

### What is the status of active and inactive EFSC-jurisdiction solar projects?

The Oregon Energy Facility Siting Council approved its first solar project in February 2018. Currently there are sixteen active projects that total 3,729 MW on 37,204 acres (57.9 square miles), all on Exclusive Farm Use zoned ground. All approved projects have received an exception to Goal 3 – Agricultural Lands, and all applications currently under review are requesting a similar exception.

Below are four tables showing the status of active and inactive EFSC jurisdictional solar projects.

**Table 1 – Overview of EFSC Active and Inactive Solar Projects**

In Operation	In Construction	Approved but not Constructed, Approval Still Valid	Under Review	Inactive
1 Project 50 MW	3 Projects 362 MW	8 Projects 862 MW	4 Projects 2,455 MW	2 Projects 350 MW

**Table 2 - EFSC Approved Solar Projects**

Color Key	Began construction within original construction deadline				
	Received amendment to extend beginning construction deadline				
	Approved but construction has not started and original approval still valid				
	Split into separate projects, split from another project, or solar added through an amendment to an existing project				
Project Name	Description	Location (County)	Parent Company	Site certificate Issuance	Status
<b>Boardman Solar Energy Facility</b>	75 MW on 798 Acres (1.25 sq. miles)	Morrow	Invenergy	Feb. 2018	<b>Not Started Construction:</b> Project was approved subject to expedited review, within the six-month timeframe after completeness. Requested and received 3-year beginning construction time extension citing lack of a power purchase agreement. Deadline to begin construction is Feb. 2024.
<b>Carty Generating Station</b>	50 MW on 315 acres (.49 sq. miles)	Morrow	Portland General Electric	Dec. 2018	<b>Not Started Construction:</b> Requested and received 3-year beginning construction time extension citing demolition of Boardman Coal Plant and need to reevaluate whole area for possible redevelopment. Also, not developed adequately for request for proposal submittal under PGE’s competitive bidding process. Deadline to begin construction is Feb 2028.  Approved as amendment to natural gas power plant.
<b>Montague Solar Facility</b>	162 MW on 1,189 acres (1.85 sq. miles)	Gilliam	Avangrid	Aug. 2019	<b>Under Construction:</b> Originally part of Montague Wind Power Facility (404 MW Wind/Solar). Currently split into this project, Oregon Trail and Montague Wind.
<b>Oregon Trail Solar Facility</b>	41 MW Solar or Wind on 1,228 acres (1.9 sq. miles)	Gilliam	Avangrid	Aug. 2019	<b>Not Started Construction:</b> Requested 3-year beginning construction time extension citing lack of a power purchase agreement. Council approved amendment request on March 24, 2023. New deadline to begin construction is Aug. 2025.  Originally part of Montague Wind Power Facility (404 MW Wind/Solar). Currently split into this project, Montague Solar and Montague Wind.

<b>Wheatridge Renewable Energy Facility III</b>	150 MW on 2,294 acres (3.5 sq. miles)	Morrow	NextEra	Nov 2019	<p><b>Phase 1 Operational:</b> 50 MW</p> <p><b>Phase 2 Not Started Construction:</b> 100 MW. Construction must be completed by Nov. 2025.</p> <p>Originally part of Wheatridge Wind Energy Facility (500 MW wind and 150 MW solar). Currently split into this project and two 200 MW wind projects.</p>
<b>Bakeoven Solar Project</b>	60 MW on 1,270 Acres (2.0 sq. miles)	Wasco	Avangrid	April 2020	<p><b>Under Construction:</b> Construction currently on hold due to lack of availability of components.</p> <p>Originally 300 MW project that was split into three (Bakeoven, Daybreak &amp; Sunset).</p>
<b>Daybreak Solar Project</b>	140 MW on 1,817 Acres (2.8 sq. miles)	Wasco	Avangrid	April 2020	<p><b>Under Construction:</b> Construction currently on hold due to lack of availability of components.</p> <p>Originally 300 MW project that was split into three (Bakeoven, Daybreak &amp; Sunset).</p>
<b>Sunset Solar Project</b>	100 MW on 2,186 Acres (3.4 sq. miles)	Wasco	Avangrid	April 2020	<p><b>Not Started Constructed:</b> Originally 300 MW project that was split into three (Bakeoven, Daybreak &amp; Sunset). Deadline to begin construction is April 2025.</p>
<b>Madras Solar Project</b>	63 MW on 284 acres (.44 sq. miles)	Jefferson	Ecoplexus	June 2021	<p><b>Pre-Construction:</b> Currently completing pre-construction conditions with intent of beginning construction soon.</p>
<b>Obsidian Solar Center</b>	400 MW on 3,921 acres (6.1 sq. miles)	Lake	Obsidian Renewables	Feb. 2022	<p><b>Pre-Construction:</b> Currently completing pre-construction conditions with intent of beginning construction soon. Project was opposed by local landowners who challenged potential impacts to agriculture, among other things, in the contested case phase.</p>
<b>West End Solar Project</b>	50 MW on 324 acres (.5 sq. miles)	Umatilla	Eurus Energy America Corporation	March 2023	<p><b>Not Started Constructed:</b> Project was just approved by EFSC.</p>

