

0-9

1/d	the rate of 1 divided by the distance
1/d ²	the rate of 1 divided by the distance squared.

A

AADT	average annual daily traffic
AAQS	Ambient Air Quality Standards
ABA	Architectural Barriers Act
ABDSP	Anza-Borrego Desert State Park
AC	alternating current
ACEC	Area of Critical Environmental Concern
ACM	asbestos-containing material
ACOE	United States Army Corps of Engineers
ACSR	Aluminum conductor steel reinforced
ADA	Americans with Disabilities Act
AEAU	alternative energy and alternative use
AF	acre-feet
AFAs	Artillery Firing Areas
Afterbay	lower reservoir
AFY	Acre/feet/year
AGL	Above ground level
AIS	air-insulated
ALJ	Administrative Law Judge
AM	Amplitude Modulation
AMSL	Average Mean Sea Level
APCD	Air Pollution Control District
APE	Area of potential effect
APEFZA	Alquist-Priolo Earthquake Fault Zoning Act
APLIC	Avian Power Line Interaction Committee
APS	American Physics Society
AQMD	Air Quality Management District
AQMP	Air Quality Management Plan
AQRVs	air quality-related values
ARPA	Archaeological Resources Protection Act of 1979
AS	ancillary services
ASTM	American Society of Testing and Materials
AVP	Auld Valley Pipeline

B

BCMUR	Back Country, Motorized Use Restrictions
BCNM	Back Country, Non-Motorized
BIA	U.S. Bureau of Indian Affairs
BLM	Bureau of Land Management
BMPs	Best Management Practices
BO	Biological Opinion
BOS	Board of Supervisors

BTUs	British Thermal Units
C	
°C	degrees Celsius
CAAQS	California's Ambient Air Quality Standards
CAES	compressed air energy storage
CAGN	California Gnatcatcher
CAISO	California Independent System Operator
CalEPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CARB	California Air Resources Control Board
CCA	community choice aggregators
CCAA	California Clean Air Act
CCR	California Code of Regulations
CDC	California Department of conservation
CDE	California Department of Education
CDF	California Department of Finance
CDF or CALFIRE	California Department of Forestry
CDFA	California department of Food and Agriculture
CDFG	California Department of Fish and Game
CDP	Census Designated Place
CEC	California Energy Commission
CEDD	California Employment Development Department
CEERT	Center for Energy Efficiency and Renewable Technologies
CEO	Chief Executive Officer
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CF	California Fish
CFCs	chlorofluorocarbons
CFS	cubic feet per second
CGC	California Government Code
CH ₄	methane
CHD	critical habitat designated
CIT	California Institute of Technology
CLC	California Labor Code
CLUP	Comprehensive Land Use Plan
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNF	Cleveland National Forest
CNG	California National Guard
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
Co-applicants	Elsinore Valley Municipal Water District and Nevada Hydro Company, Inc.

COD	Commercial Operating Date
Commission	California Public Utilities Commission
CPC	California Penal Code
CPCN	certificate of public convenience and necessity
CPSC	Consumer Product Safety Commission
CPUC	California Public Utilities Code
CRA	Colorado River Aqueduct
CRAM	California Rapid Assessment Method
CSRTP	CAISO South Regional Transmission Plan
CTR	California Toxics Rule
CUPA	certified unified program agencies
CVC	California Vehicle Code
CWA	Clean Water Act
CZMA	Coastal Zone Management Act
D	
DAI	Developed Area Interface
dba	A-weighted decibel scale
dbh	diameter at breast height
DDT	dichlorodiphenyltrichloroethane
DEIR	Draft Environmental Impact Report
DEIS	Draft Environmental Impact Statement
DG	decomposed granitic
DG	Distributed generation
DHS	Department of Health Services
DMG	Division of Mines and Geology
DO	dissolved oxygen
DOE	Department of Energy
DON	Department of the Navy
DPV2	Devers-Palo Verde No. 2
DR	demand-response
DSM	demand-side management
DSMP	Distribution System Master Plan
DSOD	Division of Safety of Dams
DTSC	Department of Toxic Substances Control
E	
EAP	Energy Action Plan
EAP	Emergency Action Plan
EAP II	Energy Action Plan II – Implementation Roadmap for Energy Policies
ECPA	Electric Consumers Protection Act
ECW	Emergency Conservation Work Act
EDR	Environmental Data Resources
EE	energy-efficiency
EEl	Edison Electric Institute

