

Acronyms and Abbreviations

°C	degrees Celsius
°F	degrees Fahrenheit
µg/m ³	micrograms per cubic meter
3-D	three-dimensional
AAQS	ambient air quality standards
AB	Assembly Bill
AC	alternating current
ACC	air-cooled condenser
ACEC	Area of Critical Environmental Concern
ac-ft/yr	acre-feet per year
ADEQ	Arizona Department of Environmental Quality
ADT	Average Daily Traffic
af	acre-feet
AFC	Application for Certification
afy	acre-feet per year
AGF	Army Ground Forces
amsl	above mean sea level
AMU	atomic mass units
APE	area of potential effect
APN	Assessor Parcel Number
ARB	California Air Resources Board
ARZC	Arizona and California Railroad
AST	aboveground storage tank
ASTM	American Society of Testing and Materials
ATC	Authority to Construct
ATCM	airborne toxics control measure

ATV	all-terrain vehicle
BA	biological assessment
BACT	best available control technology
BGEPA	Bald and Golden Eagle Protection Act
bgs	below ground surface
bhp	brake-horsepower
BLM	U.S. Bureau of Land Management
BM	Biological Monitor(s)
BMP	Best Management Practice
BO	Biological Opinion
BOE	Board of Equalization
BPIP	Building Profile Input Program
BPIP-PRIME	BPIP Plume Rise Model Enhancement
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan
CAA	Clean Air Act
CAAQS	California ambient air quality standards
CAISO	California Independent System Operator
Cal/OSHA	California Division of Occupational Safety and Health
CalARP	California Accidental Release Program
Cal-OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CAM	Compliance Assurance Monitoring
CAMA	California-Arizona Maneuver Area
CBC	California Building Code
CCAR	California Climate Action Registry
CCR	California Code of Regulations
CDC	California Department of Conservation
CDCA	California Desert Conservation Area
CDFG	California Department of Fish and Game

CDMG	California Division of Mines and Geology
CDOGGR	California Division of Oil, Gas, and Geothermal Resources
CDPA	California Desert Protection Act of 1994
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CFWO	Carlsbad Field Office of the U.S. Fish and Wildlife Service
CGS	California Geological Survey
CH ₄	methane
CHL	California Historical Landmark
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CIWMB	California Integrated Waste Management Board
cm	centimeter(s)
CMP	Congestion Management Program
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Exposure Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₃	carbonate
COHP	California Office of Historic Preservation
CPM	Compliance Project Manager
CPUC	California Public Utilities Commission
CRA	Colorado River Aqueduct
CRBRWQCB	Colorado River Basin Regional Water Quality Control Board
CRHR	California Register of Historical Resources
CRS	Cultural Resource Specialist

CRUP	Cultural and Paleontological Use Permit
CSC	California species of special concern
CSP	concentrating solar power
CUPA	Unified Program Agency
CVC	California Vehicle Code
CWA	Clean Water Act
dB	decibels
dBA	A-weighted sound pressure level
DBE	Design Basis Earthquake
DC	direct current
DCS	distributed control system
DEH	Department of Environmental Health
DEM	Digital Elevation Model
DER	Designated Ecological Reserve
DESCP	Drainage, Erosion, and Sediment Control Plan
DNL	Day-Night Sound Level
DOF	Department of Finance
DPR	California Department of Parks and Recreation
dscf	dry standard cubic foot
DTC/CAMA	Desert Training Center/California-Arizona Maneuver Area
DTRO	Desert Tortoise Recovery Office
DTSC	Department of Toxic Substances Control
DWMA	Desert Wildlife Management Areas
DWR	California Department of Water Resources
EAF	equivalent availability factor
ECV	emergency coolant vessel
EDD	Employment Development Department
EDI	electrodeionization
EDR	Environmental Data Resources

EMF	electromagnetic field
EMT	emergency medical technician
EPA	U.S. Environmental Protection Agency
EPC	engineer, procure, construct
EPCRA	Emergency Planning and Community Right-to-Know Act of 1986
ERC	Emission Reduction Credit
ESA	Environmental Site Assessments
FAA	Federal Aviation Administration
FCR	Field Contact Representative
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FESA	Federal Endangered Species Act
FLPMA	Federal Land and Policy Management Act
FMMP	Farmland Mapping and Monitoring Program
fpm	flashes per minute
FUDS	Formerly Used Defense Site
g/cm ³	grams per cubic centimeter
g/L	grams per liter
g/mol	grams per mole
GEP	Good engineering practice
GIS	geographic information system
GO	General Order
gpm	gallon(s) per minute
GPS	global positioning system
GRP	General Reporting Protocol
GSU	generator step-up
GWP	global warming potential
H ₂ S	hydrogen sulfide
HAP	hazardous air pollutants

HARP	Hotspots Analysis Reporting Program
HC1	hydrochloric acid
HFCs	hydrofluorocarbons
HMMD	Hazardous Materials Management Division
HRA	health risk assessment
HSP	Health and Safety Plan
HWCL	Hazardous Waste Control Law
I/O	input /output
I-10	Interstate 10
I-40	Interstate 40
I-95	Interstate 95
IEEE	Institute of Electrical and Electronic Engineers
ISCST3	Industrial Source Complex-Short Term
km	kilometer
KNO ₃	potassium nitrate
KOP	key observation points
kV	kilovolt(s)
lb/day	pound(s) per day
lb/hr	pound(s) per hour
lb/period	pound(s) per duration of the commissioning activities
LCD	liquid-crystal diode
LD ₅₀	Dose lethal to 50 percent of those tested
LDLo	lowest dose in an animal study at which lethality occurs
L _{dn}	Day-Night Sound Level
LEPC	local emergency planning committee
L _{eq}	equivalent sound pressure level
LGIP	Large Generator Interconnection Procedures
LNG	liquefied natural gas
LO/TO	Lock-out/tag-out

