

SECTION 12.0**LIST OF ACRONYMS***Antelope Transmission Project – Segments 2 & 3*

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

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<i>cfm, cubic feet per minute</i>	<i>DWR, Department of Water Resources</i>
<i>CFR, Code of Federal Regulations</i>	<i>EA, environmental assessment</i>
<i>CFS, cubic feet per second</i>	<i>EDD, State of California Employment Development Department</i>
<i>CGS, California Geographical Survey</i>	<i>EERI, Earthquake Engineering Research Institute</i>
<i>CGTL, Compressed gas Insulated transmission lines</i>	<i>EHV, electric high-voltage</i>
<i>CHP, California Highway Patrol</i>	<i>EIR, Environmental Impact Report</i>
<i>CHRIS, California Historical Resources Information System</i>	<i>EIS, Environmental Impact Study</i>
<i>CHSC, California Health and Safety Code</i>	<i>EMF, electric and magnetic fields</i>
<i>CLWA, Castaic Lake Water Agency</i>	<i>EPA, U.S. Environmental Protection Agency</i>
<i>CNDDDB, California Natural Diversity Data Base</i>	<i>EPR, ethylene propylene rubber used for cable insulation</i>
<i>CNEL, Community Noise Equivalent Level</i>	<i>ESA, Environmental Site Assessment</i>
<i>CNPS, California Native Plant Society</i>	<i>FAA, Federal Aviation Administration</i>
<i>CO, carbon monoxide</i>	<i>FEMA, Federal Emergency Management Agency</i>
<i>CO₂, carbon dioxide</i>	<i>FERC, Federal Energy Regulatory Commission</i>
<i>COE, Corps of Engineers, U.S. Army (see also USACE and USACOE)</i>	<i>FIRMS, Flood Insurance Rate Maps</i>
<i>CPCN, Certificate of Public Convenience and Necessity</i>	<i>FLM, Federal Land Manager</i>
<i>CPUC, California Public Utilities Commission</i>	<i>FLMPA, Federal Land Management and Policy Act</i>
<i>CRHR, California Register of Historic Resources</i>	<i>FWS, United States Fish and Wildlife Service</i>
<i>CSUB, California State University, Bakersfield</i>	<i>GEP, good engineering practice</i>
<i>CSUF, California State University, Fullerton</i>	<i>GIS, geographic information system</i>
<i>CWA, Clean Water Act</i>	<i>GO, General Order (CPUC)</i>
<i>dB, decibels</i>	<i>gpd, gallons per day</i>
<i>dBA, decibels 'A' scale</i>	<i>gpm, gallons per minute</i>
<i>DC, direct current</i>	<i>gps, gallons per second</i>
<i>DDE, dichlorodiphenyldichloroethylene</i>	<i>GPS, global position system</i>
<i>DDT, dichlorodiphenyltrichloroethane</i>	<i>HCP, Habitat Conservation Plan</i>
<i>DOSH, Division of Occupational Safety and Health</i>	<i>HMMP, Hazardous Materials Management Plan</i>
<i>DOT, Department of Transportation</i>	<i>HPFF, high-pressure fluid filled</i>
<i>DTSC, Department of Toxic Substances Control</i>	<i>Hz, hertz</i>
	<i>IEEE, Institute of Electrical and Electronic Engineers</i>

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<i>IIPP, Injury and Illness Prevention Program</i>	<i>MOS, Method of Service</i>
<i>IPCEA, Insulated Power Cable Engineers Association</i>	<i>MOU, Memorandum of Understanding</i>
<i>IPP, Independent Power Producers</i>	<i>MP, milepost</i>
<i>kcmil, 1,000 circular mils (unit of area)</i>	<i>MSDS, Material Safety Data Sheet</i>
<i>KCPD, Kern County Planning Department</i>	<i>MW, megawatt</i>
<i>kHz, kilohertz (unit of frequency)</i>	<i>N₂, nitrogen gas</i>
<i>KOP, Key Observation Point</i>	<i>NAAQS, national ambient air quality standards</i>
<i>kV, kilovolts (unit of electrical potential)</i>	<i>NAHC, Native American Heritage Commission</i>
<i>kVA, kilovolt amperes</i>	<i>NCIC, North Central Information Center</i>
<i>KVA, key viewing area</i>	<i>NEC, National Electric Code</i>
<i>kV/m, kilovolts per meter</i>	<i>NEPA, National Environmental Policy Act</i>
<i>kW, kilowatt</i>	<i>NERC, North American Electric Reliability Council</i>
<i>LACDPW, Los Angeles County Department of Public Works</i>	<i>NHPA, National Historic Preservation Act</i>
<i>LACFD, Los Angeles County Fire Department</i>	<i>NOI, Notice of Intent</i>
<i>LACSD, Los Angeles County Sanitation District</i>	<i>NO_x, nitrogen oxide</i>
<i>LADWP, Los Angeles Department of Water and Power</i>	<i>NPDES, National Pollutant Discharge Elimination System</i>
<i>Ldn, day-night level (of noise)</i>	<i>NRCS, National Resources Conservation Service (formerly Soil Conservation Service, [SCS])</i>
<i>Leq, equivalent level (of noise)</i>	<i>NRHP, National Register of Historic Places</i>
<i>Lmax, maximum level (of noise)</i>	<i>OES, Office of Emergency Services</i>
<i>LMP, Land Management Plan</i>	<i>OHL, overhead line</i>
<i>LORS, laws, ordinances, regulations, and standards</i>	<i>OHP, Office of Historic Preservation</i>
<i>LOS, level of service</i>	<i>OHW, Ordinary High Water</i>
<i>LST, lattice steel towers</i>	<i>OPGW, optical ground wire</i>
<i>mA, milliamperes (unit of electric current)</i>	<i>ORV, off-road recreational vehicle</i>
<i>MCE, maximum considered earthquake</i>	<i>OSHA, Occupational Safety and Health Administration</i>
<i>MCL, maximum containment level</i>	<i>Pb, lead</i>
<i>MDAB, Mojave Desert Air Basin</i>	<i>PEA, Proponent's Environmental Assessment</i>
<i>MEER, Mechanical Electrical Equipment Room</i>	<i>PERP, portable equipment registration program</i>
<i>mG, milligauss (unit of magnetic field strength)</i>	<i>PGA, Peak Ground Acceleration</i>
<i>MGD, million gallons/per day</i>	
<i>mg/L, milligram per liter</i>	

