

Antelope Transmission Project – Segment I

2B, <i>two-conductor bundled</i>	AVEK, <i>Antelope Valley – East Kern Water Agency</i>
A, <i>amperes (unit of electrical current)</i>	AWS, <i>American Welding Society</i>
A.D., <i>After Death, or Anno Domini</i>	B.C., <i>Before Christ</i>
AADT, <i>annual average daily traffic</i>	B.P., <i>before present</i>
AAQS, <i>ambient air quality standards</i>	BLM, <i>Bureau of Land Management</i>
AC, <i>alternating current</i>	BMP, <i>Best Management Practices</i>
ACEC, <i>area of critical environmental concern</i>	BPA, <i>Bonneville Power Administration</i>
ACI, <i>American Concrete Institute</i>	CAA, <i>Clean Air Act (Federal)</i>
ACSR, <i>aluminum conductor steel reinforced</i>	CAAQS, <i>California ambient air quality standards</i>
ADT, <i>average daily traffic</i>	CAISO, <i>California Independent System Operator</i>
AHM, <i>acutely hazardous material</i>	CalARP, <i>California Accidental Release Prevention (Program)</i>
AISC, <i>American Institute of Steel Construction</i>	Cal-EPA, <i>California Environmental Protection Agency</i>
AMNH, <i>American Museum of Natural History</i>	CalOSHA, <i>California Occupational Safety and Health Administration</i>
ANF, <i>Angeles National Forest</i>	CAR, <i>Center for Archaeological Research</i>
ANSI, <i>American National Standards Institute</i>	CARB, <i>California Air Resources Board</i>
APCD, <i>Air Pollution Control District</i>	CBC, <i>California Building Code</i>
APEFZ, <i>Alquist-Priolo Earthquake Fault Zone</i>	CCAA, <i>California Clean Air Act</i>
API, <i>American Petroleum Institute</i>	CCR, <i>California Code of Regulations</i>
APM, <i>applicant proposed mitigation measure</i>	CDFG, <i>California Department of Fish and Game</i>
AQMD, <i>Air Quality Management District</i>	CDMG, <i>California Division of Mines and Geology</i>
AQMP, <i>Air Quality Management Plans</i>	CDOC, <i>California Department of Conservation</i>
AQRV, <i>air quality related values</i>	CDOG, <i>California Division of Oil and Gas</i>
ARB, <i>Air Resources Board</i>	CEC, <i>California Energy Commission</i>
ASCE, <i>American Society of Civil Engineers</i>	CEQA, <i>California Environmental Quality Act</i>
ASI, <i>Archaeological Sensitivity Index</i>	CERCLA, <i>Comprehensive Environmental Response, Compensation and Liability Act (“Superfund”)</i>
ASL (also <i>asl</i>), <i>above sea level; see also msl</i>	CFM, <i>cubic feet per minute</i>
ASME, <i>American Society of Mechanical Engineers</i>	CFR, <i>Code of Federal Regulations</i>
ASTM, <i>American Society for Testing Materials</i>	CFS, <i>cubic feet per second</i>
AVAQMD, <i>Antelope Valley Air Quality Management District</i>	CGS, <i>California Geographical Survey</i>

