

January 27, 2021

***VIA ELECTRONIC FILING***

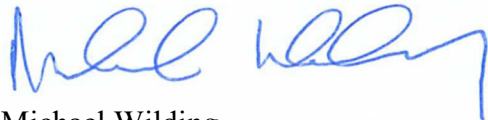
Public Utility Commission of Oregon  
Attn: Filing Center  
201 High Street SE, Suite 100  
Salem, OR 97301-3398

**RE: LC 67—PacifiCorp's Compliance Filing—New Wind and Transmission Projects  
Quarterly Update**

PacifiCorp d/b/a Pacific Power provides the attached report to the Public Utility Commission of Oregon (Commission) and staff, in compliance with Order No. 18-138, to provide quarterly updates to the Commission and staff as the development of the new wind projects from the 2017R Request for Proposals and transmission projects proceed. This report includes the update for the fourth quarter of 2020. Updates since the third quarter 2020 update have been provided in redline.

Please direct any questions regarding this report to Cathie Allen, Manager, Regulatory Affairs, at (503) 813-5934.

Sincerely,



Michael Wilding  
Director, Net Power Costs and Regulatory Policy

cc: Rose Anderson, OPUC Staff



# New Wind & Transmission Projects Quarterly Update

Public Utility Commission of Oregon  
Fourth Quarter 2020

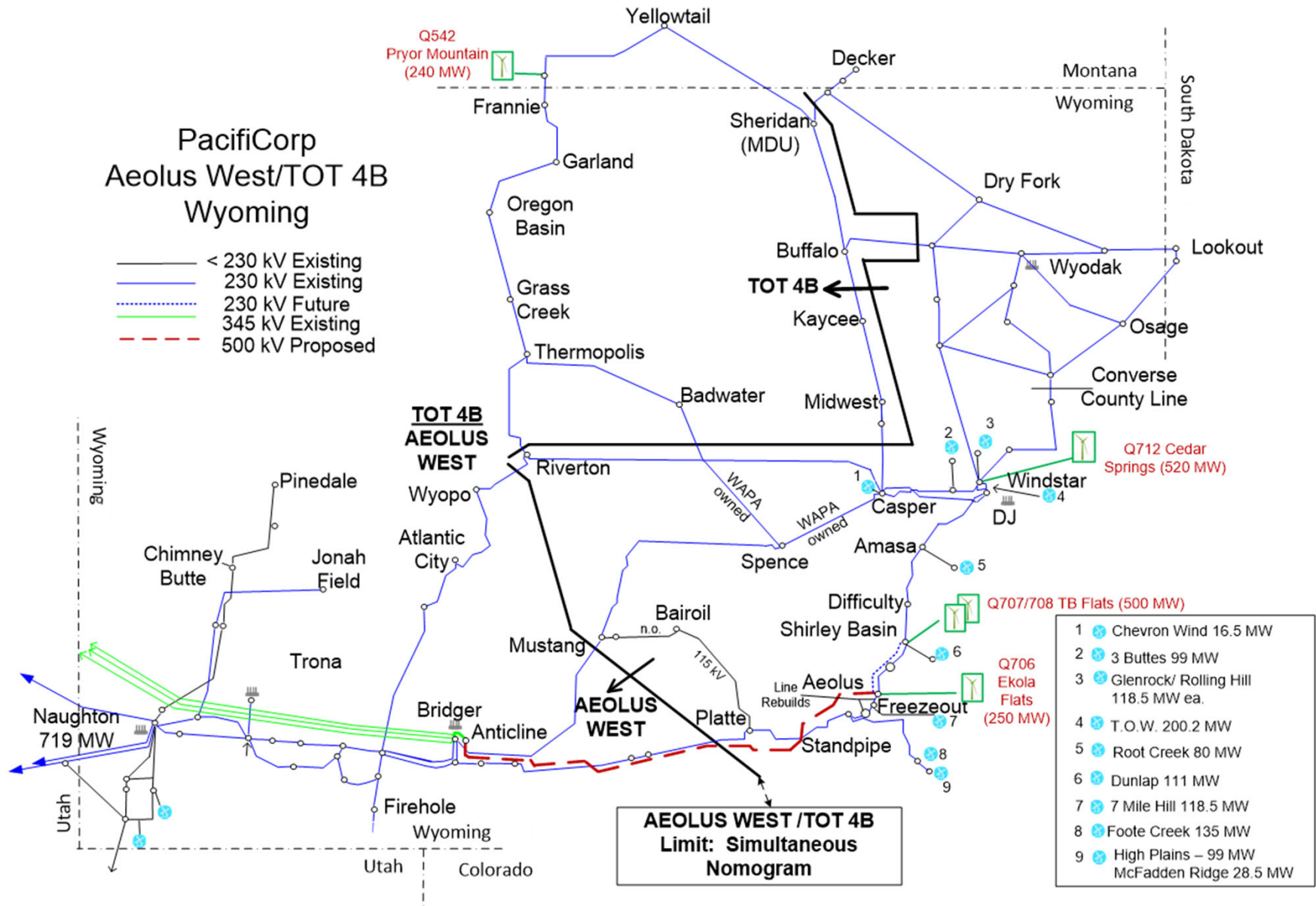


# 2017 IRP OPUC Acknowledgement Order



- 2017 IRP Acknowledgement Order, Order No. 18-138, docket LC 67, Appendix A:  
Provide quarterly updates to the Commission and Staff as development of the projects chosen in the 2017R RFP and the transmission projects proceed (through the date the projects go into service).

