

# **Application for Site Certificate for Obsidian Solar Center**

Submitted to:

**Oregon Department of Energy**

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Prepared by:

**Obsidian Renewables LLC  
5 Centerpointe Drive, Suite 250  
Lake Oswego, OR 97035**



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# A cronyms and Abbreviations

ac	alternating current
ACEC	Area of Critical Environmental Concern
ANSI	American National Standards Institute
APLIC	Avian Power Line Interaction Committee
Applicant	Obsidian Solar Center, LLC
ASC	Application for Site Certificate
BMP	best management practice
BOP	balance of plant
CAD	computer-aided drafting
Council	Oregon Energy Facility Siting Council; <i>also</i> , EFSC
CWMA	Cooperative Weed Management Area
dB	decibels
dBA	A-weighted decibels
dc	direct current
DEQ	Oregon Department of Environmental Quality
DOGAMI	Oregon Department of Geology and Mineral Industries
DSL	Oregon Department of State Lands
E & E	Ecology and Environment, Inc.
EFSC	Oregon Energy Facility Siting Council; <i>also</i> , Council
EPA	U.S. Environmental Protection Agency
ESCP	Erosion and Sediment Control Plan
FAA	Federal Aviation Administration
Facility	Obsidian Solar Center
gen-tie	generation tie
GPS	global positioning system
HSG	hydrologic soil group
HVAC	heating, ventilation, air conditioning
IBC	International Building Code
IEEE	Institute of Electrical and Electronics Engineers
ISO	Organization for Standardization
kV	kilovolt
kV/m	kilovolts per meter
Kw	soil erodibility factor
Lake County CWMA	Lake County Cooperative Weed Management Area
LCC	Land Capability Class
LCCP	Lake County Comprehensive Plan
LCDC	Land Conservation and Development Commission
LCZO	Lake County Zoning Ordinance
Lxx	sound level exceeded “XX” percent of the time
mConE	Maximum Considered Earth
mG	milligauss
MWac	alternating current megawatts
MWh	megawatt hours

NHPA	National Historical Preservation Act
NLCD	National Land Cover Database
NOI	Notice of Intent
NPDES	National Pollution Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
O&M	operations and maintenance
OAR	Oregon Administrative Rules
Obsidian	Obsidian Renewables, LLC
OCS	Oregon Conservation Strategy
ODA	Oregon Department of Agriculture
ODFW	Oregon Department of Fish and Wildlife
ODOE	Oregon Department of Energy
OHV	off-highway vehicle
OHWM	ordinary high water mark
OPRD	Oregon Parks and Recreation Department
ORBIC	Oregon Biodiversity Information Center
ORS	Oregon Revised Statutes
OSSC	Oregon Structural Specialty Code
PGE	Portland General Electric Company
PV	photovoltaic
RFPA	Rangeland Fire Protection Association
RMP	Resource Management Plan
RNA	Research Natural Area
ROW	right-of-way
RPS	Renewable Portfolio Standard
RV	recreational vehicle
SCADA	Supervisory control and data acquisition
SHPO	State Historic Preservation Office
SPCC Plan	spill prevention control and countermeasure plan
SR	State Route
SRE	Swinerton Renewable Energy
SRMA	Special Recreation Management Area
Swinerton Builders	Swinerton Builders, LLC
U.S.C.	U.S. Code
USACE	U.S. Army Corps of Engineers
USDA	U.S. Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
WEG	wind erodibility group
WHMMP	Wildlife Habitat Mitigation and Monitoring Plan
WLIP	Working Lands Improvement Program
WSA	Wilderness Study Area