EFZ	Elsinore Fault Zone
eGRID	Emissions & Generation Resource Integrated Database
EHGA	Elsinore Hang gliding Association
EIA	Energy Information Administration
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
ELF	extremely low frequency
EMaps	EnviroMapper
EMFs	Electric and Magnetic Fields
EO	Executive Order
EPA	U.S. Environmental Protection Agency
EPAct 2005	The Energy Policy Act of 2005
EPCRA	The federal Emergency Planning and Community Right-to-know Act of 1986
EPP	Environmental Protection Plan
EPRI	The Electric Power Research Institute
EPS	emission performance standard
ESA	Endangered Species Act
ESPs	Energy service providers
ET	annual evapotranspiration
EVMWD or District	Elsinore Valley Municipal Water District
EWD	Elsinore Water District
F	
°F	degrees Fahrenheit
FAA	Federal Aviation Administration
FACTS	Flexible AC Transmission Systems
FEMA	Federal Emergency Management Agency
FEIR	Final Environmental Impact Report
FEIS	Final Environmental Impact Statement for Hydropower License
FERC	Federal Energy Regulatory Commission
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Maps
FLA	Final License Application
Flood Control District	Flood Control and Water Conservation District
FLPMA	Federal Land Policy and Management Act
FM	Frequency Modulation
FMMP	Farmland Mapping and Monitoring Program
FMP	field management plan
Forebay	Upper Reservoir
FPA	Federal Power Act of 1920
FPPA	Farmland Policy Protection Act of 1981
fps	feet per second
FS	Facility Study

FSHs	Forest Service Handbooks
FSMs	Forest Service Manuals
FSORAG	Forest Service Outdoor Recreation Accessibility Guidelines
FSTAG	Forest Service Trail Accessibility Guidelines
Ft ³ /s	cubic feet per second
FWS	U.S. Fish and Wildlife Service
FY	future year
G	
G	Gauss
GAO	Government Accountability Office
GC	Game Code
GHG	Greenhouse Gases
GIL	gas-insulated lines
GIS	gas-insulated substation
GIS	gas-insulated switchgear
GIS	Geographic Information System
GPA	General Plan Amendment
GWh	Giga watts per hour
GWMP	Elsinore Basin Groundwater Management Plan
H	
HANS	Habitat Evaluation Acquisition and Negotiation System
HCP	habitat conservation plan
HDPE	high-density polyethylene
HFCs	hydrofluorocarbons
HFRA	Healthy Forests Restoration Act
HMMD	Hazardous Material Management Division
HPFF	high-pressure fluid-filled
HPMP	HPMP historic properties management plan
HRA	Hazardous Recreational Activity
HSA	Hydraulic Sub-Area
HSWA	The Federal Hazardous and Solid Waste Amendments
HTRW	hazardous toxic radioactive waste
HU	Hydraulic Unit
HUD	Housing and Urban Development
HWCL	Hazardous waste Control Law
Hz	Hertz
I	
I-15	Interstate - 15
IA	Implementing Agreement
ICBO	International Conference of Building officials
ICC	International Code Council
IEEE	Institute of Electrical and Electronics Engineers
IFR	instrument flight rule

IFSs	Interconnection Facilities Studies
IID	Imperial Irrigation District
INRMP	Integrated National Resource Management Plan
Interior	U.S. Department of Interior
IPCC	Intergovernmental panel on climate change
IPM	Integrated Pest Management
iRETs	intermittent renewable energy technologies
ISCD	Initial Stage Consultation Document
ISEP	Imperial Valley-San Diego Expansion Plan
J	
Joint Watershed Authority	Lake Elsinore and San Jacinto Watersheds Authority
K	
kA	Kiloamps
kCMIL	thousands of circular miles
km	Kilometers
kV	kilovolt
KVPs	key viewpoints
kW	kilowatt
kWh	kilowatt-hour
L	
L _%	percentile distributions of sound levels
LAA	Los Angeles' aqueduct
LACM	Los Angeles County Museum
LADWP	Los Angeles Department of Water and Power
LAFCO	Local Agency Formation Commission
LBV	Least Bell's Vireo
LCR	local capacity requirements
L _{dn}	day-night average sound level
L _{eq}	equivalent sound level
LEAPS	Lake Elsinore Advanced Pumped Storage
LEAPS/OC	Lake Elsinore Advanced Pumped Storage Oversight Committee
LEAPS/TAC	Lake Elsinore Advanced Pumped Storage Technical Advisory Committee
LEPC	Local Emergency Planning Committee
LESJWA	Lake Elsinore and San Jacinto Watershed Authority
LFAM	Live Fire and Maneuver
LGIA	Large-Generator Interconnection Agreement
LID	low impact development
LOS	level of service
LRA	Local Responsibility Areas
LSEs	Load Serving Entities
LUST	leaking underground storage tank

