

# Obsidian Solar Center at Fort Rock

## Description:

The Obsidian Solar Center at Fort Rock is a large-scale solar in south Central Oregon with the potential for the addition of battery storage. This project will begin construction in 2019 and be completed in 2022 or 2023.

Obsidian Solar Center is large enough for more than one project: the eventual build-out could be as large as one 400 MW project or could be developed as two 200 MW projects as desired by investment partners. Each project would be among the lowest-cost solar facility in the Northwest connected to the California-Oregon Intertie.

**The final design and size will depend on market demand.**

**Site:** Obsidian Solar Center has a large high-desert area (4,000 acres) under option. The mostly private land is adjacent to the three 500 kV transmission lines that make up the California-Oregon Intertie. These lines run from the Columbia dam system on the Oregon/Washington border to the California/Oregon border and on into California.

The site is very sunny and, at 4,000 feet of elevation, has ideal conditions for solar power. The site is sagebrush and very dry; poor quality grazing land.



Obsidian Renewables Black Cap Solar project

**Interconnection:** Obsidian has 400 MW interconnection request pending the Portland General Electric line on the Intertie. The Feasibility and System Impact Studies are completed, and the Facilities Study is currently underway.

**Transmission:** The utilities acquiring power or interests in Obsidian Solar Center at Fort Rock are expected to provide or obtain transmission rights for the project. The project's location on the Intertie allows it to serve several utilities in Oregon, Washington and California.

**Construction and Completion:** Construction will begin in 2019 in order to vest into the federal investment tax credit of 30 percent (which phases down after 2019). The project is expected to be finished in 2022 or 2023.

**Land Use:** Obsidian Solar Center will occupy approximately 4,000 acres of low value grazing land. It will not take any agricultural land out of production and will have no negative impact on regional farm income. A final application for site certificate for the full 400 MW project with the Oregon Energy Facilities Siting Council is set to be filed within the next 30 days.

**Opportunity:** The Northwest is expected to need new capacity in the near term in order to maintain an acceptable level of Resource Adequacy after planned coal retirements. The Northwest faces an 8 GW capacity deficit by 2030 unless new, dispatchable capacity is constructed. [*Resource Adequacy in the Northwest*, Energy + Environmental Economics, March 2019]

Obsidian Renewables, LLC

5 Centerpointe Drive, Suite 250, Lake Oswego, OR 97035

Phone: 503-245-8800 Fax: 503-245-8804

[www.obsidianrenewables.com](http://www.obsidianrenewables.com)

## Obsidian Solar Center at Fort Rock

### About Obsidian Renewables:

Obsidian Renewables has a long-standing interest in alternative energy, particularly solar. Obsidian Renewables employs a multi-disciplinary approach to finding and creating value by solving difficult and complex problems. Obsidian's team has expertise in energy, law, real estate, finance, tax, insolvency, and engineering.

### Contact Us

**David Brown**

Senior Principal

503-542-8866 direct

[dbrown@obsidianrenewables.com](mailto:dbrown@obsidianrenewables.com)

**Peter Brown**

Vice President

503-542-8873 direct

[pbrown@obsidianrenewables.com](mailto:pbrown@obsidianrenewables.com)

**Michelle Slater**

Project Manager/ Counsel

(503) 577-1446

[mslater@obsidianrenewables.com](mailto:mslater@obsidianrenewables.com)

**Laurie Hutchinson**

Renewable Energy Developer

(503) 310-3669

[lhutchinson@obsidianrenewables.com](mailto:lhutchinson@obsidianrenewables.com)

Obsidian Renewables, LLC

5 Centerpointe Drive, Suite 250, Lake Oswego, OR 97035

Phone: 503-245-8800 Fax: 503-245-8804

[www.obsidianrenewables.com](http://www.obsidianrenewables.com)