

Acronyms and Abbreviations

°F	degrees Fahrenheit
µg/m ³	micrograms per cubic meter
3-D	three-dimensional
AB	Assembly Bill
AB	Authorized Biologist
AC	alternating current
ACEC	area of critical environmental concern
ac-ft/yr	acre-feet per year
ACHP	Advisory Council on Historic Preservation
ADT	average daily traffic
AFC	Application for Certification
AM	amplitude modulation
amsl	above mean sea level
ANSI/ASME	American National Standards Institute/ American Society for Mechanical Engineers
APCD	air pollution control districts
API	American Petroleum Institute
APN	assessor parcel number
Applicant	Hidden Hills Solar I, LLC, and Hidden Hills Solar II, LLC
APT	aquifer performance test
AQIA	air quality impact assessment
AQMD	air quality management district
ARPA	Archaeological Resources Protection Act
AST	aboveground storage tank
ATC	Authority to Construct
ATCM	Airborne Toxics Control Measure
B.P.	Before Present

BACT	best available control technology
BGEPA	Bald and Golden Eagle Protection Act
BLM	U.S. Bureau of Land Management
BM	Biological Monitor
BMP	best management practice
BOE	Board of Equalization
BrightSource	BrightSource Energy, Inc.
BWM	Bureau of Waste Management
CA OEHHA	California Office of Environmental Health Hazard Assessment
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAISO	California Independent System Operator
CalARP	California Accidental Release Prevention
Cal-IPC	California Invasive Plant Council
Cal-OSHA	California Occupational Safety and Health Administration
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CAS	Chemical Abstract Service
CBC	California Building Standards Code
CCR	California Code of Regulations
CDE	California Department of Education
CDFA	California Department of Food and Agriculture
CDFG	California Department of Fish and Game
CDOGGR	California Division of Oil, Gas, and Geothermal Resources
CDP	Census Designated Place
CDPA	California Desert Protection Act of 1994
CEC	California Energy Commission
CEDD	California Employment Development Department

CEMS	continuous emission monitoring system
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CIWMA	California Integrated Waste Management Act
cm	centimeter(s)
CNDDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	carbon monoxide
CPM	compliance project manager
CRHR	California Register of Historical Resources
CRS	cultural resources specialist
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	decibel
dBA	decibel(s), A-weighted
DC	direct current
DCS	distributed control system
DEM	Digital Elevation Map
DESCP	drainage, erosion, and sediment control plan
DOC	Determination of Compliance
DOF	California Department of Finance
DOT	U.S. Department of Transportation
DPM	diesel particulate matter
DPR	Department of Parks and Recreation
DTSC	Department of Toxic Substances Control

DWMA	Desert Wildlife Management Area
EAF	equivalent availability factor
EFZ	Earthquake Fault Zone
EHS	Extremely Hazardous Substance
EIS	Environmental Impact Statement
EMF	electric and magnetic field
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
EPS	Emissions Performance Standard
ERCs	emission reduction credits
ESA	Endangered Species Act
ESA	Environmental Site Assessment
FAA	Federal Aviation Administration
FAC	Food and Agriculture Code
FDOC	Final Determination of Compliance
FEMA	Federal Emergency Management Agency
FGR	flue gas recirculation
FHWA	Federal Highway Administration
FM	frequency modulation
FY	fiscal year
GAC	granular activated carbon
GBUAPCD	Great Basin Unified Air Pollution Control District
GBVAB	Great Basin Valleys Air Basin
gen-tie	generation tie line
GEP	good engineering practices
GHG	greenhouse gases
gpd/ft	gallons per day per foot
gpm	gallons per minute
GPS	global positioning system

gr/scf	grains per standard cubic foot
GSU	generator step-up
H&SC	California Health & Safety Code
HAP	hazardous air pollutant
HARP	Hotspots Analysis and Reporting Program
HCM	Highway Capacity Manual
HHSEGS	Hidden Hills Solar Electric Generating System
HMBP	Hazardous Material Business Plan
HMMP	Hazardous Material Management Program
HP	high pressure
HRA	human health risk assessment
HRC	Harry Reid Center
HSP	Health and Safety Plan
HWCL	California Hazardous Waste Control Law
Hz	hertz
I/O	input/output
I-15	Interstate 15
IP	intermediate pressure
ISCST3	Industrial Source Complex Short Term, Version 3
ITE	Institute of Transportation Engineers
KOP	key observation point
KRGT	Kern River Gas Transmission
kV	kilovolt(s)
kV/m	kilovolt(s) per meter
LADWP	Los Angeles Department of Water and Power
LAER	lowest achievable emission rate
lb/hr	pounds per hour
L _{dn} or DNL	Day-Night Noise Level
LEPC	local emergency planning committee

