

Project:

# Obsidian Solar Center at Fort Rock

At 400 MW, this will be the largest and lowest cost solar facility in the Northwest

<https://obsidiansolarcenter.com>

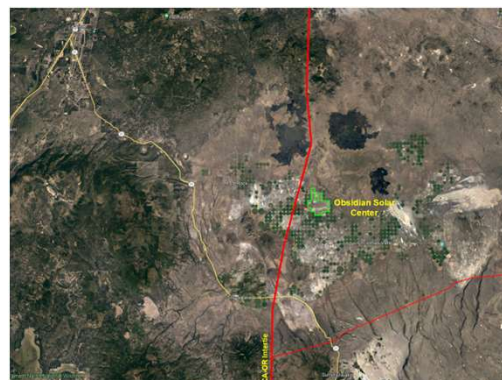


## Project Details

Capacity: BESS Capacity:	<ul style="list-style-type: none"> <li>400MW<sub>AC</sub>/ up to 680 MW<sub>DC</sub></li> <li>Approved for up to 50MW/250MWh "flow" batteries</li> </ul>
Location:	<ul style="list-style-type: none"> <li>Lake County, Oregon (4,000 ft elevation with ideal solar conditions)</li> </ul>
Site Specifics:	<ul style="list-style-type: none"> <li>4,080 acres purchased and under option (100% Site Control) adjacent to 500 kV transmission lines that make up the Southern Intertie</li> </ul>
Land Use:	<ul style="list-style-type: none"> <li>OR EFSC approved a Site Certificate, 2022</li> </ul>
Interconnection:	<ul style="list-style-type: none"> <li>Bonneville Power Administration:</li> <li>400 MW interconnection study underway for 500 kV line.</li> <li>System impact study is completed.</li> <li>Affected systems near completion.</li> </ul>
Transmission:	<ul style="list-style-type: none"> <li>Location on the BPA system positioned to serve several utilities in OR and WA. (Lines run from the Columbia dam system on the Oregon and Washington border to the California border)</li> <li>Transmission requests pending with delivery points to several locations in WA and OR</li> </ul>
EPC:	<ul style="list-style-type: none"> <li>SOLV Energy: Turnkey EPC services agreement</li> </ul>
Target NTP: Target COD:	<ul style="list-style-type: none"> <li>3Q 2023</li> <li>3Q 2026</li> </ul>
Tax Credit Eligibility:	<ul style="list-style-type: none"> <li>PTC eligibility through IRA extension of solar power production credit (subject to prevailing wage and union labor requirements)</li> <li>ITC eligible 40% through domestic content modules</li> </ul>
Economic Development:	<ul style="list-style-type: none"> <li>Sited in low-income census tract</li> <li>~150 construction jobs in 2024 - 2026</li> <li>5 - 10 FTE Operations and Maintenance</li> </ul>

## Location and Site Plan

Development Site near Fort Rock, OR



Obsidian Solar Center Photovoltaic Array Site Plan



Illustrative use: Obsidian Renewables Black Cap Solar Project



### About Obsidian Renewables:

Obsidian Renewables has a long track record of developing renewable energy projects in the Pacific Northwest. We have an extensive pipeline of projects in development, including solar and green hydrogen infrastructure across Oregon and Washington. Our team employs a multi-disciplinary approach to development, drawing upon expertise in energy, law, real estate, finance, tax, and engineering paired with deep ties to key stakeholders and off-takers in the region.

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