CGTL, <i>Compressed gas Insulated transmission lines</i>	EHV, <i>electric high-voltage</i>
CHP, <i>California Highway Patrol</i>	EIR, <i>Environmental Impact Report</i>
CHRIS, <i>California Historical Resources Information System</i>	EIS, <i>Environmental Impact Study</i>
CHSC, <i>California Health and Safety Code</i>	EMF, <i>electric and magnetic fields</i>
CLWA, <i>Castaic Lake Water Agency</i>	EPA, <i>U.S. Environmental Protection Agency</i>
CNDDDB, <i>California Natural Diversity Data Base</i>	EPR, <i>ethylene propylene rubber used for cable insulation</i>
CNEL, <i>Community Noise Equivalent Level</i>	ESA, <i>Environmental Site Assessment</i>
CNPS, <i>California Native Plant Society</i>	FAA, <i>Federal Aviation Administration</i>
CO, <i>carbon monoxide</i>	FEMA, <i>Federal Emergency Management Agency</i>
CO ₂ , <i>carbon dioxide</i>	FERC, <i>Federal Energy Regulatory Commission</i>
COE, <i>Corps of Engineers, U.S. Army (see also USACE and USACOE)</i>	FIRMS, <i>Flood Insurance Rate Maps</i>
CPCN, <i>Certificate of Public Convenience and Necessity</i>	FLM, <i>Federal Land Manager</i>
CPUC, <i>California Public Utilities Commission</i>	FLMPA, <i>Federal Land Management and Policy Act</i>
CRHR, <i>California Register of Historic Resources</i>	FWS, <i>United States Fish and Wildlife Service</i>
CSUB, <i>California State University, Bakersfield</i>	GEP, <i>good engineering practice</i>
CSUF, <i>California State University, Fullerton</i>	GIS, <i>geographic information system</i>
CWA, <i>Clean Water Act</i>	GO, <i>General Order (CPUC)</i>
dB, <i>decibels</i>	gpd, <i>gallons per day</i>
dBA, <i>decibels ‘A’ scale</i>	gpm, <i>gallons per minute</i>
DC, <i>direct current</i>	gps, <i>gallons per second</i>
DDE, <i>dichlorodiphenyldichloroethylene</i>	GPS, <i>global position system</i>
DDT, <i>dichlorodiphenyltrichloroethane</i>	HCP, <i>Habitat Conservation Plan</i>
DOSH, <i>Division of Occupational Safety and Health</i>	HMMP, <i>Hazardous Materials Management Plan</i>
DOT, <i>Department of Transportation</i>	HPFF, <i>high-pressure fluid filled</i>
DTSC, <i>Department of Toxic Substances Control</i>	Hz, <i>hertz</i>
DWR, <i>Department of Water Resources</i>	IEEE, <i>Institute of Electrical and Electronic Engineers</i>
EA, <i>environmental assessment</i>	IIPP, <i>Injury and Illness Prevention Program</i>
EDD, <i>State of California Employment Development Department</i>	IPCEA, <i>Insulated Power Cable Engineers Association</i>
EERI, <i>Earthquake Engineering Research Institute</i>	IPP, <i>Independent Power Producers</i>
	kcmil, <i>1,000 circular mils (unit of area)</i>
	KCPD, <i>Kern County Planning Department</i>
	kHz, <i>kilohertz (unit of frequency)</i>

SECTION 12.0**LIST OF ACRONYMS***Antelope Transmission Project – Segment I*

KOP, <i>Key Observation Point</i>	NCIC, <i>North Central Information Center</i>
kV, <i>kilovolts (unit of electrical potential)</i>	NEC, <i>National Electric Code</i>
kVA, <i>kilovolt amperes</i>	NEPA, <i>National Environmental Policy Act</i>
KVA, <i>key viewing area</i>	NERC, <i>North American Electric Reliability Council</i>
kV/m, <i>kilovolts per meter</i>	NHPA, <i>National Historic Preservation Act</i>
kW, <i>kilowatt</i>	NOI, <i>Notice of Intent</i>
LACDPW, <i>Los Angeles County Department of Public Works</i>	NO _x , <i>nitrogen oxide</i>
LACFD, <i>Los Angeles County Fire Department</i>	NPDES, <i>National Pollutant Discharge Elimination System</i>
LACSD, <i>Los Angeles County Sanitation District</i>	NRCS, <i>National Resources Conservation Service (formerly Soil Conservation Service, [SCS])</i>
LADWP, <i>Los Angeles Department of Water and Power</i>	NRHP, <i>National Register of Historic Places</i>
Ldn, <i>day-night level (of noise)</i>	OES, <i>Office of Emergency Services</i>
Leq, <i>equivalent level (of noise)</i>	OHL, <i>overhead line</i>
Lmax, <i>maximum level (of noise)</i>	OHP, <i>Office of Historic Preservation</i>
LMP, <i>Land Management Plan</i>	OHW, <i>Ordinary High Water</i>
LORS, <i>laws, ordinances, regulations, and standards</i>	OPGW, <i>optical ground wire</i>
LOS, <i>level of service</i>	ORV, <i>off-road recreational vehicle</i>
LST, <i>lattice steel towers</i>	OSHA, <i>Occupational Safety and Health Administration</i>
mA, <i>milliamperes (unit of electric current)</i>	Pb, <i>lead</i>
MCE, <i>maximum considered earthquake</i>	PEA, <i>Proponent’s Environmental Assessment</i>
MCL, <i>maximum containment level</i>	PERP, <i>portable equipment registration program</i>
MDAB, <i>Mojave Desert Air Basin</i>	PGA, <i>Peak Ground Acceleration</i>
MEER, <i>Mechanical Electrical Equipment Room</i>	PM ₁₀ , <i>particulate matter smaller than 10 microns</i>
mG, <i>milligauss (unit of magnetic field strength)</i>	ppm, <i>parts per million</i>
MGD, <i>million gallons/per day</i>	PPP, <i>polypropylene – paper</i>
mg/L, <i>milligram per liter</i>	PSD, <i>Prevention of Significant Deterioration</i>
MOS, <i>Method of Service</i>	PSHA, <i>Probabilistic Seismic Hazards Assessment</i>
MOU, <i>Memorandum of Understanding</i>	psi, <i>pounds per square inch</i>
MP, <i>milepost</i>	psig, <i>pounds per square inch gage</i>
MSDS, <i>Material Safety Data Sheet</i>	Qal, <i>Quaternary alluvium</i>
MW, <i>megawatt</i>	RAS, <i>Remedial Action Scheme</i>
N ₂ , <i>nitrogen gas</i>	
NAAQS, <i>national ambient air quality standards</i>	
NAHC, <i>Native American Heritage Commission</i>	

