

Acronyms and Abbreviations

°F	degrees Fahrenheit
µg/m ³	micrograms per cubic meter
1,2-DBA	1,2-dibromoethane
1,2-DCA	1,2 dichloroethane
AAQS	ambient air quality standards
AB	Assembly Bill
AC	alternating current
ADT	Average Daily Traffic
AFC	Application for Certification
AKC	anti-knock compounds
APE	area of potential effect
API	American Petroleum Institute
APLIC	Avian Power Line Interaction Committee
AQMD	air quality management district
ASME	American Society of Mechanical Engineers
AST	aboveground storage tank
ATC	Authority to Construct
ATCM	airborne toxics control measure
ATSF	Atchison, Topeka, and Santa Fe
BAAQMD	Bay Area Air Quality Management District
BACT	best available control technology
BART	Bay Area Rapid Transit
BGEPA	Bald and Golden Eagle Protection Act
BMP	best management practice
BNSF	Burlington Northern Santa Fe
BOE	State Board of Equalization
BRMIMP	Biological Resources Mitigation Implementation Monitoring Plan

Btu	British thermal unit
Btu/kWh	British thermal units per kilowatt hour
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAISO	California Independent System Operator
CalARP	California Accidental Release Program
CalEPA	California Environmental Protection Agency
Cal-OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CAM	Compliance Assurance Monitoring
CARB	California Air Resources Board
CAS	Chemical Abstract Service
CBC	California Building Code
CCGS	Contra Costa Generating Station
CCPP	Contra Costa Power Plant
CCR	California Code of Regulations
CCTA	Contra Costa Transportation Authority
CDFG	California Department of Fish and Game
CDMG	California Division of Mines and Geology
CDOGGR	California Division of Oil, Gas and Geothermal Resources
CEC	California Energy Commission
CEDD	California Employment Development Department
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	California Endangered Species Act
CFC	chlorofluorocarbons
CFR	Code of Federal Regulations
CGS	California Geological Survey
CHP	California Highway Patrol

CHRIS	California Historical Resources Information System
CIWMA	California Integrated Waste Management Act
CIWMB	California Integrated Waste Management Board
CMS	Continuous Monitoring Systems
CNDDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	carbon monoxide
COC	constituent of concern
CPM	Compliance Project Manager
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CRS	Cultural Resource Specialist
CT	carbon tetrachloride
CTG	combustion turbine-generators
CTI	Cooling Tower Institute
cu ft	cubic feet
CUPA	Certified Unified Program Agency
CVC	California Vehicle Code
CWA	Clean Water Act
dB	decibel
dBA	A-weighted decibel
DBE	Design Basis Earthquake
DC	direct current
DCS	distributed control system
DEM	Digital Elevation Model
DESCP	drainage, erosion, and sediment control plan
DLN	dry low NO _x
DOC	California Department of Conservation
DOC	Determination of Compliance
DOF	California Department of Finance

DPR	California Department of Parks and Recreation
DTSC	California Department of Toxic Substances Control
du/ac	dwelling units per acre
DuPont	E.I. du Pont de Nemours and Company
DWD	Diablo Water District
EAF	equivalent availability factor
ECCC	East Contra Costa County
ECCFPD	East Contra Costa Fire Protection District
EDI	electrodeionization
EDR	Environmental Data Resources, Inc.
EEP	Engineered Equipment Package
EHS	Extremely Hazardous Substance
EIR	environmental impact report
EMF	electromagnetic field
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act of 1986
ERC	emissions reduction credit
ESA	Endangered Species Act
ESA	Environmental Site Assessment
FAA	Federal Aviation Administration
FAR	Floor Area Ratio
FERC	Federal Energy Regulatory Commission
FMMP	Farmland Mapping and Monitoring Program
FR	Federal Register
FY	fiscal year
GE	General Electric
GEP	Good Engineering Practice
GFCI	Ground Fault Circuit Interrupters
GGG	Gateway Generating Station
GHG	greenhouse gases