M

m	meters
MBA	Michael Brandman Associates
MBTA	Migratory Bird Treaty Act
MCAS	Marine Corps Air Station
MDR	medium-Density Residential
MEP	maximum extent practicable
MFA's	Mortar Firing Areas
mG	milliGauss
MGD	million gallons per day
Mg/l	milligrams per liter
MIS	management indicator species
MMS	Minerals Management Service
MMTCE	million metric tons of carbon equivalents
Mm/yr	millimeters per year
MOA	memorandum of agreement
MOU	Memorandum of Understanding
MRZ-2	Mineral resource Zone 2
MSAA	Master Streambed Alteration Agreement
M-SC Zone	Manufacturing – Service Commercial
MSDS	Material safety Data Sheets
MSHCP	Multi-Species Habitat Conservation Plan
MSL	mean sea level
MTBA	The Federal Migratory Bird Treaty Act of 1918
MUTCD	Manual on Uniform Traffic Control Devices
MW	megawatt
MWD	Metropolitan Water District of Southern California
MWh	megawatt hours

N

NAAQS	national ambient air quality standards
NAGPRA	Native American Graves Protection and Repatriation Act
NAHC	Native American Heritage Commission
NAS	National Academy of Science
NAS	Naval Air Station
National Register	National Register of Historic Places
NCCP	natural community conservation plan
NEPA	National Environmental Policy Act
NERC	North American Electric Reliability Corporation
NESC	National Electric Safety Code
NESHAP	National Emission Standards for Hazardous Air Pollutants
Nevada Hydro	Nevada Hydro Company
NFMA	national Forest Management Act
NFS	National Forest System
NHPA	National Historic Preservation Act of 1966
NIEHS	National Institute of Environmental Health Sciences

NIETC	National Interest Electric Transmission Corridor
NISC	National Invasive Species Council
NMFS	National Marine Fisheries Service
NOAA Fisheries	National Oceanic and Atmospheric Administration Fisheries
NOLF	Navy Outlying Field
NOPs	Notices of Preparation
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRC	National Response Center
NRCS	Natural Resources Conservation Service
NSR	New Source Review
NWP	nationwide permit
O	
O&M	operation and maintenance
OCS	Outer Continental Shelf
OES	Office of Emergency Services
OHL	overhead line
OHP	Office of Historic Preservation
OHV	Off highway Vehicle
OHWM	
Ordinance No. 348	Riverside County Zoning Ordinance
OSHA	Occupational Safety and Health Administration
P	
PA	Programmatic Agreement
Pb	Lead
PCBs	polychlorinated biphenyls
PCE	perchloroethene
PEA	Proponent's Environmental Assessment
PFCs	perfluorocarbons
PIER	Public Interest Energy Research
PLC	programmable logic control
PM	particulate matter
PM _{2.5}	particulates that have an aerodynamic diameter of 2.5 microns or smaller
PM ₁₀	particulate matter less than 10 microns
PM&Es	environmental protection, mitigation, and enhancement measures
POUs	publicly owned electric Utilities
PPM	parts per million
PRC	Public Resources Code
PSD	Prevention of Significant Deterioration
PUC	Public Utilities Code
PV	photovoltaics

Q

QCB quino checkerspot butterfly

R

R rural
 RAQS Regional Air Quality Standards
 RCA Riparian Conservation Areas
 RCC reinforced concrete
 RCFD Riverside County Fire Department
 RCHCA Western Riverside County Regional Conservation Agency
 RCP Regional Comprehensive Plan
 RCP reinforced concrete pipe
 RCRA Resource Conservation and Recovery Act
 RCWD Rancho California Water District
 RFRCP Recreational Fishery Resources Conservation Plan
 RMP Risk Management Plan
 RMR Reliability-Must-Run
 RMVC Rancho Mission Viejo Company
 RN Roaded Natural
 ROG reactive organic gases
 ROR run-of-the river
 ROS Recreation Opportunity Spectrum
 ROW Right of way
 RPA Resources Planning Act
 RPS Renewable Portfolio Standard
 RQ reportable Quantity
 RSS Riversidean sage scrub
 RTU Remote Terminal Units
 RWQCB Regional Water Quality Control Board

