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ACRONYMS AND ABBREVIATIONS

AAQS	Ambient Air Quality Standards
AB	Assembly Bill
ACEC	Area of Critical Environmental Concern
ACGIH	American Conference of Governmental Industrial Hygienists
ACOE	U.S. Army Corps of Engineers
ACSR/AW	Aluminum-Clad Steel Reinforced/Aluminum Wire
ADT	average daily traffic
ALJ	Administrative Law Judge
ALUC	Airport Land Use Commission
ALUCP	Airport Land Use Compatibility Plan
amsl	above mean sea level
APCD	Air Pollution Control District
API	American Petroleum Institute
APLIC	Avian Power Line Interaction Committee
APM	applicant proposed measure
A-P Zone	Alquist-Priolo Special Studies Zone
AQIA	Air Quality Impact Assessment
ARPA	Archaeological Resources Protection Act
ASTM	American Society for Testing and Materials
ATCM	Airborne Toxic Control Measure
AUM	animal units per month
BAFC	Border Agency Fire Council
BEA	Bureau of Economic Analysis
BIA	Bureau of Indian Affairs
BLM	Bureau of Land Management
BMP	best management practice
BOE	Board of Equalization (State of California)
CAA	federal Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAISO	California Independent System Operator
CAL FIRE	California Department of Forestry and Fire Protection
Cal/EPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CBC	California Building Code
CBP	Customs and Border Protection (U.S.)

ACRONYMS AND ABBREVIATIONS (Continued)

CCD	Census County Division
CCR	California Code of Regulations
CDCA	California Desert Conservation Area
CDE	California Department of Education
CDF	California Department of Forestry
CDFG	California Department of Fish and Game
CEC	California Energy Commission
CEDS	Community Economic Development Strategy
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFE	Comisión Federal de Electricidad
CFR	Code of Federal Regulations
CH ₄	methane
CHHSL	California Human Health Screening Levels
CMP	Congestion Management Program
CMU	Concrete Masonry Unit
CNEL	Community Noise Equivalent Level
CNF	Cleveland National Forest
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ E	carbon dioxide equivalent
COR	utility corridor
CPCN	Certification of Public Convenience and Necessity
CPUC	California Public Utilities Commission
CSLC	California State Lands Commission
CWA	Clean Water Act
CY	cubic yards
dB	decibel
dBA	A-weighted decibel (adjusted for human frequencies)
DEH	County of San Diego Department of Environmental Health
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichloroethylene
DDT	dichlorodiphenyltrichloroethane
DHS	Department of Homeland Security
DOC	California Department of Conservation

ACRONYMS AND ABBREVIATIONS (Continued)

DOD	Department of Defense
DPLU	Department of Planning and Land Use
DTSC	Department of Toxic Substance Control
DU	dwelling unit
DWA	designated wilderness area
DWR	California Department of Water Resources
ECO	East County
EDR	Environmental Data Resources Inc.
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
ELF	extremely low frequency
EMF	electromagnetic field
EMI	electromagnetic interference
EPA	U.S. Environmental Protection Agency
EPRI	Electric Power Research Institute
ESA	Endangered Species Act
ESDC	Eastern San Diego County
ESJ	Energia Sierra Juarez
FAA	Federal Aviation Administration
FAR	Federal Aviation Regulations
FCC	Federal Communications Commission
FCD	San Diego County Flood Control District
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FLPMA	Federal Land Policy and Management Act
FMMP	Farmland Mapping and Monitoring Program
FMP	Fire Management Plan
FMZ	Fire Management Zone
FPP	Fire Protection Plan
FPPA	Farmland Protection Policy Act
FRAP	Fire and Resource Assessment Program
FTA	Federal Transit Administration
GHG	greenhouse gas
GIS	Geographic information system
GWP	global warming potential

ACRONYMS AND ABBREVIATIONS (Continued)

H ₂ O	water vapor
HFC	hydrofluorocarbon
HMBP	hazardous materials business plan
HMMD	San Diego County Department of Environmental Health Hazardous Materials Management Division
HMMP	Hazardous Materials Management Plan
HVAC	heating, ventilation, and air-conditioning
HWCL	California Hazardous Waste Control Law
Hz	Hertz
I-8	Interstate 8
IARC	International Agency for Research on Cancer
IBEW	International Brotherhood of Electronics Workers
IEEE	Institute of Electrical and Electronics Engineers
IRMP	Integrated Resource Management Plan
IRPA/INIRC	Non-Ionizing Radiation Committee of the International Radiation Protection Association
kcml	thousand circular mil
KOP	key observation point
kV	kilovolt
kW	kilowatt
kWh	kilowatt-hour
L _{dn}	day-night average sound level
L _{eq}	equivalent level over a given time period
LAFCO	Local Agency Formation Commission
LBP	lead-based paint
LESA	Land Evaluation and Site Assessment
LMP	Land Management Plan
LOS	level of service
LRA	local responsibility area
LSE	load-serving entities
LUA	Land Use Authorization
LUST	leaking underground storage tanks
MCD	Minor civil division

