



825 NE Multnomah, Suite 2000  
Portland, Oregon 97232

April 14, 2022

***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**

In compliance with Order No. 18-138, PacifiCorp d/b/a Pacific Power submits for filing its quarterly update on the progress of the development of the new wind projects from the 2017R Request for Proposals and transmission projects. This filing includes the update for the first quarter of 2022. Updates since the fourth quarter 2021 update have been provided in redline.

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

Sincerely,

Shelley McCoy  
Director, Regulation

Enclosure

cc: Rose Anderson, OPUC Staff



# New Wind & Transmission Projects Quarterly Update

Public Utility Commission of Oregon  
First Quarter 2022



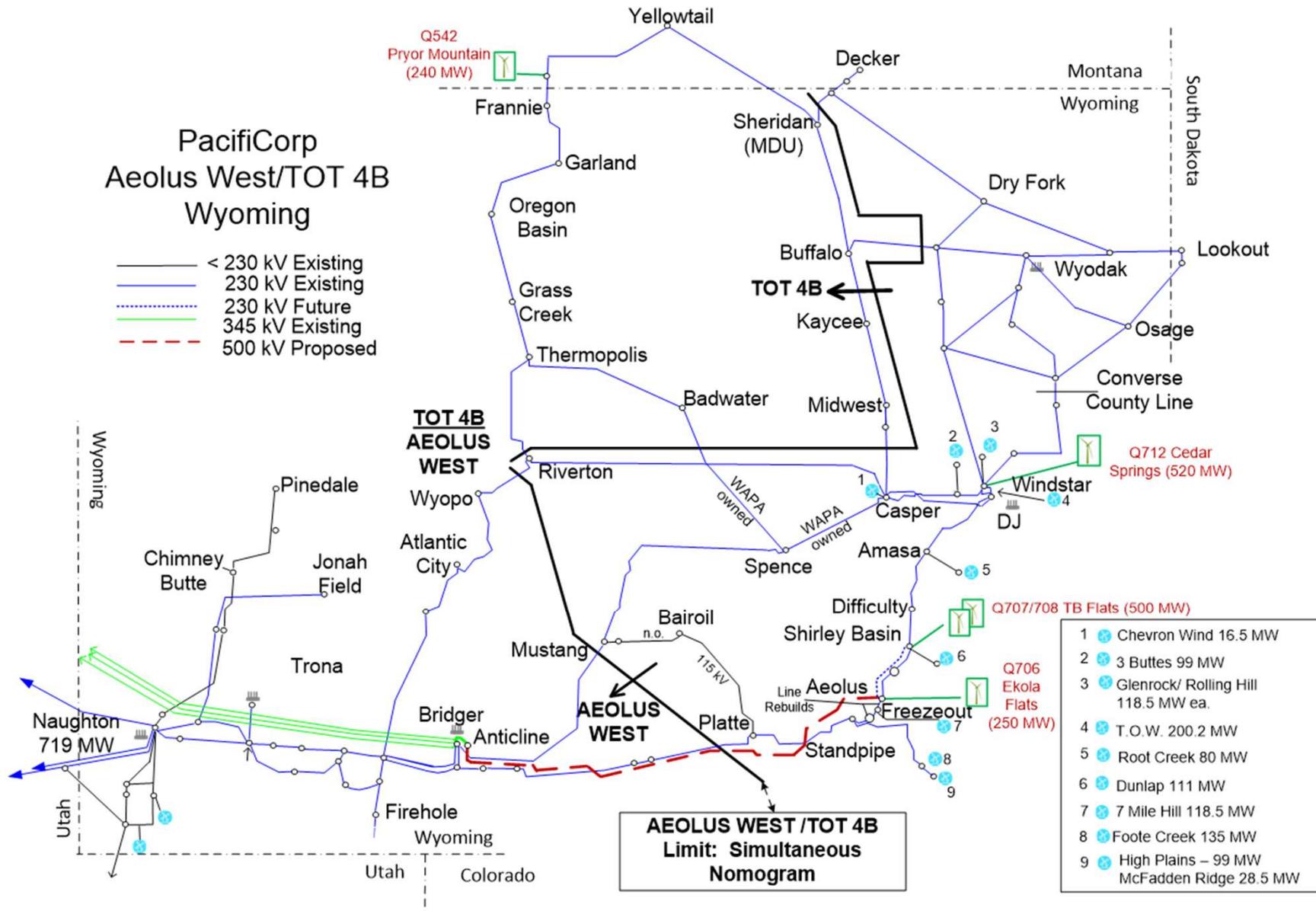
# 2017 IRP OPUC Acknowledgement Order



- 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

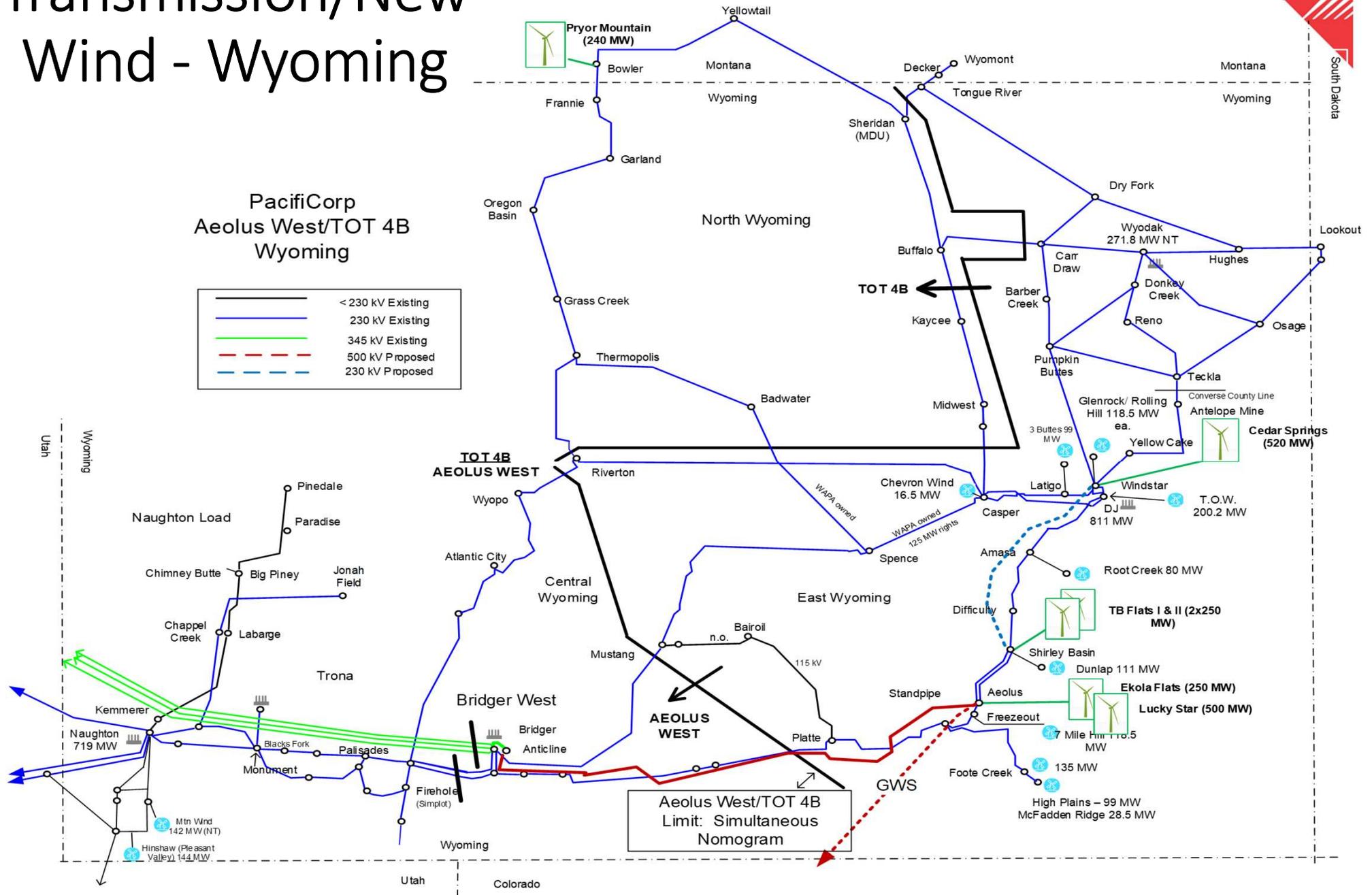


# Transmission/New Wind - Wyoming



## PacifiCorp Aeolus West/TOT 4B Wyoming

	< 230 kV Existing
	230 kV Existing
	345 kV Existing
	500 kV P Proposed
	230 kV P Proposed



# 2017R RFP Wind Projects Status Update



	TB Flats (PacifiCorp)	Ekola Flats (PacifiCorp)	Cedar Springs II (NextEra)
<b>Interconnection</b>	Shirley Basin POI; LGIA executed; LGIA COD TB I achieved August 9, 2021; LGIA COD TB II achieved October 19, 2021	Aeolus POI; LGIA executed; LGIA COD achieved April 1, 2021	Windstar POI; A&R LGIA executed; LGIA COD achieved April 1, 2021; Non-standard LGIA Amendment is pending
<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>	Industrial siting and conditional use permits received	Industrial siting and conditional use permits received	Industrial siting and conditional use permits received
