage, Erosion, and Sediment Control Plan
DMG	Division of Mines and Geology
DNI	direct normal insulation
DOC	Determination of Compliance
DoD	Department of Defense
DOF	Department of Finance
DPM	diesel particulate matter
DPR	California Department of Parks and Recreation
DT	desert tortoise
DTSC	Department of Toxic Substances Control
DWMA	Desert Wildlife Management Area
EA	Environmental Assessment
EDD	Employment Development Department
EDR	electrodialysis reversal
EDR	Environmental Database Report
EIS	Environmental Impact Statement
EMF	electromagnetic fields
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right to Know Act of 1986
EPRI	Electric Power Research Institute
EPS	Emissions Performance Standard
ESA	Endangered Species Act of 1973
FAA	Federal Aviation Administration

FERC	Federal Energy Regulatory Commission
FLPMA	Federal Land Policy and Management Act of 1976
FM	Factory Mutual
FPPA	Farmland Protection Policy Act of 1981
FS	Fire Station
FSC	Field Supervisor Controller
ft^3	cubic feet
FTE	full-time equivalent
FY	fiscal year
g/hp-hr	grams per horsepower-hour
GHG	greenhouse gas
gpd	gallons per day
gpm	gallons per minute
GPS	Global Positioning System
GSU	Generator step-up
GW	gigawatt (one thousand megawatts)
GWh	gigawatt-hours
GWP	global warming potential
HAPs	Hazardous Air Pollutants
HARP	Hotspots Analysis and Reporting Program
HCE	heat collection element
HCP	habitat conservation plan
HDPE	high density polyethylene
HI	Hazard Index
HMBP	Hazardous Material Business Plan
hp	horsepower
HPTP	Historic Property Treatment Plan
hr	hour
HRA	Health Risk Assessment
HREC	Historical Recognized Environmental Conditions
HSC	California Health and Safety Code
HSITA	Hazardous Substance Information and Training Act
HTF	heat transfer fluid
HVAC	heating, ventilation, and air conditioning
Hz	hertz
I/O	inputs / outputs
IEEE	Institute of Electrical and Electronics Engineers
IEPR	Integrated Energy Policy Report
IIPP	Injury and Illness Prevention Program
ITP	Incidental Take Permit
IWVWD	Indian Wells Valley Water District

IX	ion exchange
JD	Jurisdictional Determination
JLUS	Joint Land Use Study
KCAPCD	Kern County Air Pollution Control District
Kcmil	Thousand circular mils
Kern COG	Kern Council of Governments
Kern OES	Kern County Fire Department Office of Emergency Services
kg	kilogram
kg/s	kilograms per second
KOP	key observation point
kV	kilovolts
$kWh/m^2/day$	kilowatt-hours per square meter per day
LADWP	Los Angeles Department of Water and Power
LAER	Lowest Achievable Emission Rate
lb/s	pounds per second
lbs	pounds
LCRS	leachate collection and removal systems
Ldn	day/night average sound level
LEA	Local Enforcement Agency
Leq	equivalent continuous noise level
LF	linear feet
LiDAR	Light Detection and Ranging
L_{max}	instantaneous maximum noise levels
L_{min}	minimum noise levels
LORS	Laws, Ordinances, Regulations and Standards
LSEs	load-serving entities
LTU	land treatment unit
m^3	cubic meters
mA	milliamperes
MACT	Maximum Achievable Control Technology
MBTA	Migratory Bird Treaty Act
MDAB	Mojave Desert Air Basin
MDAQMD	Mojave Desert Air Quality Management District
MEIR	maximum exposed individual at an existing residential receptor
MEIW	maximum exposed individual at an existing occupational worker receptor
mG	milligauss
mg	milligram
mg/L	milligrams per liter
mg/m^3	milligram per cubic meter
MGS	Mohave ground squirrel
MGSCA	Mohave Ground Squirrel Conservation Area

