

CHAPTER 5: ACRONYMS AND ABBREVIATIONS

AASHTO	American Association of State Highway and Transportation Officials
ADT	Average daily traffic
aMW	Average megawatt
APE	Area of Potential Effect
Applicant	Sagebrush Power Partners LLC
APWRA	Altamont Pass Wind Resource Area
APZ	Agricultural Protection Zone
ASC	Application for Site Certification
AWEA	American Wind Energy Association
BA	Biological Assessment
BLS	Basic life support
BMPs	Best management practices
Bonneville	Bonneville Power Administration
BP	Before Present
BWEA	British Wind Energy Association
CARES	Citizens Alliance for Renewable Energy Solutions
CDL	Construction and demolition debris
CEC	California Energy Commission
CFASC	Cascade Field and Stream Club
CFCs	Chlorofluorocarbons
CFR	Code of Federal Regulations
cfs	Cubic feet per second
CH ₄	Methane
CMP	Corrugated metal pipe
CO	Carbon monoxide
CO ₂	Carbon dioxide
Corps	U.S. Army Corps of Engineers
CSZ	Cascadia Subduction Zone
CTED	Department of Community, Trade, and Economic Development
dB	Decibel
dBA	Decibel on the A-weighted scale
DNR	Washington Department of Natural Resources
DPS	Distinct Population Segment
Ecology	Washington Department of Ecology
EDNA	Environmental designation for noise abatement
EFSEC	Energy Facility Site Evaluation Council
EIA	Energy Information Administration
EIS	Environmental Impact Statement
EMF	Electric and magnetic fields
EMS	Emergency medical services

EOs	Executive Orders
EPA	Environmental Protection Agency
EPC	Engineering, procurement, and construction
ESA	Endangered Species Act
ESU	Evolutionarily Significant Unit
EWU	Eastern Washington University
FAA	Federal Aviation Administration
FCRTS	Federal Columbia River Transmission System
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration
FIC	Facilities Impact Study
ft/mi	Feet per mile
GMA	Growth Management Act
gpd	Gallons per day
gpm	Gallons per minute
GPO	Goal, Policy, Objective
GPS	Global Positioning System
HAWT	Horizontal axis wind turbine
HAZMAT	Hazardous Materials Team
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HPA	Hydraulic Project Approval
HRA	Historical Research Associates
Hz	Hertz
I-90	Interstate 90
IEC	International Electrotechnical Commission
IPCC	Intergovernmental Panel on Climate Change
IRP	Integrated Resource Plan
ITE	Institute of Transportation Engineers
IWC	International Wind Corporation
JARPA	Joint Aquatic Resource Permit Application
KCC	Kittitas County Code
kg	Kilograms
KRD	Kittitas Reclamation District
kV	Kilovolt
kV/m	Kilovolts per meter
KVWPP	Kittitas Valley Wind Power Project
kW	Kilowatt
KWh	Kilowatt-hour

LADWP	Los Angeles Department of Water and Power
L_{eq}	Equivalent sound pressure level
LLC	Limited liability corporation
LOS	Level-of-service
mG	Milligauss
MM	Modified Mercalli
mm	Millimeter
MORI	Market and Opinion Research International
MP	Milepost
mph	Miles per hour
MVM	Million vehicle-miles
MW	Megawatts
MWh	Megawatt hour
N_2O	Nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAGPRA	Native American Graves Protection and Repatriation Act
NAHB	National Association of Home Builders
NAS	National Airspace System
NEC	National Electric Code
NESC	National Electrical Safety Code
NFPA	National Fire Protection Agency
NHPA	National Historic Preservation Act
NOAA	National Oceanic and Atmospheric Administration
NOC	Notice of Construction
NOI	Notice of Intent
NO_x	Nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NREL	National Renewable Energy Laboratory
NRHP	National Register of Historic Places
NWCC	National Wind Coordinating Committee
NWI	National Wetland Inventory
NWP	Nationwide Permit
NWPCC	Northwest Power and Conservation Council
O&M	Operations and maintenance
O_3	Ozone
OAHP	Office of Archaeology and Historic Preservation
OFM	Office of Financial Management
OSHA	Occupational Safety and Health Administration
PGE	Portland General Electric
PM_{10}	Particulate matter less than 10 micrometers in size
$PM_{2.5}$	Particulate matter less than 2.5 micrometers in size
PPA	Power purchase agreement
PSD	Prevention of Significant Deterioration

PSE	Puget Sound Energy
PUD	Public Utility District
QA/QC	Quality Assurance/Quality Control
RCW	Revised Code of Washington
REPP	Renewable Energy Policy Project
RFP	Request for proposals
ROW	Right-of-way
RPM	Rotations per minute
RSA	Rotor swept area
RTOs	Regional Transmission Organizations
RV	Recreational vehicle
SCA	Site Certification Agreement
SCADA	Supervisory Control and Data Acquisition
SEED	Sustainable Energy for Economic Development
SEPA	Washington State Environmental Policy Act
SIS	System Impact Study
SMA	Shoreline Management Act
SMP	Shoreline Master Program
SR	State Route
SWPPP	Storm Water Pollution Prevention Plan
TAC	Technical Advisory Committee
TCP	Traditional Cultural Properties
TMDL	Total maximum daily load
TMP	Transportation Management Plan
UBC	Uniform Building Code
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
V	Volts
V/m	Volts per meter
VAWT	Vertical axis wind turbine
WAAQS	Washington Ambient Air Quality Standards
WAC	Washington Administrative Code
WDFW	Washington Department of Fish and Wildlife
WDGER	Washington Division of Geology and Earth Resources
WECC	Western Electricity Coordinating Council
WECO	Wind Energy in Cold Climates
WEST, Inc.	Western EcoSystems Technology, Inc.

WIDM	Wetland Identification and Delineation Manual
WNHP	Washington Natural Heritage Program
WSDOT	Washington State Department of Transportation
WUTC	Washington Utilities and Transportation Commission