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Phoenix Expansion Project Final 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
ADWR	Arizona Department of Water Resources
BA	Biological Assessment
BCCA	Black Canyon City Community Association
bcf	billion cubic feet
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
CEII	Critical Energy Infrastructure Information
CEQ	Council on Environmental Quality
Certificate	Certificate of Public Convenience and Necessity
CFR	Code of Federal Regulations
CGA	Common Ground Alliance
CGEPNG Alternative	Casa Grande EPNG Collocation Alternative
CO	carbon monoxide
CO ₂	carbon dioxide
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

ACRONYMS AND ABBREVIATIONS (cont'd)

EIA	Energy Information Administration
EIS	Environmental Impact Statement
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
GHG	greenhouse gas
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
LNG	liquefied natural gas
MAG	Maricopa Association of Governments
MAOP	maximum allowable operating pressure
Memorandum	Memorandum of Understanding on Natural Gas Transportation Facilities
mg/L	milligrams per liter
Midway	Midway Planned Area Development
MIS	management indicator species
MMcfd	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 Environment 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

ACRONYMS AND ABBREVIATIONS (cont'd)

NNHPD	Navajo Nation Historic Preservation Department
NO ₂	nitrogen dioxide
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
NRG	Natural Resource Group, LLC
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&M	operation and maintenance
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
PCEs	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

ACRONYMS AND ABBREVIATIONS (cont'd)

SIP	State Implementation Plan
SMS	Scenery Management System
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
Stardust-Tartesso	Stardust-Tartesso W-12 Inc.
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
TransNation Trust	TransNation Title Insurance Company Trust 7400
Transwestern	Transwestern Pipeline Company, LLC
TRB	Transportation Research Board
TVA	Tonopah Valley Association, Inc.
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
The Wash	The North Santa Cruz Wash
WI	Wobbe Index
WMA	Waste Management Arizona Landfills, Inc.
WHSV	WHSV Holdings, L.L.C.
WWCM Procedures	Transwestern's Wetland and Waterbody Construction and Mitigation Procedures
YRMC	Yavapai Regional Medical Center