

Acronyms and Abbreviations

AADT	Annual Average Daily Traffic
AC	alternating current
ACSR	aluminum conductor steel-reinforced
AIMP	Agricultural Impact Mitigation Plan
AM	Amplitude Modulation
AMA	Aquatic Management Area
APLIC	Avian Power Line Interaction Committee
Applicant	Minnesota Power
Application	The Route Permit Application
AQI	Air Quality Index
ARMER	Allied Radio Matrix for Emergency Response
ASIS	Aggregate Source Information System
BCC	Birds of Conservation Concern
BCR	Bird Conservation Region
BIPOC	black, indigenous and people of color
BMPs	best management practices
BNSF Railroad	Burlington Northern-Santa Fe Railroad
BWSR	Board of Water and Soil Resources
CAA	Clean Air Act
CFR	Code of Federal Regulations
CO	carbon monoxide
Commission	Minnesota Public Utilities Commission
CN	Certificate of Need
CSAH	County State Aid Highway
CWI	County Well Index
dB	decibels
dBA	A-weighted decibels
DC	direct current
ECS	Ecological Classification System
EMF	electric and magnetic field
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
FAA	Federal Aviation Administration
FCC	Federal Communications Commission
FEMA	Federal Emergency Management Agency
FM	Frequency Modulation

FPPA	Farmland Protection Policy Act
GHS	Green House Gas
GIS	Geographic Information System
GPS	Global Positioning System
HVTL	high-voltage transmission line
IAA	impact assessment area
IARC	International Agency for Research on Cancer
IBA	Important Bird Area
ICNIRP	International Commission on Non-Ionizing Radiation Protection
IPaC	Information for Planning and Conservation
ISD	Independent School District
kV	kilovolt
kV/m	kilovolts per meter
L10	ten percent of any hour
L50	fifty percent of any hour
MBTA	Migratory Bird Treaty Act
MBS	Minnesota Biological Survey
MDH	Minnesota Department of Health
mG	milliGauss
MGS	Minnesota Geological Survey
MHz	megahertz
MISO	Midcontinent Independent System Operator
MNBBA	Minnesota Breeding Bird Atlas
MNDNR	Minnesota Department of Natural Resources
MNDOT	Minnesota Department of Transportation
MPCA	Minnesota Pollution Control Agency
MPUC	Minnesota Public Utilities Commission
MVA	megavolt amperes
MW	megawatt
NAAQS	National Ambient Air Quality Standards
NESC	National Electric Safety Code
NHIS	Natural Heritage Information System
NIEHS	National Institute of Environmental Health Sciences
NLCD	National Land Cover Database
NLEB	northern long-eared bat
NO ₂	nitrogen dioxide
NPCs	native plant communities
NPDES	National Pollutant Discharge Elimination System

NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory
NWR	National Wildlife Refuge
O ₃	ozone
O&M	operations and maintenance
OSA	Office of the State Archaeologist
Pb	lead
PM	particulate matter
PPSA	Minnesota Power Plant Siting Act
Project	Duluth Loop Reliability Project.
PSA	Purchase and Sale Agreement
PV	photovoltaic
PWI	Public Waters Inventory
RFP	request for proposals
SCADA	Supervisory Control and Data Acquisition
scorecard	Board of Water and Soil Resources Habitat Friendly Solar Site Assessment Form
SDWA	Safe Drinking Water Act
SGCN	Species of Greatest Conservation Need
SHPO	State Historic Preservation Office
SNA	Scientific and Natural Area
SO ₂	sulfur dioxide
SOBS	Sites of Biodiversity Significance
SPCC	Spill Prevention, Control, and Countermeasures Plan
SSA	sole source aquifer
SSI	Swedish Radiation Protection Authority
SSM	Swedish Radiation Safety Authority
SSURGO	Soil Survey Geographic Database
SWAP	Minnesota's State Wildlife Action Plan
SWPPP	Stormwater Pollution Prevention Plan
Tetra Tech	Tetra Tech, Inc.
THPO	Tribal Historic Preservation Officer
USACE	U.S. Army Corps of Engineers
USC	U.S. Code
USDA	U.S. Department of Agriculture
USDOT	U.S. Department of Transportation
USFWS	U.S. Fish and Wildlife Service
USG	unhealthy for sensitive groups

Acronyms

USGS	U.S. Geological Survey
VMP	Vegetation Management Plan
WEG	Wind Erodibility Group
Westwood	Westwood Professional Services
WHO	World Health Organization
WHPA	Wellhead Protection Area
WMA	Wildlife Management Area
WNS	white-nose syndrome