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Phoenix Expansion Project Draft Environmental Impact Statement

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ACRONYMS AND ABBREVIATIONS

| | |
|-------------------|--|
| µg/l | Micrograms per liter |
| µg/m ³ | Micrograms per cubic meter |
| AC | alternating current |
| ACC | Arizona Corporation Commission |
| ACEC | Area of Critical Environmental Concern |
| ACHP | Advisory Council on Historic Preservation |
| ADEQ | Arizona Department of Environmental Quality |
| AFNM | Agua Fria National Monument |
| Agency Staffs | Environmental staffs of the Federal Energy Regulatory Commission; the U.S. Department of the Interior, Bureau of Land Management; the U.S. Department of Agriculture, Forest Service; the U.S. Department of Transportation, Office of Pipeline Safety; the U.S. Department of the Interior, Bureau of Indian Affairs; and the Navajo Nation |
| AGFD | Arizona Game and Fish Department |
| AMA | Active Management Areas |
| APE | area of potential effect |
| API | American Petroleum Institute |
| APS | Arizona Public Service Company |
| AQCR | Air Quality Control Region |
| ASLD | Arizona State Land Department |
| AZDWR | Arizona Department of Water Resources |
| BA | Biological Assessment |
| bgs | below ground surface |
| BIA | U.S. Department of the Interior, Bureau of Indian Affairs |
| BLM | U.S. Department of the Interior, Bureau of Land Management |
| BMPs | best management practices |
| BO | Biological Opinion |
| BOR | U.S. Department of the Interior, Bureau of Reclamation |
| Btu | British thermal units |
| CAA | Clean Air Act |
| CAP | Central Arizona Project |
| CEQ | Council on Environmental Quality |
| Certificate | Certificate of Public Convenience and Necessity |
| CFR | Code of Federal Regulations |
| CGA | Common Ground Alliance |
| CGECA | Casa Grande EPNG Collocation Alternative |
| CO | carbon monoxide |
| COE | U.S. Army Corps of Engineers |
| COE Manual | U.S. Army Corps of Engineers Wetlands Delineation Manual |
| Commission | Federal Energy Regulatory Commission |
| CWA | Clean Water Act |
| dBA | decibels on the A-weighted scale |
| DC | direct current |
| DOE | U.S. Department of Energy |
| DOT | U.S. Department of Transportation |
| EAC | Early Action Compact |
| EI | Environmental Inspector |
| EIA | Energy Information Administration |
| EIS | Environmental Impact Statement |

ACRONYMS AND ABBREVIATIONS (cont'd)

| | |
|---------------------|---|
| EMF | electromotive force |
| EPA | U.S. Environmental Protection Agency |
| EPNG | El Paso Natural Gas Company |
| ESA | Endangered Species Act of 1973 |
| FERC | Federal Energy Regulatory Commission |
| FERC Plan | FERC's Upland Erosion Control, Revegetation, and Maintenance Plan |
| FERC Procedures | FERC's Wetland and Waterbody Construction and Mitigation Procedures |
| FR | Federal Register |
| FS | U.S. Department of Agriculture, Forest Service |
| FWS | U.S. Fish and Wildlife Service |
| GIS | Geographic Information Systems |
| gpm | gallons per minute |
| H ₂ S | hydrogen sulfide |
| HAPs | Hazardous Air Pollutants |
| HCAs | high consequence areas |
| HDD | horizontal directional drill |
| HDD Plan | Horizontal Directional Drill Plan |
| I-17 | Interstate 17 |
| INGAA | Interstate Natural Gas Association of America |
| kV | kilovolt |
| L _{dn} | the day-night equivalent sound level |
| L _{eq(24)} | 24-hour equivalent sound level |
| MAG | Maricopa Association of Governments |
| MAOP | maximum allowable operating pressure |
| Memorandum | Memorandum of Understanding on Natural Gas Transportation Facilities |
| mg/L | milligrams per liter |
| MIS | management indicator species |
| MMcf/d | million cubic feet per day |
| MMI | Modified Mercalli Intensity |
| Mo | Moment Magnitude |
| MP | milepost |
| msl | mean sea level |
| MUID | Map Unit Identifiers |
| NAAQS | National Ambient Air Quality Standards |
| NABCI | U.S. North American Bird Conservation Initiative |
| NEPA | National Environmental Policy Act |
| NGA | Natural Gas Act |
| NHPA | National Historic Preservation Act |
| NMDGF | New Mexico Department of Game and Fish |
| NMED | New Mexico Environmental Department |
| NMFS | U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service |
| NMOSE | New Mexico Office of the State Engineer |
| NMWQCC | New Mexico Water Quality Control Commission |
| NNDFW | Navajo Nation Department of Fish and Wildlife |
| NNEMS | Navajo Nation Department of Emergency Medical Services |
| NNHPD | Navajo Nation Historic Preservation Department |
| NO ₂ | nitrogen dioxide |