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RCRA, <i>Resource Conservation and Recovery Act.</i>	UFC, <i>Uniform Fire Code</i>
RHNA, <i>Regional Housing Needs Assessment</i>	UMC, <i>Uniform Mechanical Code</i>
R-O-W, <i>right-of-way</i>	UPC, <i>Uniform Plumbing Code</i>
RWQCB, <i>Regional Water Quality Control Board</i>	USACE, <i>Corps of Engineers, U.S. Army (see also COE and USACOE)</i>
SAC, <i>stranded Aluminum conductor</i>	USACOE <i>Corps of Engineers, U.S. Army (see also COE and USACE)</i>
SBNF, <i>San Bernardino National Forest</i>	USC, <i>United States Code</i>
SCAB, <i>South Coast Air Basin</i>	USDA, <i>United States Department of Agriculture</i>
SCAG, <i>Southern California Association of Governments</i>	USDI, <i>United States Department of the Interior</i>
SCADA, <i>Supervisory Control and Data Acquisition</i>	USDOT, <i>United States Department of Transportation</i>
SCAQMD, <i>South Coast Air Quality Management District</i>	USEPA, <i>United States Environmental Protection Agency</i>
SCE, <i>Southern California Edison</i>	USFS, <i>United States Forest Service</i>
SCFF, <i>Self-contained fluid-filled</i>	USFWS, <i>United States Fish and Wildlife Service</i>
SCREMP, <i>Santa Clara River Enhancement and Management Plan</i>	USGS, <i>United States Geological Survey</i>
SCS, <i>Soil Conservation Service</i>	UWCD, <i>United Water Conservation District</i>
SF6, <i>sulfur hexafluoride insulating medium</i>	V/m, <i>volt per meter</i>
SHMP, <i>Seismic Hazards Mapping Program</i>	VAC, <i>volts AC (alternating current)</i>
SHPO, <i>State Historic Preservation Office</i>	VAR, <i>volt-amperes reactive</i>
SLR, <i>Single Lens Reflex</i>	VDC, <i>volts DC (direct current)</i>
SMARA, <i>California Surface Mining Act of 1975</i>	VM, <i>Visual Modification (Class)</i>
SO ₂ , <i>sulfur dioxide</i>	VOC, <i>volatile organic compounds</i>
SWPPP, <i>Storm Water Pollution Prevention Plan</i>	VRM, <i>visual resource management</i>
SWRCB, <i>State Water Resources Control Board</i>	WAN, <i>wide area network</i>
TAC, <i>toxic air containment</i>	WSCC, <i>Western Systems Coordinating Council</i>
TBD, <i>to be determined</i>	XLPE, <i>Solid dielectric cross-linked polyethylene</i>
TDS, <i>total dissolved solids</i>	
T/L, <i>transmission line</i>	
TVI, <i>television interference</i>	
UBC, <i>Uniform Building Code</i>	
UCMP, <i>University of California Museum of Paleontology</i>	