<b>Avian Data Collection / Permitting</b>	Eagle incidental take permit application submitted	Eagle incidental take permit application submitted	Eagle incidental take permit application submitted
<b>Contracts</b>	Balance of plant agreement executed in August 2018 with FNTF issued in April 2019; Final Completion Certificates are pending	Balance of plant agreement executed in August 2018 with FNTF issued in April 2019 and Final Completion Certificate is pending; Turbine Supply Agreement Final Completion Certificate executed October 20, 2021	Build-transfer agreement and power purchase agreement executed on October 19, 2018; BTA transaction closed on December 1, 2020
<b>Upcoming Milestones</b>	Complete ADLS integration by <b>May 6, 2022</b>	<b>Completed ADLS integration with completion certificate pending</b>	Complete ADLS integration by <b>May 20, 2022</b>
<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>Final punchlist work <b>complete</b></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: Completed, in-service October 23, 2020</li> <li>d) Shirley Basin – Aeolus #1 line: completed, in-service November 5, 2020</li> </ul> <p>Substation construction/modifications at all locations complete and energized:</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: Complete</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
- The Aeolus Area Voltage Control Scheme utilizing wind farm dynamic reactive capabilities is operational
- System Operating Limit (SOL) studies for the 2021 summer season were completed and approved March 29, 2021

## In-Process

- 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