

January 18, 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

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 2021. Updates since the third 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

Shilly McCory

New Wind & Transmission Projects Quarterly Update

Public Utility Commission of Oregon Fourth Quarter 2021













2017 IRP OPUC Acknowledgement Order

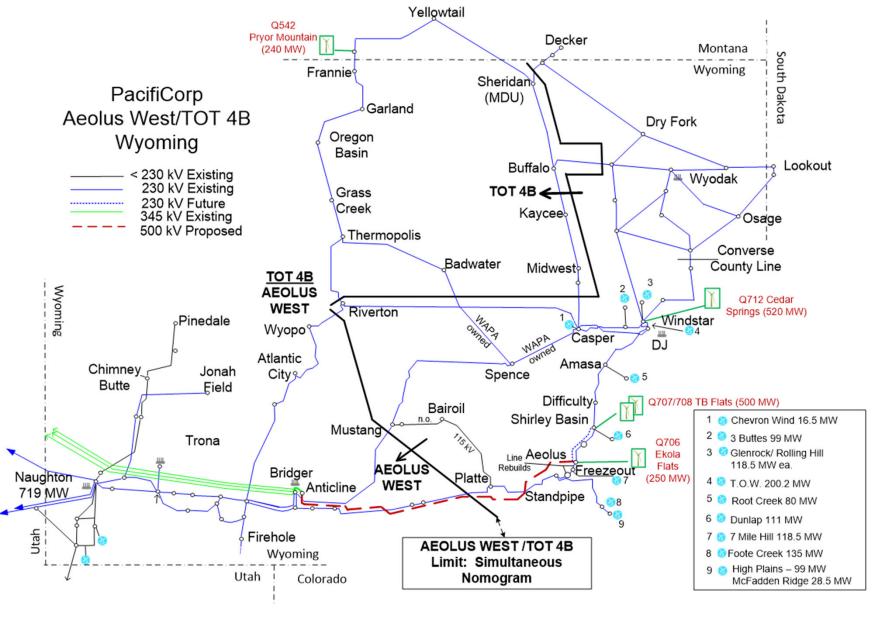


 2017 IRP Acknowledgement Order, Order No. 18-138, docket LC 67, Appendix A:

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





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Transmission/New Yellowtail ryor Mountain Wind - Wyoming (240 MW) Decker Wyomont Montana Montana Tongue River Wyoming Wyoming Frannie Sheridan (MDU) Garland Dry Fork PacifiCorp Oregon North Wyoming Aeolus West/TOT 4B Wyodak 271.8 MW NT Lookout Wyoming Buffalo Carr Hughes Draw Donkey TOT 4B ◀ Barber Grass Creek < 230 kV Existing Creek 230 kV Existing Reno Kaycee Osage 345 kV Existing 500 kV Proposed Thermopolis Pumpkin 230 kV Proposed Buttes Badwater Glenrock/ Rolling Midwest Hill 118.5 MW Antelope Mine Cedar Springs (520 MW) Yellow Cake **TOT 4B** AEOLUS WEST Riverton Chevron Wind Pinedale Latigo Windstar 16.5 MW Wyopo T.O.W. Casper 200.2 MW Naughton Load Paradise Amasa Atlantic City Spence Root Creek 80 MW Jonah Chimney Butte Big Piney Central Field Wyoming East Wyoming Difficulty TB Flats I & II (2x250 Chappel Bairoil Labarge n.o. Shirley Basin Mustang Trona Ekola Flats (250 MW) Aeolus Standpipe Bridger West Lucky Star (500 MW) **AEOLUS** Bridger Naughton 719 MW WEST Platte MW Anticline 135 MW **GWS** Aeolus West/TOT 4B High Plains - 99 MW (Simplot) McFadden Ridge 28.5 MW Limit: Simultaneous Mtn Wind Nomogram Wyoming Valley) 144 MW

Utah

Colorado

2017R RFP Wind Projects Status Update

	TB Flats (PacifiCorp)	Ekola Flats (PacifiCorp)	Cedar Springs II (NextEra)
Interconnection	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
Safe Harbor Turbines	Assigned and documented	Assigned and documented	Assigned and documented
Site Control	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
Permitting Status	Industrial siting and conditional use permits received	Industrial siting and conditional use permits received	Industrial siting and conditional use permits received
Avian Data Collection / Permitting	Eagle incidental take permit application submitted	Eagle incidental take permit application submitted	Eagle incidental take permit application submitted
Contracts	Balance of plant agreement executed in August 2018 with FNTP issued in April 2019; Final Completion Certificates are pending	Balance of plant agreement executed in August 2018 with FNTP 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
Upcoming Milestones	Complete ADLS integration by February 28, 2022	Complete ADLS integration by February 28, 2022	Complete ADLS integration by February 28, 2022
Outreach / Community Engagement	Maintaining Industrial Siting Permit Conditions	Maintaining Industrial Siting Permit Conditions	Maintaining Industrial Siting Permit Conditions

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Transmission Projects Status Update



	Aeolus to Bridger Transmission	Aeolus to Bridger Substation	230kV Network
Construction	The transmission line was placed in-service November 3, 2020	Aeolus, Anticline and Jim Bridger Substations all fully complete and placed in-service November 3, 2020. Shunt Capacitors at Grass Creek and Hill Top all complete and placed in-service November 2020. RAS Modifications complete and placed inservice November 3, 2020. Latham STATCOM complete and placed in-service November 12, 2020 Final punchlist work is nearing completion	 230kV transmission line completion status: a) Shirley Basin – Aeolus #2: Completed, inservice September 3, 2020 b) Freezeout – Standpipe: Completed, inservice October 13, 2020 c) Aeolus – Freezeout: Completed, inservice October 23, 2020 d) Shirley Basin – Aeolus #1 line: completed, inservice November 5, 2020 Substation construction/modifications at all locations complete and energized: a) Windstar: Complete b) Shirley Basin: Complete c) Freezeout: Complete d) Wind Farm Collector Substations: Complete
Permitting Status	All required permits acquired	All required permits acquired	All required permits acquired
Upcoming Milestones	Energized November 3, 2020	Energized November 3, 2020	Energized per notes above

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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