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<i>PM₁₀, particulate matter smaller than 10 microns</i>	<i>SMARA, California Surface Mining Act of 1975</i>
<i>ppm, parts per million</i>	<i>SO₂, sulfur dioxide</i>
<i>PPP, polypropylene – paper</i>	<i>SWPPP, Storm Water Pollution Prevention Plan</i>
<i>PSD, Prevention of Significant Deterioration</i>	<i>SWRCB, State Water Resources Control Board</i>
<i>PSHA, Probabilistic Seismic Hazards Assessment</i>	<i>TAC, toxic air containment</i>
<i>psi, pounds per square inch</i>	<i>TBD, to be determined</i>
<i>psig, pounds per square inch gage</i>	<i>TDS, total dissolved solids</i>
<i>Qal, Quaternary alluvium</i>	<i>T/L, transmission line</i>
<i>RAS, Remedial Action Scheme</i>	<i>TSP, tubular steel pole</i>
<i>RCRA, Resource Conservation and Recovery Act.</i>	<i>TVI, television interference</i>
<i>RHNA, Regional Housing Needs Assessment</i>	<i>UBC, Uniform Building Code</i>
<i>R-O-W, right-of-way</i>	<i>UCMP, University of California Museum of Paleontology</i>
<i>RWQCB, Regional Water Quality Control Board</i>	<i>UFC, Uniform Fire Code</i>
<i>SAC, stranded Aluminum conductor</i>	<i>UMC, Uniform Mechanical Code</i>
<i>SBNF, San Bernardino National Forest</i>	<i>UPC, Uniform Plumbing Code</i>
<i>SCAB, South Coast Air Basin</i>	<i>USACE, Corps of Engineers, U.S. Army (see also COE and USACOE)</i>
<i>SCAG, Southern California Association of Governments</i>	<i>USACOE Corps of Engineers, U.S. Army (see also COE and USACE)</i>
<i>SCADA, Supervisory Control and Data Acquisition</i>	<i>USC, United States Code</i>
<i>SCAQMD, South Coast Air Quality Management District</i>	<i>USDA, United States Department of Agriculture</i>
<i>SCE, Southern California Edison</i>	<i>USDI, United States Department of the Interior</i>
<i>SCFF, Self-contained fluid-filled</i>	<i>USDOT, United States Department of Transportation</i>
<i>SCREMP, Santa Clara River Enhancement and Management Plan</i>	<i>USEPA, United States Environmental Protection Agency</i>
<i>SCS, Soil Conservation Service</i>	<i>USFS, United States Forest Service</i>
<i>SF6, sulfur hexafluoride insulating medium</i>	<i>USFWS, United States Fish and Wildlife Service</i>
<i>SHMP, Seismic Hazards Mapping Program</i>	<i>USGS, United States Geological Survey</i>
<i>SHPO, State Historic Preservation Office</i>	<i>UWCD, United Water Conservation District</i>
<i>SLR, Single Lens Reflex</i>	<i>V/m, volt per meter</i>
	<i>VAC, volts AC (alternating current)</i>

- VAR, *volt-amperes reactive*
- VDC, *volts DC (direct current)*
- VM, *Visual Modification (Class)*
- VOC, *volatile organic compounds*
- VRM, *visual resource management*
- WAN, *wide area network*
- WSCC, *Western Systems Coordinating Council*
- XLPE, *Solid dielectric cross-linked polyethylene*