

CHAPTER 9
ACRONYMS AND ABBREVIATIONS

$\mu\text{g}/\text{m}^3$	Microgram per cubic meter
μT	Microtesla
$\mu\text{V}/\text{m}$	Microvolt per meter
AC	Alternating current
ACEC	Area of Critical Environmental Concern
ACGIH	American Conference of Government Industrial Hygienist
ACSR	Aluminum Conductor Steel Reinforced
AD	Alzheimer Disease
AEP	American Electric Power
AIRFA	American Indian Religious Freedom Act
AIZs	Aquatic Influence Zones
ALL	Acute Lymphocytic Leukemia
ALS	Amyotrophic Lateral Sclerosis
AM	Amplitude Modulation (in reference to radio frequency)
AM	Ante Meridiem (in reference to time)
AML	Acute Myelogenous Leukemia
AMSL	Above Mean Sea Level
ANSI	American National Standards Institute
APE	Area of Potential Effect
APLIC	Avian Power Line Interaction Committee
ARM	Administrative Rules of Montana
ARPA	Archaeological Resources Protection Act
BDNF	Beaverhead-Deerlodge National Forest
BLM	Bureau of Land Management
BMP	Best Management Practice
BNSF	Burlington Northern and Santa Fe Railway
BOR	U.S. Bureau of Reclamation
BP	Before Present
BPA	Bonneville Power Administration
BRTR	Biological Resources Technical Report
$^{\circ}\text{C}$	Degrees Celcius
CAA	Clean Air Act of 1970
CCR	California Cancer Registry
CDMA	Code Division Multiple Access
CDNST	Continental Divide National Scenic Trail

CDGPS	Canada-Wide Differential Global Positioning System service
CEQ	Council on Environmental Quality
CERCA	Comprehensive Environmental Cleanup Responsibility Act
CFR	Code of Federal Regulations
CH ₄	Methane
CO	Carbon monoxide
CO ₂	Carbon dioxide
CO ₂ (e)	Carbon dioxide equivalent
CRP	Conservation Reserve Program
CRUP	Cultural Resource Use Permit
CT	Computer Tomography
CTNF	Caribou-Targhee National Forest
CULT	Cultural
CWA	Clean Water Act
d	Distance
d ²	Distance squared
dB	Decibel
dBA	Decibel A-rated
dB/dt	Decibel per distance x time (time rate change of magnetic field)
dBuV/m	Decibel Volts per Meter (field strength)
DC	Direct current
DEQ	Department of Environmental Quality
DFC	Desired Future Condition
DGPS	Differential GPS (Global Positioning System)
DHS	U.S. Department of Homeland Security
DOE	U.S. Department of Energy
DOE-IDO	Department of Energy Idaho Operations Office
DOT	U.S. Department of Transportation
DNA	Deoxyribonucleic Acid
DPS	Distinct Population Segment
DC	Direct current
EC-ISAC	Electricity Sector Information Sharing and Analysis Center
EHC	Environmental Health Criteria
EHV	Extra high voltage
EIS	Environmental impact statement
e.g.	For Example

ELF	Extremely Low Frequency
EM	Electromagnetic
EMF	Electric and magnetic field
EMI	Electromagnetic Interference
EPA	U.S. Environmental Protection Agency
EPRI	Electric Power Research Institute
ESA	Endangered Species Act
°F	Degrees Fahrenheit
FAA	Federal Aviation Administration
FAS	Fishing Access Site
FCC	Federal Communications Commission
FDA	Food and Drug Administration
FLPMA	Federal Land Policy and Management Act
FM	Frequency Modulations (in reference to radio frequency)
FMP	Forest Management Plan
FR	Federal Register
FSA	Farm Service Agency
FTLD	Frontotemporal Lobar Degenerations
FWS	U.S. Fish and Wildlife Service
G	Gauss
GEOL	Geology
GHG	Greenhouse gas
GHz	Gigahertz
GIS	Geographic information system
GPS	Global positioning system
GWh	Gigawatt hour
GWh/yr	Gigawatt hours per year
HCN	Health Council of the Netherlands
HPFF	High-pressure fluid-filled
HPGF	High-pressure gas-filled
HPTP	Historic Properties Treatment Plan
HUC	Hydrologic Unit Code
Hz	Hertz
IARC	International Agency for Research on Cancer
ICES	International Committee of Electromagnetic Safety

ICNIRP	International Commission on Non-Ionizing Radiation Protection
ICST	Interagency Conservation Strategy Team
ID	Idaho
IDAPA	Idaho Administrative Procedures Act
IDCDC	Idaho Conservation Data Center
IDEQ	Idaho Department of Environmental Quality
IDER	Idaho Environmental Report
IDFG	Idaho Department of Fish and Game
IDL	Idaho Department of Lands
IDWR	Idaho Department of Water Resources
i.e.	That is to say; in other words
IEEE	Institute of Electrical and Electronics Engineers
IITRI	Illinois Institute of Technology Research
IOP	Interagency Operating Procedure
INL	Idaho National Laboratory
IPCC	Intergovernmental Panel on Climate Change
IPCO	Idaho Power Company
IRA	Inventoried Roadless Area
IRP	Integrated Resource Plan
ISAC	Idaho Sage-Grouse Advisory Committee
ITD	Idaho Transportation Department
KOP	Key Observation Point
km	Kilometer
kV	Kilovolt
kV/m	Kilovolt per meter
JLARC	Joint Legislative Audit & Review Commission
Ldn	Day-night (dn) sound level (L)
Leq	Equivalent (eq) sound level (L)
LRO	Local routing option
LUP	Land Use Plan
LWCF	Land and Water Conservation Fund
m	Meter
mA	Milliamps
MCA	Montana Code Annotated
MCM	Circular millimeters