S

S&HC California Streets and Highway Code
 SAA streambed alteration agreement
 SAMP Special Area Management Plan
 SANDAG San Diego Association of Governments
 SARWQCB Santa Ana Region Water Quality Control Board
 SAWPA Santa Ana Watershed Power Authorities
 SB Senate Bill
 SBPP South Bay Power Plant
 SCAB The South Coast Air Basin
 SCADA Supervisory Control and Data Acquisition
 SCAG Southern California Association of Governments
 SCAQMD The South Coast Air Quality Management District
 SCCAPWA Southern California Chapter of the American Public Works Association
 SCE Southern California Edison Company

SCFF	self-contained fluid-filled
SCPEA	Standard City Planning Enabling Act
SCWP	South Coast Wildlands Project
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SDG&E	San Diego Gas & Electric Company
SDRWQCB	San Diego Region Water Quality Control Board
SERC	State Emergency Response Commission
SF6	Sulfur hexafluoride
SFHA	Special Flood Hazard Areas
SHMA	Seismic Hazards Mapping Act
SHPO	State Historic Preservation Officer
SIOs	scenic integrity objectives
SIP	State Implementation Plan
SIS	System Impact Study
SKR	Stephens' kangaroo rat
SMA	Subdivision Map Act
SMARA	The Surface Mining and Reclamation Act
SMER	Santa Margarita Ecological Reserve
SMGB	State Mining and Geology Board
SMP	surveillance and monitoring plan
SMR	surveillance and monitoring report
SMS	scenary management system
SOCTIIP	South Orange County Transportation Infrastructure Improvement Project
SOI	Sphere of Influence
SONGS	San Onofre Nuclear Generating Station
SOx	Oxides of sulfur
SPCC	Spill Prevention Control and Countermeasures
SPM	Semi-primitive, Motorized
SPNM	Semi-primitive, Non-motorized
SPS	Special Protection System
SR	State Route
SRPL	Sunrise Powerlink Project
STEP	Southwest Transmission Expansion Plan
STID	standard technical information document
SUA	Special Use Airspace
SUPs	special use permits
SWF	Southern Willow Flycatcher
SWP	State Water Project
SWPL	Southwest Power Link
SWPPP	storm water pollution prevention plan
SWRCB	State Water Resources Control Board
SWSAS	Storm Water Sampling and Analysis Strategy
SZEA	Standard Zoning Enabling Act

T	
T	tesla
TAC	Transmission access charge
TASAS	Traffic Accident Surveillance and Analysis System
TBM	tunnel-boring machine
TCPs	Traffic Control Plans
TDM	traffic demand managemnet
TEC	Tudor Engineering Company
TERF	helicopter terrain flight
TE/VS Interconnect	The Talega-Escondido/Valley-Serrano 500-kV Interconnect
TE/VS Interconnect Project	The Talega-Escondido/Valley-Serrano 500-kV Interconnect Project
THPO	tribal historic preservation officer
TIA	Traffic Impact Analysis
T/L	Transmission Line
TMDL	Total maximum Daily Load
TNHC or the Applicant	The Nevada Hydro Company
TP	total phosphorus
TRD	Trabuco Ranger District
TSM	Transportation System Management
TVP	Temescal Valley Pipeline
U	
UBC	Uniform Building Code
UDC	Unified Disaster Council
UFC	Uniform Fire Code
µg/l	micrograms per liter
UIC	Urban-Wildland Interface Code
UNEP	United Nations Environment Program
URMPs	urban runoff management plans
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
USMC	United States marine Corps
USPA	United States Parachute Association
UST	underground storage tank
UWMPA	Urban Water Management Planning Act
V	
VBDS	Vector-Borne Disease Section
VFR	visual flight rules
VHFHSZ	very high fire hazard severity zones
V/m	volts per meter

VMT	vehicle miles traveled
VOC	Volatile Organic Compounds
VRBs	vanadium redox flow batteries
VRI	Valley - Rainbow Interconnection
VRM	Visual; Resource Management
VSH	Voith Siemens Hydro, Inc.
VS-VC	Visual Sensitivity-Visual Change
W	
WARM	Warmwater Habitat
WATCH	Work Area Traffic Control Handbook
WECC	Western Electric Coordinating Council
Williamson Act	The California Land Conservation Act
WMO	World Meteorological Organization
WNV	West Nile Virus
WoUS	waters of the United States
WRCOG	Western Riverside Council of Governments
WRF	Water Reclamation Facility
WSA	Water Supply Assessment
WSCC	Western System Coordinating Council
WUI	wildland urban interfaces
X	
XLPE	cross-linked polyethylene
Y	
Z	
ZC	Zone Control