ACRONYMS AND ABBREVIATIONS (cont'd)

| | |
|----------------------|---|
| NOI | <i>Notice of Intent to Prepare an Environmental Impact Statement and Proposed Land Use Plan Amendment for the Proposed Phoenix Expansion Project, Request for Comments on Environmental Issues, and Notice of Public Scoping Meetings</i> |
| NO _x | nitrogen oxides |
| NPDES | National Pollutant Discharge Elimination System |
| NPL | National Priority List |
| NRCS | Natural Resources Conservation Service |
| NRHP | National Register of Historic Places |
| NRI | Nationwide Rivers Inventory |
| NSA | noise-sensitive area |
| NSR | New Source Review |
| NWI | National Wetlands Inventory |
| O ₃ | ozone |
| OEP | Office of Energy Projects |
| OHV | off-highway vehicle |
| OPS | U.S. Department of Transportation, Office of Pipeline Safety |
| OSHA | U.S. Department of Labor, Occupational Safety and Health Administration |
| PA | Programmatic Agreement |
| Pb | lead |
| PCBs | polychlorinated biphenyls |
| PCE | primary constituent elements |
| PHMSA | Pipeline and Hazardous Materials Safety Administration |
| PIC | potential impact circle |
| PIR | potential impact radius |
| PM ₁₀ | particulate matter having an aerodynamic diameter of 10 microns or less |
| PM _{2.5} | particulate matter having an aerodynamic diameter of 2.5 microns or less |
| POD | Plan of Development |
| ppm | parts per million |
| ppmw | parts per million by weight |
| Prescott Forest Plan | <i>Prescott National Forest Land and Resource Management Plan</i> |
| PSD | Prevention of Significant Deterioration |
| psig | pounds per square inch gauge |
| PSRMP | Phoenix South Resource Management Plan |
| PTE | potential-to-emit |
| PW-SEV/BRG | Pinal West-to-Southeast Valley/Browning |
| RCRA | Resource Conservation Recovery Act |
| RM | Richter Magnitude |
| RMP | Resource Management Plan |
| ROD | Record of Decision |
| ROS | Recreation Opportunity Spectrum |
| ROS-SMS Guidebook | <i>Kaibab National Forest Recreation Opportunity Spectrum and Scenery Management System Guidebook</i> |
| SCADA | Supervisory Control and Data Acquisition |
| Secretary | Secretary of the Commission |
| SHPO | State Historic Preservation Office |
| SIO | Scenic Integrity Objectives |
| SIP | State Implementation Plan |
| SMS | Scenery Management System |

ACRONYMS AND ABBREVIATIONS (cont'd)

| | |
|-----------------|---|
| SMS Handbook | <i>Landscape Aesthetics, A Handbook for Scenery Management</i> |
| SO ₂ | sulfur dioxide |
| SO _x | sulfur oxides |
| SPR Procedures | Spill Prevention and Response Procedures |
| SR | State Route |
| SRP | Salt River Project Agricultural Improvement and Power District |
| STATSGO | State Soil Geographic |
| SWG | Southwest Gas Corporation |
| SWPPP | Stormwater Pollution Prevention Plan |
| TCPs | Traditional Cultural Properties |
| TDS | total dissolved solids |
| THPO | Tribal Historic Preservation Officer |
| TMDL | total maximum daily load |
| tpy | tons per year |
| Transwestern | Transwestern Pipeline Company, LLC |
| UECRM Plan | Transwestern's Upland Erosion Control, Revegetation, and Maintenance Plan |
| UNC | United Nuclear Corporation |
| UNS | Unisource Energy, Inc. |
| USC | United States Code |
| USDA | U.S. Department of Agriculture |
| USGS | U.S. Geological Survey |
| VOC | volatile organic compounds |
| VQOs | Visual Quality Objectives |
| VRM | Visual Resource Management |
| WMA | Waste Management Arizona, Inc. |
| WWCM Procedures | Transwestern's Wetland and Waterbody Construction and Mitigation Procedures |
| YRMC | Yavapai Regional Medical Center |