MIA	Military Influence Area
MICR	maximum individual cancer risk
ml/m^3	milliliters per cubic meter
mmBtu/hr	million British thermal units per hour
mmscfd	million standard cubic feet per day
MOU	Memorandum of Understanding
MSDS	Material Safety Data Sheets
MUC	multiple-use classification
MVA	megavolt-amperes
MW	megawatt (one thousand kilowatts)
MWh	megawatt hour
mya	million years ago
NAAQS	National Ambient Air Quality Standards
NAHC	American Heritage Commission
NAWS	Naval Aviation Weapons Station
NEPA	National Environmental Policy Act
NESC	National Electrical Safety Code
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFPA	National Fire Protection Agency
NHPA	National Historic Preservation Act
NMHC	non-methane hydrocarbons
NO_2	nitrogen dioxides, also expressed as NOx
NOx	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NPPA	Native Plant Protection Act
NRCS	Natural Resources Conservation Service
NREL	National Renewable Energy Laboratory
NRHP	National Register of Historic Places
NSPS	New Source Performance Standards
NSR	New Source Review
O_3	ozone
OEHHA	California Office of Environmental Health Hazard Assessment
OHV	off-highway vehicle
OPLA	Omnibus Public Lands Management Act
OSHA	Occupational Safety and Health Administration (Federal)
PAH	polycyclic aromatic hydrocarbon
PEIS	Programmatic Environmental Impact Statement
PFM	Protected Fur-bearing Mammal
PG&E	Pacific Gas and Electric
Phase I ESA	Phase I Environmental Site Assessment
PM	particulate matter

PM10	respirable particulate matter
PM2.5	fine particulate matter
POD	Plan of Development
PPE	personal protective equipment
ppm	parts per million
ppmv	parts per million by volume
PRC	Public Resources Code
PRPA	Paleontological Resources Preservation Act
PSD	Prevention of Significant Deterioration
psig	pounds per square inch gauge
PSPP	Palen Solar Power Project
PTO	Permit to Operate
PUC	Public Utilities Commission
RACT	Reasonably Available Control Technology
RBLC	RACT/BACT/LAER Clearinghouse
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
Regional Boards	Regional Water Quality Control Boards
REL	reference exposure level
RGL	Regulatory Guidance Letter
RI-TVI	Radio Interference and Television Interference
RMP	Resource Management Plan
RO	reverse osmosis
ROW	right of way
ROWD	Report of Waste Discharge
rpm	revolutions per minute
RPS	Renewable Portfolio Standard
RRH	Ridgecrest Regional Hospital
RSPP	Ridgecrest Solar Power Project
RTO	Regenerative thermal oxidation
RWQCB	Regional Water Quality Control Board
S	sulfur
SAA	Streambed Alteration Agreement
SARA	Superfund Amendments and Reauthorization Act of 1986
SB	Senate Bill
SCA	solar collector assembly
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
scf	standard cubic feet
SCHWMA	Southern California Hazardous Waste Management Authority
SCR	Selective Catalytic Reduction

SEGS	Solar Electric Generating System
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SO_2	sulfur oxides, also expressed as SOx
SOx	sulfur dioxides
SPRR	Southern Pacific Railroad
sq. ft	square feet
SRP	Scientific Review Panel
SSC	Species of Special Concern
SSG	solar steam generator
SSJVIC	San Joaquin Valley Information Center
SSUSD	Sierra Sands Unified School District
State Board	State Water Resources Control Board
STG	steam turbine generator
SVP	Society of Vertebrate Paleontology
SWCA	SWCA Environmental Consultants
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
T-BACT	Best Available Control Technology for air toxics
TDS	total dissolved solids
tpy	tons per year
UBC	Uniform Building Code
UL	United Laboratories
Unified Program	Unified Hazardous Waste and Hazardous Materials Management Regulatory Program
UPS	uninterruptible power system
USACE	United States Army Corps of Engineers
USC	United States Code
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tanks
UTM	Universal Transverse Mercator
V	volts
VOC	volatile organic compounds
VRM	Visual Resource Management
WBO	western burrowing owl
WDR	Waste Discharge Requirements
WEMO	West Mojave Plan
wk	week
ZOI	Zone of Influence