MDEQ	Montana Department of Environmental Quality
MDNRC	Montana Department of Natural Resources and Conservation
MDT	Montana Department of Transportation
MEPA	Montana Environmental Policy Act
MFP	Management Framework Plan
MFSA	Major Facility Siting Act
MFWP	Montana Fish, Wildlife and Parks
mG	Milligauss
MHS	Montana Historical Society
MHz	Megahertz
MMT	Million metric tons
MNHP	Montana National Heritage Program
MNWSAC	Montana Noxious Weed Summit Advisory Council
MOU	Memorandum of Understanding
MPB	Mountain Pine Beetle
MPDES	Montana Pollutant Discharge Elimination System
MPH	Miles per hour
MRI	Magnetic Resonance Imaging
MSGWG	Montana Sage-Grouse Work Group
MSTI	Mountain States Transmission Intertie
MT	Montana
MTNHP	Montana National Heritage Program
MVA	Milli-Volt Amps
MW	Megawatt
N ₂ O	Nitrous oxide
NA or N/A	Not Applicable
NAAM	Native American Asset Management
NAAQS	National Ambient Air Quality Standards
NAGPRA	Native American Graves Protection and Repatriation Act
NCI	National Cancer Institute
NEPA	National Environmental Policy Act of 1969
NESC	National Electric Safety Code
NFMA	National Forest Management Act
NHPA	National Historic Preservation Act of 1966, as amended
NIEHS	National Institute of Environmental Health Sciences
NLCS	National Landscape Conservation System
NNL	National Natural Landmark
NO ₂	Nitrogen dioxide

NOAA	National Oceanic and Atmospheric Administration
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NPS	National Park Service
NRBP	National Radiological Protection Board of Great Britain
NREL	National Renewable Energy Laboratory
NRHP	National Register of Historic Places
NTTG	Northern Tier Transmission Group
NWI	National Wetland Inventory
OASIS	Open Access Same-time Information System
OHV	Off-highway vehicle
OU	Operable unit
PCS	Personal Communication Services
PD	Parkinson's Disease
P.L.	Public Law
PLC	Power Line Carrier
PA	Programmatic Agreement
PEIS	Programmatic Environmental Impact Statement
PFYC	Potential Fossil Yield Classification
PL	Public Law
PM ₁₀	Particulate matter with a diameter of 10 micrometers or less
PM _{2.5}	Particulate matter with a diameter of 2.5 micrometers or less
POD	Plan of Development
PPLM	PPL Montana, LLC
PSD	Prevention of Significant Deterioration
PV	Photovoltaic
RAPID	Research and Public Information Dissemination Program
RCA	Riparian Conservation Area
RF	Radio frequency
RMA	Recreation Management Area
RMATS	Rocky Mountain Area Transmission Study
RMP	Resource Management Plan
RMS	Root Mean Square
RNA	Research Natural Area

ROD	Record of Decision
ROW	Right-of-way
RPS	Renewable Portfolio Standards
SCADA	Supervisory Control and Data Acquisition
SCFF	Self-contained fluid-filled
SGPA	Sage-Grouse Planning Area
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SMA	Special Management Area
SNR	Signal-to-noise ratio
SO ₂	Sulfur dioxide
SOPA	Schedule of Proposed Actions
SRMA	Special Recreation Management Area
STIP	State Transportation Improvement Program
SWIP	Southwest Intertie Project
SWPPP	Storm Water Pollution Prevention Plan
T	Tesla
TCP	Traditional Cultural Property
TDMA	Time Division Multiple Access
TSR	Transmission Service Request
TUP	Temporary Use Permit
TV	Television
TWA	Time Weighted Average
UHF	Ultra High Frequency
UKCCS	United Kingdom Childhood Cancer Study
U.S.	United States
UPRR	Union Pacific Railroad
USC	United States Code
USDA	U.S. Department of Agriculture
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UTM	Universal Transverse Mercator
VEG	Vegetation
VHF	Very High Frequency
V/m	Volts per meter

VQO	Visual Quality Objective
VRM	Visual Resource Management
WAAS	Wide Area Augmentation System
WDFW	Washington Department of Fish and Wildlife
WECC	Western Electricity Coordinating Council
WEG	Wind erodibility group
WGA	Western Governors' Association
WHO	World Health Organization
WLIFE	Wildlife
WMA	Wildlife Management Area
WMTF	Weed Management Task Force
WSA	Wilderness Study Area
WVEC	West-Wide Energy Corridor
XLPE	Extruded-dielectric
RSA	Rotor-swept Area