**Table 3 - EFSC Solar Projects Under Review**

Project Name	Description	Location (County)	Parent Company	Status
<b>Nolin Hills Wind Power Project</b>	600 MW (340 – wind and 260 – solar)  Solar would be on 1,896 acres (2.96 sq. miles)	Umatilla	Capitol Power Corporation	<b>Contested Case Phase:</b> At question is the applicability of the county’s 2-mile setback back between wind turbines and residences. In their application the applicant asserted the setback is not applicable. The Department agreed with the applicant in its Draft Proposed Order and Proposed Order. The County disagrees and asserts it is applicable.
<b>Wagon Trail Solar Project</b>	500 MW on 7,450 acres (11.64 sq. miles)	Morrow	NextEra	<b>Preliminary Application Phase:</b> Application is currently missing information needed for the Council to make findings or impose conditions on all applicable Council standards.  Department continues to work on Draft Proposed Order related to sections of the application that do include needed information.
<b>Archway Solar Energy Facility</b>	400 MW on 3,650 acres (5.7 sq. miles)	Lake	Invenergy	<b>Preliminary Application Phase:</b> Application is currently missing information needed for the Council to make findings or impose conditions on all applicable Council standards.  Department continues to work on Draft Proposed Order related to sections of the application that do include needed information.
<b>Echo Solar Project</b>	1,250 MW on 10,900 acres (17 sq. miles)	Morrow	Pine Gate Renewables	<b>Notice of Intent Phase:</b> Applicant has stated that it intends to submit its preliminary application in mid-2023.

**Table 4 - EFSC Inactive Solar Projects**

Project Name	Description	Location (County)	Parent Company	Status
<b>Bonanza Energy Facility</b>	300 MW on 1,850 acres (2.89 sq. miles)	Klamath	Hecate Energy NAF	<b>Expired:</b> Did not submit preliminary application within two-year timeframe or request for a one-year time extension by August 7, 2022 and Notice of Intent expired. Many comments were received in opposition to this project during the Notice of Intent comment period. Most related to concerns about impacts to agriculture.
<b>Blue Marmot Solar Energy Facility</b>	50 MW on 2,332 acres (3.6 sq. miles)	Lake	EDP Renewables	<b>Expired:</b> Did not submit preliminary application within two-year timeframe or request for a one-year time extension by October 27, 2022 and the Notice of Intent expired. Many comments were received in opposition to this project during the Notice of Intent comment period. Most related to concerns about impacts to agriculture.  The applicant elected to propose a smaller HB 2329 project to the County, also called Blue Marmot. That application was denied by the County Board of Commissioners.

Based on the tables above and data on total solar projects in operation in Oregon according to the Renewable Northwest Resources Map,<sup>1</sup> Figure 1 below shows the current landscape for solar development compared to the target of 10,550 MW of terrestrial solar generation need in Oregon (but not necessarily constructed in Oregon) identified by the [Oregon Clean Energy Pathways study](#),<sup>2</sup> one of the many scenarios examined by the Department of Energy in the [“Charting a Course” Policy Brief](#) in the 2022 *Biennial Energy Report*.

<sup>1</sup> <https://renewablenw.org/resources-map>

<sup>2</sup> Evolved Energy Research. (2021). Oregon Clean Energy Pathways—Final Report (p. 39).

[https://uploadssl.webflow.com/5d8aa5c4ff027473b00c1516/6328d0cb1553b714a2f95f11\\_Oregon%20Clean%20Energy%20Pathways%20Analysis%20Final%20Report%20\(2021-06-15\).pdf](https://uploadssl.webflow.com/5d8aa5c4ff027473b00c1516/6328d0cb1553b714a2f95f11_Oregon%20Clean%20Energy%20Pathways%20Analysis%20Final%20Report%20(2021-06-15).pdf)

Figure 1 – Oregon 2050 Solar Needs