L _{eq}	Equivalent Noise Level
L _n	Percentile Noise Level
LO/TO	lock-out/tag-out
LORS	laws, ordinances, regulations and standards
LOS	level of service
LP	low pressure
LSAA	Lake and Streambed Alteration Agreement
mA	milliampere
MBTA	Migratory Bird Treaty Act
MCC	motor control center
MEI	Maximum Exposed Individual
MEIR	Maximum Exposed Individual at residential location
MEIW	Maximally Exposed Individual Worker
MEW	maximally exposed worker
mG	milligauss
mg/L	milligrams per liter
MICR	Maximum Incremental Cancer Risk
mm	millimeter(s)
MMBtu/hr	million British thermal units per hour
MNP	Mojave National Preserve
MOA	Memorandum of Agreement
MPE	maximal permissible exposure
mph	miles per hour
MRZ	Mineral Resource Zone
MSA	Metropolitan Statistical Area
MSDS	Material Safety Data Sheets
MUTCD	Manual of Uniform Traffic Control Devices
MW	megawatt(s)
MWMA	Mojave Weed Management Area

NAAQS	National Ambient Air Quality Standards
NAC	Nevada Administrative Code
NAGPRA	Native American Graves Protection and Repatriation Act
NDEP	Nevada Department of Environmental Protection
NDOT	Nevada Department of Transportation
NED	National Elevation Dataset
NEMO	Northern and Eastern Mojave
NEPA	National Environmental Policy Act
NESC	National Electrical Safety Code
NESHAPS	Hazardous Air Pollutants
NFPA	National Fire Protection Association
ng/m ³	nanogram(s) per cubic meter
NHP	Nevada Highway Patrol Department
NHPA	National Historic Preservation Act
NNHP	Nevada Natural Heritage Program
NO	nitric oxide
NO ₂	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NO _x	nitrogen oxides
NPDES	National Pollution Discharge Elimination System
NPPA	Native Plant Protection Act
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRS	Nevada Revised Statutes
NSPS	New Stationary Sources
NSR	New Source Review
NTZ	Near Tower Zone
NVBAQP	Nevada Bureau of Air Quality Planning
NVCRIS	Nevada Cultural Resource Information System

NVDWR	Nevada Division of Water Resources
NWI	National Wetland Inventory
NWP	Nationwide Permit
O ₂	oxygen
OEHHA	Office of Environmental Health Hazard Assessment
OHP	Office of Historic Preservation's
OHV	off-highway vehicle
OHWM	ordinary high water mark
OLM	Ozone-Limiting Method
OSHA	Occupational Safety and Health Act of 1970
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PDCS	partial dry-cooling system
PDOC	preliminary DOC
PEMS	predictive emissions monitoring system
PFYC	Potential Fossil Yield Classifications
PGA	peak ground acceleration
Pub. L.	Public Law
PM ₁₀	particulate matter less than 10 microns in diameters
PM _{2.5}	particulate matter less than 2.5 microns in diameter
PMI	Point of Maximum Impact
ppbv	parts per billion by volume
PPE	personal protective equipment
ppm	parts per million
PRC	Public Resources Code
PRMMP	Paleontological Resources Monitoring and Mitigation Program
PRS	paleontological resources specialist
PSD	Prevention of Significant Deterioration
psia	pounds per square inch absolute

PTO	Permit to Operate
PV	photovoltaic
PVFRS	Pahrump Valley Fire Rescue Services
PVFZ	Pahrump Valley Fault Zone
RCRA	Resource Conservation and Recovery Act
REGPA	Inyo County Solar and Wind Renewable Energy General Plan Amendment
REL	Reference Exposure Level
RMP	Risk Management Plan
ROI	Region of Influence
ROW	right-of-way
RQ	Reportable Quantity
RUSLE2	Revised Universal Soil Loss Equation
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act of 1986
SBCM	San Bernardino County Museum
SCE	Southern California Edison Company
SERC	State Emergency Response Commission
SF ₆	sulfur hexafluoride
SFS	Stateline Fault System
SHPO	State Historic Preservation Office
SHRA	screening health risk assessment
SIFPD	Southern Inyo Fire Protection Department
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SMNRA	Spring Mountain National Recreation Area
SO ₂	sulfur dioxide
SOP	standard operating procedure
SO _x	sulfur oxides
SPCC	Spill Prevention Control and Countermeasure

SPT	solar power tower
SR	State Route
SRSG	solar receiver steam generator
STG	steam turbine generator
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
T-BACT	Toxics-Best Available Control Technology
TDS	total dissolved solids
TMP	Transportation Management Plan
TNW	traditional navigable Water of the U.S.
TPQ	threshold planning quantity
tpy	tons per year
TQ	threshold quantity
TSDF	treatment, storage, and disposal facility
TSP	total suspended particulate
UCMP	University of California Museum of Paleontology at Berkeley
UMC	University Hospital Medical Center
UPS	uninterruptible power supply
USACE	United States Army Corps of Engineers
USC	United States Code
USFWS	United States Fish and Wildlife Service
USGS	U.S. Geological Survey
VEA	Valley Electric Association
VOC	volatile organic compound
VRM	Visual Resource Management
W/m ²	watt(s) per square meter
WDR	waste discharge requirement
WEAP	Worker Environmental Awareness Program

WREGIS	Western Renewable Energy Generation Information System
WSAC	wet surface air cooler
ZOI	Zone of Influence