LORS	laws, ordinances, regulations, and standards
LOS	level of service
LSI	Limited Site Investigation
MACT	maximum achievable control technology
MBTA	Migratory Bird Treaty Act
MC	munitions constituents
MCC	motor control center
MDAB	Mojave Desert Air Basin
MDAQMD	Mojave Desert Air Quality Management District
MEC	munitions and explosives of concern
mg	magnesium
mg/kg	milligrams per kilogram
mg/kg-day	milligrams per kilogram per day
mg/L	milligrams per liter
mg/m ³	milligrams per cubic meter
mL	milliliters
mm	millimeter
MMBtu/hr	million British thermal units per hour
MMF	multimedia filter
MRZ	Mineral Resources Zones
MSA	metropolitan statistical area
MSDS	Material Safety Data Sheet
MW	megawatt
MWD	Metropolitan Water District
MWh	megawatt hour
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAD 27	1927 North American Datum
NAHC	Native American Heritage Commission

NaNO ₃	sodium nitrate
NECO	Northern and Eastern Colorado Desert Coordinated Management Plan
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NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFPA	National Fire Protection Association
NHPA	National Historic Preservation Act
NMHC	nonmethane hydrocarbon
NO	nitric oxide
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NPPA	Native Plant Protection Act
NRCS	Natural Resource Conservation Service
NRHP	National Register of Historic Places
NSR	New Source Review
O&M	operation and maintenance
O ₂	oxygen
OATT	Open Access Transmission Tariffs
OEHHA	Office of Environmental Health Hazard Assessment
OHV	off-highway vehicle
OSHA	Occupational Safety and Health Act of 1970
Parsons	Parsons Corporation
PBA	peak bedrock acceleration
PC	personal computer
PCB	polychlorinated biphenyl
PCE	Passenger Car Equivalent
PEL	OSHA-permissible exposure limit for 8-hour workday

PFC	perfluorocarbon
PM ₁₀	particulate matter with aerodynamic diameter less than or equal to 10 microns
PM _{2.5}	particulate matter with aerodynamic diameter less than or equal to 2.5 microns
PMI	point of maximum impact
PPE	personal protective equipment
ppm	parts per million
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
PTO	Permit to Operate
Pub. L.	Public Law
RCDEH ERMD	Riverside County Department of Environmental Health Environmental Resource Management Division
RCDEH HMMD	Riverside County Department of Environmental Health Hazardous Materials Management Division
RCIP	Riverside County Integrated Project
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
REL	Reference Exposure Level
RI/FS	Remedial Investigation/ Feasibility Study
Rice AAF	Rice Army Airfield
RMP	Risk Management Plan
RO	reverse osmosis
ROW	right-of-way
RPS	Renewable Portfolio Standard
RQ	Reportable Quantities
RSE	Rice Solar Energy, LLC
RSE	Rice Solar Energy, LLC
RSEP	Rice Solar Energy Project
RTP	Regional Transportation Plan

RV	recreational vehicle
RWCQB	regional water quality control board
S&HC	Street and Highways Code
SAA	Streambed Alteration Agreement
SANBAG	San Bernardino Associated Governments
SBCM	San Bernardino County Museum
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
scfm	standard cubic feet per minute
SCR	selective catalytic reduction
SER	Significant Emission Rate
SERC	State Emergency Response Commission
SF ₆	sulfur hexafluoride
SI	site inspection
SNA	Significant Natural Area
SO ₂	sulfur dioxide
SO ₄	sulfate
SO _x	oxides of sulfur
SPCC	Spill Prevention Control and Countermeasures
SR	State Route
STEL	short-term exposure limit, 15-minute exposure
STG	steam turbine generator
SUS	station unit service
SUT	station utility transformer
SVP	Society of Vertebrate Paleontology
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant

TBACT	best available control technology for toxics
TDS	total dissolved solids
TLV	threshold limit value
TMP	Traffic Management Plan
TPQ	threshold planning quantity
tpy	ton(s) per year
TSDF	treatment, storage, and disposal facility
TSP	total suspended particulates
TWA	time-weighted average
UC	University of California
ULSD	ultra low sulfur diesel fuel
URS	URS Corporation
URTD	upper respiratory tract disease
US 95	US Route 95
USACE	U.S. Army Corps of Engineers
USC	United States Code
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USNPS	U.S. National Park Service
UST	underground storage tank
UTC	United Technologies Corporation
UTM	Universal Transverse Mercator Projection
UXO	unexploded ordnance
V	volt
v/c	volume-to-capacity
VFWO	Ventura Field Office of the US Fish and Wildlife Service
VOC	volatile organic compound
WDR	waste discharge requirement
WEAP	Worker Environmental Awareness Program

Western	Western Area Power Administration
WHA	Wildlife Habitat Area
WMA	Wildlife Management Area
WPA	Works Progress Administration
WRCC	Western Regional Climate Center
WSAC	wet surface air cooler
ZOI	zone of influence