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$\mu g/m^3$	micrograms per cubic meter
3D	three-dimensional
AADT	Annual Average Daily Traffic
AAQS	Ambient Air Quality Standards
AB	Assembly Bill
AC	alternating current
ACCC	aluminum conductor composite core
ACSR	aluminum conductor steel reinforced
ACSS	aluminum conductor steel supported
ADT	average daily traffic
AFC	Application for Certification
AFFF	aqueous film-forming foam
AGR	Acid Gas Removal
AHMs	Acutely Hazardous Materials
ALOHA	Areal Locations of Hazardous Atmospheres
ALUC	Airport Land Use Commission
ANSI	American National Standards Institute
APE	Areas of Potential Effect
APN	Assessor Parcel Number
AQMP	air quality management plan
AQRV	air quality related values
ARB	Air Resources Board (California)
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
ASU	air separation unit
ATC	Authority to Construct
BACT	Best Available Control Technology
BLM	Bureau of Land Management
BMP	best management practice
BOP	balance of plant
B.P.	before present
BRMIMP	Biological Resource Mitigation Implementation and Monitoring Plan

BVWSD	Buena Vista Water Storage District
C°	Celsius
CAA	Clean Air Act
CAAA	Clean Air Act Amendments of 1990
CAAQS	California Ambient Air Quality Standards
CAD	computer aided design
CAISO	California Independent System Operator
Cal/EPA	California Environmental Protection Agency
Cal/OSHA	California Occupational Safety and Health Administration
CalARP	California Accidental Release Prevention
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CATEF	California Air Toxics Emission Factor
CB	Construction Battalion
CBC	California Building Code
CCR	California Code of Regulations
CCS	carbon capture and storage
CCW	closed cooling water
CDP	Census Designated Place
CEC	California Energy Commission
CEMS	Continuous Emissions Monitoring System
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act of 1970
CERCLA	Comprehensive Environmental Response, and Compensation Liability Act
CFD	Computational Fluid Dynamics
CFR	Code of Federal Regulations
CH_4	methane
CHP	California Highway Patrol
CHSC	California Health and Safety Code
cm	centimeters
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level

CNPS	California Native Plant Society
CO	carbon monoxide
CO_2	carbon dioxide
COG	Council of Governments
COS	carbonyl sulfide
CPM	Compliance Project Manager
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CTG	combustion turbine generator
CUP	conditional use permit
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
dB	decibel
dBA	A-weighted sound pressure level
DC	direct current
DCS	distributed control system
DEM	Digital Elevation Model
DFG	Department of Fish and Game
DMV	Department of Motor Vehicles
DOC	Determination of Compliance
DOGGR	Division of Oil, Gas, & Geothermal Resources (Department of Conservation)
DOSH	Division of Occupational Safety and Health
DOT	Department of Transportation
DTSC	Department of Toxic Substances Control
DWI	Deep Well Injection
EAP II	Energy Action Plan II
EHCA	Elk Hills Conservation Area
EHCAMP	Elk Hills Conservation Area Management Plan
EHSD	Environmental Health Services Department (Kern County)
EIR	Environmental Impact Report
EOR	Enhanced Oil Recovery

EPC	Engineering Procurement Construction
EPRG	Emergency Response Planning Guideline
EPS	Emission Performance Standard
ERC	emissions reduction credits
ESA	Environmental Site Assessment
ESA	Endangered Species Act
ESIL	Existing Scenic Integrity Level
°F	Fahrenheit (degrees)
FAA	Federal Aviation Administration
FHWA	Federal Highway Administration
GE	General Electric
GIS	geographical information system
GISO	General Industry Safety Orders
gpd	gallons per day
gpm	gallons per minute
GPS	global positioning system
GPU	gas processing unit
H_2	hydrogen
H_2S	hydrogen sulfide
HAP	hazardous air pollutant
HARP	Hotspots Analysis and Reporting Program
HECA	Hydrogen Energy California
HEI	Hydrogen Energy International LLC
HHV	higher heating value
HMBP	Hazardous Materials Business Plan
HP	high pressure
HPC	HP compressor
HPT	HP turbine
HRA	health risk assessment
HRSG	heat recovery system generator
HSSE	Health, Security, Safety, and Environmental
HVAC	heating, ventilation, air conditioning

Hz	hertz
I-5	Interstate 5
IBC	International Building Code
IDLH	Immediately Dangerous to Life and Health
IEEE	Institute of Electrical and Electronics Engineers
IGCC	Integrated Gasification Combined Cycle
IIP	Injury and Illness Prevention
ISO	International Organization for Standardization
IP	intermediate pressure
IPT	IP turbine
JHA	job hazard assessment
kA	short circuit rating
KCFD	Kern County Fire Department
KCmil	thousand circular mil (wire size, formerly MCM)
KOP	key observation point
kV	kilovolt
kW	kilowatt
L_{10}	sound levels equaled or exceeded 10 percent of the time
L_{50}	sound levels equaled or exceeded 50 percent of the time
L_{90}	sound levels equaled or exceeded 90 percent of the time
LACM	Los Angeles County Natural History Museum
L_{DN}	day night average sound level
L_{EQ}	energy equivalent sound level
LIN	liquid nitrogen
L_{MAX}	root-mean-square maximum noise level
L_{MIN}	root-mean-square minimum noise level
LORS	laws, ordinances, regulations, and standards
LOS	levels of service
LOX	liquid oxygen
LP	low pressure
LPC	the LP compressor
LTGC	Low Temperature Gas Cooling

