



Oregon

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To: Energy Facility Siting Council

From: Todd Cornett, ODOE Assistant Director for Siting/Council Secretary

Date: April 8, 2022

Subject: Agenda Item G (Information Item):
Industry Renewable Project Timelines for the April 22, 2022 EFSC Meeting

Attachments: Attachment 1: Draft Proposed Order
Attachment 2: Comments

During Agenda Item G Renewable Northwest will provide a presentation about industry timelines associated with large scale renewable energy project development and how those overlap with EFSC jurisdictional projects. To help provide context to the presentation, below are two tables showing the status of approved or terminated EFSC jurisdictional renewable energy projects. Neither table includes current applications.

Table 1 – EFSC Approved/Terminated Renewable Energy Projects Status Overview

Projects in Operation	Projects in Construction	Projects Approved but not Constructed, Approval Still Valid	Projects Terminated or Withdrawn
11 (2,519 MW)	6 (806 MW)	5 (1,233 MW)	11 (3,300 MW)

Table 2 - EFSC Approved/Terminated Renewable Energy Projects Timeline (Color Key is located at the bottom of the table)

Project Name	Parent Company	Location (County)	Description	Phase Withdrawn Prior to Site Certificate	Site certificate Issuance	Time Extensions	Site Certificate Termination	Date Construction Began	Date of Operation
Obsidian	Obsidian Renewables	Lake	Solar – 400 MW on 3,921 acres (6.1 sq. miles)	N/A	Feb. 2022	N/A	N/A	N/A	N/A
Madras	Ecoplexus	Jefferson	Solar – 63 MW on 270 acres (.4 sq. miles)	N/A	June 2021	N/A	N/A	N/A	N/A
Oregon Trail	Avangrid	Gilliam	Solar or Wind – 41 MW on 1,228 acres (2 sq. miles)	N/A	Sept. 2020	N/A	N/A	N/A	N/A
Montague Solar	Avangrid	Gilliam	Solar – 162 MW	N/A	Sept. 2020	N/A	N/A	March 2021	N/A
Sunset	Avangrid	Wasco	Solar – 103 MW on	N/A	April 2020	N/A	N/A	N/A	N/A
Daybreak	Avangrid	Wasco	Solar - 140 MW on 1,817 acres (2.8 sq. miles)	N/A	April 2020	N/A	N/A	March 2021	N/A
Bakeoven	Avangrid	Wasco	Solar – 60 MW on 2,717 acres or (4.2 sq miles)	N/A	April 2020	N/A	N/A	March 2021	N/A

Wheatridge III	NextEra	Morrow	Solar – 150 MW on 2,294 acres (3.5 sq. miles)	N/A	Nov. 2019	N/A	N/A	June 2021 on 50 MW of 150 MW	N/A
Carty	PGE	Morrow	Solar – 50 MW on 315 acres (.49 sq. miles)	N/A	Dec. 2018	1 - Pending	N/A	N/A	N/A
Boardman	Invenergy	Morrow	Solar – 75 MW on 798 Acres (1.25 sq. miles)	N/A	Feb. 2018	1	N/A	N/A	N/A
Wheatridge East	NextEra	Umatilla & Morrow	Wind – 200 MW	N/A	April 2017	N/A	N/A	N/A	N/A
Wheatridge II	NextEra	Morrow	Wind – 200 MW	N/A	April 2017	N/A	N/A	Jan. 2020	Dec. 2020
Wheatridge I	NextEra now PGE	Morrow	Wind – 100 MW	N/A	April 2017	N/A	N/A	Jan. 2020	Dec. 2020
Saddle Butte	Caithness	Gilliam and Morrow	Wind – 399 MW 133 Turbines	N/A	Nov. 2016	N/A	Nov. 2019	N/A	N/A
Heppner	Invenergy	Morrow	Wind – 500 MW 335 Turbines	NOI	N/A	N/A	N/A	N/A	N/A
Brush Canyon	E. ON AG	Wasco & Sherman	Wind – 535 233 Turbines	DPO	N/A	N/A	N/A	N/A	N/A
Baseline	First Wind Energy Holdings	Gilliam	Wind – 500 MW 219 Turbines	Application	N/A	N/A	N/A	N/A	N/A

Summit Ridge	LotusWorks now Apya	Wasco	Wind – 200 MW 200 Turbines	N/A	Aug. 2011	3	N/A	Aug. 2020	N/A
Montague	Iberdrola now Avangrid	Gilliam	Wind – 404 MW Up to 269 turbines	N/A	Sept. 2010	2	N/A	Sept. 2017	Sept. 2020
Antelope Ridge	Horizon Wind Energy	Union	Wind – 300 MW 182 Turbines	Application	N/A	N/A	N/A	N/A	N/A
Rock Creek	RES America Developments	Gilliam	Wind – 550 MW 277 Turbines	NOI	N/A	N/A	N/A	N/A	N/A
Newberry Geothermal	Davenport Power	Deschutes	Geothermal – 180 MW well and powerplant	NOI	N/A	N/A	N/A	N/A	N/A
Helix	Iberdrola now Avangrid	Umatilla	Wind – 201 MW 68 Turbines	N/A	July 2009	1	Nov. 2014	N/A	N/A
Cascade Wind	UPC Wind Management	Wasco	Wind – 60 MW 40 Turbines	Application	N/A	N/A	N/A	N/A	N/A
Golden Hills	BP Alternative Energy now Avangrid	Sherman	Wind – 400 MW 125 Turbines	N/A	May 2009	3	N/A	June 2020	N/A
Shepherds Flat North	Caithness now BEP SF Holdings	Gilliam and Morrow	Wind – 290 MW 116 Turbines	N/A	July 2008	N/A	N/A	Sept. 2010	Aug. 2012

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Shepherds Flat Central	Caithness now BEP SF Holdings	Gilliam and Morrow	Wind – 290 MW 116 Turbines	N/A	July 2008	N/A	N/A	May 2010	July 2012
Leaning Juniper II A	Iberdrola now Avangrid	Gilliam	Wind – 90 MW 43 Turbines	N/A	Sept. 2007	N/A	N/A	March 2010	June 2011
Leaning Juniper II B	Iberdrola now Avangrid	Gilliam	Wind – 111 MW 74 Turbines	N/A	Sept. 2007	N/A	N/A	Feb. 2010	June 2011
Biglow Canyon	Portland General Electric	Sherman	Wind – 450 MW 217 Turbines	N/A	June 2006	N/A	N/A	April 2007	Dec. 2007
Klondike III	Iberdrola now Avangrid	Sherman	Wind - 300 MW 176 Turbines	N/A	June 2006	N/A	N/A	Oct 2006	Oct 2007
Stateline	NextEra Energy	Umatilla	Wind - 222 MW 229 Turbines	N/A	Sept. 2001	N/A	N/A	Sept. 2001	Dec. 2001
Newberry Geothermal Pilot Project	California Energy Co. Inc.	Deschutes	Geothermal – 35 MW well and powerplant	N/A	March 1996	N/A	April 2001	N/A	N/A
Knapp Ranch	Wind Energy Specialists	Curry	Wind - 40 MW 850 Turbines	N/A	Dec. 1983	N/A	April 1988	N/A	N/A

Color Key

Approved but construction has not started and original approval still valid
Began construction without time extensions
Received one or more time extensions
Received site certificate but never constructed and terminated site certificate
Withdrew application before receiving site certificate
Red Font = split into separate projects, split from another project, or added through an amendment.