Application for Site Certificate for Obsidian Solar Center

Submitted to:

Oregon Department of Energy

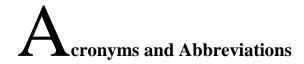
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ac alternating current

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; also, 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; also, 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