Whistling Ridge Energy Project

Final Environmental Impact Statement

August 2011

Washington State Environmental Policy Act Lead Agency:
State of Washington, Energy Facility Site Evaluation Council

This Final Environmental Impact Statement has been issued by the Washington State Energy Facility Site Evaluation Council (EFSEC) to fulfill its lead agency responsibilities under EFSEC's SEPA rules at Washington Administrative Code (WAC) 463-47-150. The Bonneville Power Administration (BPA) also will be issuing this FEIS to meet its obligations under the National Environmental Policy Act (NEPA) before it makes a decision on whether to allow an interconnection of the proposed project to the BPA transmission system. EFSEC and BPA have worked together to ensure that this joint FEIS meets the requirements of both SEPA and NEPA.

Note to Reader: This Final EIS revises and updates the information presented in the Draft EIS for the Whistling Ridge Energy Project issued in May 2010. New or revised text is shown in red underlined font and deleted text is crossed out with a solid black line (*e.g.* ~~example~~). Changes to tables, graphs, and other figures are indicated using similar editorial techniques.

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- Wetland Delineation Report, Saddleback Wind Energy Project (CH2MHill 2007) (Appendix C-2)
- Rare Plant Survey Report: Saddleback Wind Project (CH2MHill 2003) (Appendix C-3)
- Baseline Avian Use Surveys of the Project in Fall 2004, Summer 2006, and winter-spring 2008-2009 (West Inc. 2009a) (Appendix C-4)
- Final Report, Northern spotted owl, western gray squirrel and northern goshawk surveys conducted for the Whistling Ridge Wind Energy Project (Turnstone 2004) (Appendix C-5)
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ACRONYMS AND ABBREVIATIONS

µPa	micropascals
AADT	average annual daily traffic
APE	area of potential effects
Applicant	Whistling Ridge Energy LLC
bgs	below ground surface
BMPs	best management practices
BP	before present
BPA	Bonneville Power Administration
CAA	Clean Air Act
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CPE	Columbia Plateau Ecoregion
CRL 40	Commercial Resource Land 40
CSA	Conservation Support Area
CTED	Community, Trade and Economic Development
CRGNSA	Columbia River Gorge National Scenic Area
DAHP	Department of Archeological and Historic Preservation
dB	decibels
dBA	A-weighted decibels
dBG	G-weighted decibels
DNR	Department of Natural Resources
Ecology	Washington Department of Ecology
EDNA	Environmental Designation for Noise Abatement
EFSEC	Energy Facility Site Evaluation Council
EIS	Environmental Impact Statement
EPA	US Environmental Protection Agency
FAA	Federal Aviation Administration
FCRTS	Federal Columbia River Transmission System
FHWA	Federal Highway Administration
FL 20	Forest Land 20
For/Ag-20	Resource Protection
GIS	Geographic Information System
GMA	General Management Area
Hz	Hertz
I-84	Interstate 84
ISO	International Organization for Standardization

kV	kilovolt
KVA	Key Viewing Area
kW	kilowatt
kV	kilovolt
L_{10}	noise levels equaled or exceeded 10 percent of a measured time interval
L_{50}	noise levels equaled or exceeded 50 percent of a measured time interval
L_{90}	noise levels equaled or exceeded 90 percent of a measured time interval
L_{dn}	day-night average sound level
L_{eq}	equivalent sound level
LHA	Landslide Hazard Areas
L_{max}	maximum L_{eq}
L_{min}	minimum L_{eq}
LOS	level of service
mG	milligauss
MOCA	managed owl conservation area
MP	milepost
mph	miles per hour
msl	mean sea level
MVM	million-vehicle-miles
MW	megawatt
MWh	megawatt hours
NAT	Natural
NCASI	National Council for Air and Stream Improvement
NEPA	National Environmental Policy Act
NHPA	National Historic Preservation Act
NOAA	National Oceanic and Atmospheric Administration
NOC	Notice of Construction
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NWI	National Wetland Inventory
NPCC	Northwest Power and Conservation Council
ODEQ	Oregon Department of Environmental Quality
OSHA	Occupational Safety and Health Administration
PCBs	polychlorinated biphenyls
PM	particulate matter
$PM_{2.5}$	particulate matter 2.5 micrometers diameter and smaller
PSD	Prevention of Significant Deterioration
PUBFh	palustrine unconsolidated bottom, semi-permanently flooded, impounded
PUD	Public Utility District

PWL	sound power level
R-10	Residential 10
RCW	Revised Code of Washington
RES-20	Rural Estates 20
ROD	Record of Decision
rpm	revolutions per minute
RPS	Renewable Portfolio Standard
RV	recreational vehicle
SCC	Skamania County Code
SCFD3	Skamania County Fire District No. 3
SDS	SDS Lumber Company
SEPA	State Environmental Policy Act
SMA	Special Management Area
SOSEA	spotted owl special emphasis area
SPCC	Spill Prevention, Control and Countermeasure
SPL	sound pressure level
SR	State Route
SWPPP	Stormwater Pollution Prevention Plan
TMP	Transportation Management Plan
Turnstone	Turnstone Environmental Consultants, Inc.
UNM	Unmapped
USC	United States Code
USFS	US Forest Service
USFWS	US Fish and Wildlife Service
USGS	US Geological Survey
V	volts
WAC	Washington Administrative Code
WDFW	Washington Department of Fish and Wildlife
WNHP	Washington Natural Heritage Program
WSDOT	Washington State Department of Transportation

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