ACRONYMS AND ABBREVIATIONS (Continued)

mG	milligauss
mg	milligram
MMCRP	Mitigation Monitoring, Compliance, and Reporting Program
MMTCO ₂ E	million metric tons of carbon dioxide equivalent
MOU	Memorandum of Understanding
MP	milepost
mph	miles per hour
MRZ	mineral resource zone
MTBE	methyl tertiary butyl ether
MTCO ₂ E/yr	metric tons of CO ₂ per year
MTS	Metropolitan Transit Service
MUP	Major Use Permit
MVA	megavolt ampere
MVAR	megavolt ampere reactive
MW	megawatt
MWh	megawatt-hour
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NCA	National Conservation Area
NCP	National Contingency Plan
NCTD	North County Transit District
NEE	net ecosystem exchange
NEMA	National Electrical Manufacturers Association
NEPA	National Environmental Policy Act
NERC	North American Electric Reliability Corporation
NESC	National Electrical Safety Code
NF ₃	nitrogen trifluoride
NHPA	National Historic Preservation Act
NIEHS	National Institute of Environmental Health Sciences
NLCS	National Landscape Conservation System
NOAA	National Oceanic and Atmospheric Administration
NOI	Notice of Intent
NOP	Notice of Preparation
NO _x	oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NRCS	U.S. Department of Agriculture National Resources Conservation Service

ACRONYMS AND ABBREVIATIONS (Continued)

NREL	National Renewable Energy Laboratory
NSLU	Noise Sensitive Land Uses
NTIA	National Telecommunication and Information Administration
NWI	National Wetland Inventory
O&M	operations and maintenance
O ₃	ozone
OEM	Original equipment manufacturer
OHV	off-highway vehicle
OPR	Governor's Office of Planning and Research
OSHA	Occupational Safety and Health Administration
P&H	Patrick and Henderson
PAL	Project Activity Level
PCE	passenger car equivalent
PEA	Proponent's Environmental Assessment
PEIS	Programmatic Environmental Impact Statement
PFC	perfluorocarbon
PG&E	Pacific Gas & Electric
PM	particulate matter
PM ₁₀	particulate matter less than 10 microns
PM _{2.5}	particulate matter less than 2.5 microns
POD	plan of development
PPA	Power Purchase Agreement
ppm	parts per million
ppv	peak particle velocity
PRC	California Public Resources Code
Proposed PROJECT	East County Substation, Tule Wind, Energia Sierra Juarez Gen-Tie Projects (when considered collectively)
PTC	Permit to Construct
PV	photovoltaic
PVC	Polyvinylchloride
QCB	quino checkerspot butterfly
RAQS	Regional Air Quality Standards
RCP	Regional Comprehensive Plan
RCRA	Resource Conservation and Recovery Act

ACRONYMS AND ABBREVIATIONS (Continued)

RDA	Rural Development Area
RMA	Resource Management Area
RMP	Resource Management Plan
RNE	Renewable Energy
ROA	La Rosita
ROD	record of decision
ROG	reactive organic gas
ROW	right-of-way
RPO	Resource Protection Ordinance
RPS	Renewable Portfolio Standard
RSA	rotor swept area
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SANDAG	San Diego Association of Governments
SARA	Superfund Amendments and Reauthorization Act
SB	Senate Bill
SCADA	supervisory control and data acquisition
SD&AE	San Diego and Arizona Eastern (railway)
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SDG&E	San Diego Gas and Electric Company
SDRFPD	San Diego Rural Fire Protection District
SF ₆	sulfur hexafluoride
SFR	single-family residential
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SOC	Social
SODAR	sonic detecting and ranging
SPA	specific plan area
SPCC	Spill Prevention Control and Countermeasures
SPCC	Spill Prevention Control and Countermeasure Plan
SPS	Special Protection Schemes
SR	State Route
SRA	state responsibility area
SRMA	Special Recreation Management Areas
STLC	soluble threshold limit concentration

ACRONYMS AND ABBREVIATIONS (Continued)

SWPL	Southwest Powerlink
TAC	toxic air contaminant
TDS	total dissolved solid
TJ	Tijuana
TPZ	timberland production zone
TSD	Treatment, Storage, and Disposal
TTLC	total threshold limit concentration
USAF	U.S. Air Force
USC	U.S. Code
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	underground storage tanks
VAWT	verticle axis wind turbine
VDC	volts of direct current
VMT	vehicle miles travelled
VOC	volatile organic compound
VRM	visual resource management
WDR	Waste Discharge Requirement
WEST	Western EcoSystems Technology, Inc.
Ω	ohm
WHO	World Health Organization
WRI	Western Research Institute
WUI	wildland–urban interface