MBTA	Migratory Bird Treaty Act
MDEA	methyldiethanol amine
mg/L	milligrams per liter
mgd	million gallons per day
mm	millimeters
MMBtu	million British thermal units
MMSCFD	million standard cubic feet per day
mph	miles per hour
MSDS	Material Safety Data Sheet
msl	mean sea level
MUTCD	(California) Manual on Uniform Traffic Control Devices
M_w	moment magnitude
MW	megawatt
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NALMA	North American Land Mammal Age
NEMA	National Electrical Manufacturers Association
NEPA	National Environmental Policy Act
NESHAPs	National Emission Standards for Hazardous Air Pollutants
NFPA	National Fire Protection Association
NGVD	National Geodetic Vertical Datum
NH_3	ammonia
NIOSH	National Institute for Occupational Safety and Health
NO	nitrogen oxide
NO_x	oxides of nitrogen
NO_2	nitrogen dioxide
NPDES	National Pollutant Discharge Elimination System
NPR	Naval Petroleum Reserve
NPS	National Park Service
NRCS	Natural Resources Conservation Services
NRHP	National Register of Historic Places
NSA	noise sensitive areas

NSPS	New Source Performance Standards
O_3	ozone
O&M	operation and maintenance
OCA	Off-site Consequences Analysis
OEHHA	Office of Environmental Health Hazard Assessment
OES	Office of Emergency Services
OHGW	overhead ground wire
OLM	ozone limiting method
OPGW	optical ground wires
OSHA	Occupational Safety & Health Administration
OWS	oil/water separator
P&I	Plant and Instrument
Pb	lead
PCE	passenger car equivalent
PDC	Power Distribution Centers
PEL	Permissible Exposure Limit
PG&E	Pacific Gas & Electric
PHMSA	Pipeline and Hazardous Materials Safety Administration
P.L.	Public Law
PM_{10}	particulate matter less than 10 microns in diameter
PPE	personal protective equipment
ppm	parts per million
ppmv	parts per million by volume
ppmvd	parts per million volumetric dry
psi	pound per square inch
PRC	PaleoResource Consultants
PSD	Prevention of Significant Deterioration
psia	pounds per square inch absolute
psig	pounds per square inch gauge
PTO	Permit to Operate
PWL or L_w	sound power level
RCRA	Resource Conservation and Recovery Act

REC	Recognized Environmental Conditions
REL	reference exposure level
RMP	Risk Management Plan
RO	reverse osmosis
ROG	reactive organic gases
ROW	right of way
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SAC	single annular combustor
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SBMNH	San Bernardino County Museum of Natural History
scf	standard cubic feet
SCR	selective catalytic reduction
SCS	Soil Conservation Service
SIL	significant impact level
SIP	State Implementation Plan
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SLF	Sacred Lands File
SLM	Sound Level Meter
SO_x	sulfur oxide
SO_2	sulfur dioxide
SO_3, SO_4	sulfate compounds
SOP	standard operating procedure
SPCC	Spill Prevention, Control, and Countermeasures
SPL or L_p	sound pressure level
sq m	square meter
SR	State Route
SRU	sulfur recovery unit
SSJVIC	Southern San Joaquin Valley Information Center
SSURGO	Soil Survey Geographic (database)

STEL	Short Term Exposure Limit
STG	steam turbine generator
SVP	Society of Vertebrate Paleontology
SWPPP	storm water pollution prevention plan
SWRCB	State Water Resources Control Board
SWS	Sour Water Stripper
syngas	synthesis gas
T&E	threatened and endangered
TAC	toxic air contaminant
TBACT	Toxic Best Available Control Technology
TDS	total dissolved solids
TGTU	Tail Gas Treatment Unit
THI	total hazard index
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act of 1976
TSD	transfer, storage, and disposal
TWA	time-weighted average
U.S.	United States
USC	United States Code
UBC	Uniform Building Code
UCMP	University of California Museum of Paleontology
UFC	Uniform Fire Code
UIC	underground injection control
USACE	U.S. Corps of Army Engineers
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USFS	U.S. Forest Service
USFWS	U. S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	underground storage tank
V	volt
VAC	visual absorption capability

VOC	volatile organic compound
VRM	Visual Resource Management
VRMM	visual resources mitigation measure
VSOI	visual sphere of influence
WCC	Water Cooled Condenser
WDR	Waste Discharge Requirements
WSO	Weather Service Office
WSS	Web Soil Survey
ZLD	zero liquid discharge