

**GUARDIAN EXPANSION AND EXTENSION PROJECT
FINAL EIS
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ACRONYMS AND ABBREVIATIONS

$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
ACHP	Advisory Council on Historic Preservation
AM	Agricultural Monitor
AHI	Architectural Historic Inventory
AMP	Agricultural Impact Mitigation Plan
ANR	ANR Pipeline Company
APE	Area of Potential Effect
API	American Petroleum Institute
ARPA	Archaeological Resources Protection Act
ASI	Archaeological Sites Inventory
ATC	American Transmission Company, LLC
ATWS	additional temporary workspace
BA	biological assessment
BACT	best available control technology
Bcf	billion cubic feet
BIA	Bureau of Indian Affairs
BMP	best management practice
BOD	biochemical oxygen demand
Btu	British thermal units
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CEQ	Council on Environmental Quality
Certificate	Certificate of Public Convenience and Necessity
CFR	Code of Federal Regulations
CN	Canadian National Railway
CO	carbon monoxide
CO ₂	carbon dioxide
COE	U.S. Army Corps of Engineers
ComEd	Commonwealth Edison Power Company
CPCN	Certificate of Public Convenience and Necessity
CREP	Conservation Reserve Enhancement Program
CRP	Conservation Reserve Program
CW	Cold Water Communities
CWA	Clean Water Act
DATCP	Wisconsin Department of Agriculture, Trade, and Consumer Protection
dBA	decibels on the A-weighted scale
DOE	Department of Energy
DOT	U.S. Department of Transportation
ECM	Environmental Compliance Manager
EA	Environmental Assessment
EIA	Energy Information Administration
EIS	Environmental Impact Statement

ACRONYMS AND ABBREVIATIONS (continued)

EPA	U.S. Environmental Protection Agency
ERP	Environmental Repair Program
ESA	Endangered Species Act
FAL	Fish and Aquatic Life
FEMA	Federal Emergency Management Agency
FERC or Commission	Federal Energy Regulatory Commission
Forward	Forward Energy L.L.C.
Fox River Trail	Fox River State Recreational Trail
FPP	Wisconsin Farmland Preservation Program
FR	Federal Register
FRPP	Farm and Ranch Lands Protection Program
FSA	Farm Service Agency
FWS	U.S. Fish and Wildlife Service
G-II Project or Project	Guardian Expansion and Extension Project
GIS	geographic information system
gpm	gallons per minute
GLGT	Great Lakes Gas Transmission Company
Guardian	Guardian Pipeline, L.L.C.
H ₂ S	hydrogen sulfide
HAP	hazardous air pollutant
HCA	high consequence area
HDD	horizontal directional drilling
HDD Contingency Plan	HDD Contingency Plan for Inadvertent Releases of Drilling Fluid
HEL	highly erodible land
hp	horsepower
IAC	Illinois Administrative Code
IDNR	Illinois Department of Natural Resources
IEPA	Illinois Environmental Protection Agency
JULIE	Joint Utility Locating Information for Excavators
kPa	kilopascals
kV	kilovolt
LAL	Limited Aquatic Life
LDCs	local distribution companies
L _{dn}	day-night sound level
L _{eq(24)}	24-hour equivalent sound level
LFF	Limited Forage Fish Communities
LNG	liquefied natural gas
LPG	liquefied petroleum gas
LUST	Leaking Underground Storage Tank
LWCD	Land and Water Conservation Department
m ³	cubic meters
MACT	Maximum Achievable Control Technology

ACRONYMS AND ABBREVIATIONS (continued)

Memorandum	Memorandum of Understanding on Natural Gas Transportation Facilities
MLRA	Major Land Resource Area
MLV	mainline valve
MMcfd	million cubic feet per day
MMIS	Modified Mercalli Intensity Scale
MOA	Memorandum of Agreement
MP	milepost
mph	miles per hour
msl	mean sea level
MW	megawatt
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act of 1969
NESHAPs	National Emissions Standards for Hazardous Air Pollutants
NGA	Natural Gas Act
NGPL	Natural Gas Pipeline Company of America
NHI	Wisconsin Natural Heritage Inventory
NHPA	National Historic Preservation Act
NNSR	Non-Attainment New Source Review
NO ₂	nitrogen dioxide
NOA	Notice of Availability
NOI	Notice of Intent
NOP	National Organic Program
NNG	Northern Natural Gas Company
NO _x	nitrogen oxide
NPL	National Priorities List
NRCS	National Resources Conservation Service
NRHP	National Register of Historic Places
NSA	Noise Sensitive Area
NSPS	New Source Performance Standards
NSR	New Source Review
NWI	National Wetland Inventory
O ₃	ozone
OEP	FERC's Office of Energy Projects
OERW	Outstanding and Exceptional Resource Waters
Oneida Nation	Sovereign Oneida Nation of Wisconsin
OPS	Office of Pipeline Safety
Order	Commission's Order
Pb	lead
PCB	polychlorinated biphenyl
PEM	Palustrine Emergent
PFO	Palustrine Forested

ACRONYMS AND ABBREVIATIONS (continued)

PHEL	potentially highly erodible land
PHMSA	Pipeline and Hazardous Materials Safety Administration
Plan	Upland, Erosion Control, Revegetation and Maintenance Plan
PM ₁₀	particulate matter of 10 microns in diameter or smaller
PM _{2.5}	particulate matter less than 2.5 microns in diameter
ppm	parts per million
Procedures	Wetland and Waterbody Construction and Mitigation Procedures
PSAP	Public Service Archaeology Program of the University of Illinois
PSC	Public Service Commission of Wisconsin
PSD	Prevention of Significant Deterioration
psi	pounds per square inch
PSS	Palustrine Scrub-shrub
RFP	Request for Proposals
SHPO	State Historic Preservation Office
SO ₂	sulfur dioxide
SPCC Plan	Spill Prevention, Control and Countermeasures Plan
Tcf	trillion cubic feet
TES	threatened and endangered species
TES Work Plan	Threatened and Endangered Species Work Plan and Habitat Assessment
THPO	Oneida Tribal Historic Preservation Officer
TMDLs	total maximum daily loads
tpy	tons per year
USDA	U.S. Department of Agriculture
USGS	United States Geological Survey
VGTC	Viking Gas Transmission Company
VOC	volatile organic compound
VOL	volatile organic liquids
WDNR	Wisconsin Department of Natural Resources
WEG	wind erodibility group
WEPA	Wisconsin Environmental Policy Act
WGNHS	Wisconsin Geological and Natural History Survey
WHP	Wisconsin Historic Database
WMU	Watershed Management Unit
WPDES	Wisconsin Pollutant Discharge Elimination System
WPS	Wisconsin Public Service Corporation
WRP	Wetland Reserve Program
WSOR	Wisconsin and Southern Railroad Company
WWFF	Warm Water Forage Fish Communities
WWI	Wisconsin Wetland Inventory
WWSF	Warm Water Sport Fish Communities