# Transmission/New Wind - Wyoming



# 2017R RFP Wind Projects Status Update



	TB Flats (PacifiCorp)	Ekola Flats (PacifiCorp)	Cedar Springs II (NextEra)
<b>Interconnection</b>	Shirley Basin POI; LGIA executed	Aeolus POI; LGIA executed	Windstar POI; A&R LGIA executed
<b>Safe Harbor Turbines</b>	Assigned and documented	Assigned and documented	Assigned and documented
<b>Site Control</b>	50,000 acres private/state leases acquired; gen-tie right-of-way acquired	17,000 acres private/state leases acquired; gen-tie right-of-way acquired	70,000 acres private leases acquired; gen-tie right-of-way acquired
<b>Permitting Status</b>	Permitting in process and on schedule; industrial siting and conditional use permits received	Permitting in process and on schedule; industrial siting and conditional use permits received	Permitting in process and on schedule; industrial siting and conditional use permits received
<b>Avian Data Collection / Permitting</b>	Underway (24 Months); agency consultation continues; eagle incidental take permit application submitted	Underway (24 Months); agency consultation continues; eagle incidental take permit application submitted	Underway (24 Months); agency consultation continues; eagle incidental take permit application submitted
<b>Contracts</b>	Balance of plant EPC contract executed in August 2018 with FNTF issued in April 2019	Balance of plant EPC contract executed in August 2018 with FNTF issued in April 2019	Build-transfer agreement and power purchase agreement executed on October 19, 2018
<b>Upcoming Milestones</b>	Commissioning of 104 wind turbines expected by February 28, 2021 (weather depending), with final 28 wind turbines expected to be erected and commissioned by June 30, 2021	Commissioning of all 63 wind turbines completed December 31, 2020	Build Transfer Agreement closed December 1, 2020, and the project COD was approved December 8, 2020
<b>Outreach / Community Engagement</b>	Maintaining Industrial Siting Permit Conditions	Maintaining Industrial Siting Permit Conditions	Maintaining Industrial Siting Permit Conditions

# Transmission Projects Status Update



	Aeolus to Bridger Transmission	Aeolus to Bridger Substation	230kV Network
<b>Construction</b>	The transmission line was placed in-service November 3, 2020	<p>Aeolus, Anticline and Jim Bridger Substations all fully complete and placed in-service November 3, 2020.</p> <p>Shunt Capacitors at Grass Creek and Hill Top all complete and placed in-service November 2020.</p> <p>RAS Modifications complete and placed in-service November 3, 2020.</p> <p>Latham STATCOM complete and placed in-service November 12, 2020</p> <p>Punchlist items at all sites are being completed.</p>	<p>230kV transmission line completion status:</p> <ul style="list-style-type: none"> <li>a) Shirley Basin – Aeolus #2: Completed, in-service September 3, 2020</li> <li>b) Freezeout – Standpipe: Completed, in-service October 13, 2020</li> <li>c) Aeolus – Freezeout: <b>Completed, in-service October 23, 2020</b></li> <li>d) Shirley Basin – Aeolus #1 line: <b>completed, in-service November 5, 2020</b></li> </ul> <p>Substation construction/modifications at all <b>locations complete and energized:</b></p> <ul style="list-style-type: none"> <li>a) Windstar: Complete</li> <li>b) Shirley Basin: Complete</li> <li>c) Freezeout: Complete</li> <li>d) Wind Farm Collector Substations: <b>Complete</b></li> </ul>
<b>Permitting Status</b>	All required permits acquired	All required permits acquired	All required permits acquired
<b>Upcoming Milestones</b>	Energized November 3, 2020	Energized November 3, 2020	Energized per notes above

# Transmission Planning Update



## Complete

- Final FAC-013-02 transfer capability assessment studies were completed and distributed to affected utilities (WAPA, Idaho Power, PSCO (Xcel Energy), Tri-State, Deseret Power, Black Hills and Basin Electric)
- RFP/eAuction process for the dynamic line rating (DLR) system to be added to the existing Dave Johnston – Amasa – Difficulty – Shirley Basin 230 kV line to maximize transmission line utilization during the varying wind conditions in eastern Wyoming has been completed and awarded to the low bidder
- The updated Bridger Remedial Action Schemes (RAS) was completed and placed in-service
  - The Aeolus RAS was completed and placed in-service
  - The Latham STATCOM was tested and placed in-service

## In-Process

- System Operating Limit (SOL) studies for the 2021 summer season are underway and will be completed by March 31, 2021
- Implementation of the Aeolus Area Voltage Control Scheme – utilizing wind farm dynamic reactive capabilities
- Implementation of the Dave Johnston – Amasa – Difficulty – Shirley Basin 230 kV line DLR system
  - Contract negotiations with Tri-State G&T to upgrade equipment at Difficulty ongoing