GO	General Order
gpm	gallons per minute
GSU	generator step-up
HAPs	hazardous air pollutants
HARP	Hotspots Analysis and Reporting Program
HazMat	hazardous materials
HCM	Highway Capacity Manual
HCP/NCCP	Habitat Conservation Plan/Natural Communities Conservation Plan
HHV	higher heating value
H-I	Heavy Industrial
HMBP	Hazardous Materials Business Plan
HP	high pressure
HRA	health risk assessment
HRSG	heat recovery steam generator
HSP	Health and Safety Plan
HWCL	Hazardous Waste Control Law
I/O	input/output
IEPR	Integrated Energy Policy Report
IP	intermediate pressure
ISD	Ironhouse Sanitary District
kA	kiloampere
kg/ha/yr	kilograms per hectare per year
KOP	key observation point
kV	kilovolt
kWh	kilowatt hour
Lb/hr	pounds per hour
lb/MW-hr	pounds per megawatt-hour
L _{dn} or DNL	Day-Night Sound Level
LEPC	local emergency planning committee

L _{eq}	equivalent sound pressure 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
m	meter
m/s	meter/second
Ma	Million years ago
MACT	maximum achievable control technology
MBTA	Migratory Bird Treaty Act
MCC	motor control center
MCE	maximum credible earthquake
MD	Metropolitan District
MEI	maximum exposed individual
MF	microfiltration
MIR	maximum impact receptor
MLGS	Marsh Landing Generating Station
mm	millimeter
MMBtu	million British thermal units
MSDS	Material Safety Data Sheet
msl	mean sea level
MW	megawatt
Na ₃ PO ₄	trisodium phosphate
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NaOH	sodium hydroxide
NEIHS	National Institute of Environmental Health Sciences
NFPA	National Fire Protection Association
ng/J	nanograms per joule

NH ₃	ammonia
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSR	New Source Review
O&M	operations and maintenance
OCA	Offsite Consequences Analysis
OEHHA	California Office of Environmental Health Hazard Assessment
OPLMA	Omnibus Public Land Management Act of 2009
OSHA	Occupational Safety and Health Administration
PAH	polycyclic aromatic hydrocarbons
PBA	peak bedrock acceleration
PCE	Passenger Car Equivalent
PG&E	Pacific Gas and Electric Company
PM _{2.5}	particulate matter with a diameter less than 2.5 microns
PM ₁₀	particulate matter with a diameter less than 10 microns
POC	precursor organic compounds
ppbv	parts per billion by volume
PPE	personal protective equipment
ppm	parts per million
ppmvd	parts per million by volume, dry basis
ppmw	parts per million by weight
PRC	Public Resources Code
PRS	paleontological resources specialist
PSD	Prevention of Significant Deterioration
PSM	Process Safety Management
PTO	Permit to Operate
RBSC	risk-based screening concentration

RCRA	Resource Conservation and Recovery Act
REL	Reference Exposure Level
RICE	Reciprocating Internal Combustion Engines
RMP	Risk Management Plan
RO	reverse osmosis
ROW	right-of-way
RPS	Renewable Portfolio Standard
RQ	reportable quantities
RUSLE2	Revised Universal Soil Loss Equation
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act
SCAQMD	South Coast Air Quality Management District
SCR	selective catalytic reduction
SERC	State Emergency Response Commission
SFBAAB	San Francisco Bay Area Air Basin
SIL	Significant Impact Level
SO ₂	sulfur dioxide
SO _x	sulfur oxides
SPCC	Spill Prevention Control and Countermeasures
SPRR	Southern Pacific Railroad
SR	State Route
STG	steam turbine generator
SVP	Society of Vertebrate Paleontology
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminants
TCE	tetrachloroethene
TDS	total dissolved solids
TIBL	Thermal Internal Boundary Layer
TiO ₂	titanium dioxide

TMP	Transportation Management Plan
TPQ	threshold planning quantities
tpy	tons per year
TSD	treatment, storage, and disposal
TSP	total suspended particulates
UCMP	University of California Museum of Paleontology
UE	Utility Energy
ULL	Urban Limit Line
UPS	uninterruptible power supply
USACE	U.S. Army Corps of Engineers
USC	United States Code
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
USNPS	U.S. National Park Service
UTM	Universal Transverse Mercator
V/C ratio	volume/capacity ratio
VOC	volatile organic compound
WDA	Western Development Area
WEAP	Worker Environmental Awareness Program
WQO	water quality objective
ZLD	zero liquid discharge