

January 7, 2019

VIA ELECTRONIC FILING

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

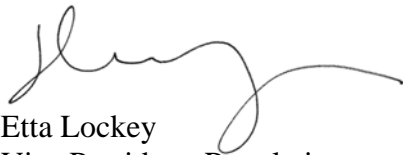
Attn: Filing Center

**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 both the third and fourth quarters of 2018. Updates from the second quarter report have been provided in redline.

Please direct any questions regarding this report to Natasha Siores, Manager, Regulatory Affairs, at (503) 813-6583.

Sincerely,



Etta Lockey
Vice President, Regulation

cc: Thomas Familia, OPUC Staff



New Wind & Transmission Projects Quarterly Update

Public Utility Commission of Oregon
Third and Fourth Quarters 2018



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).

2017R RFP Wind Project Locations

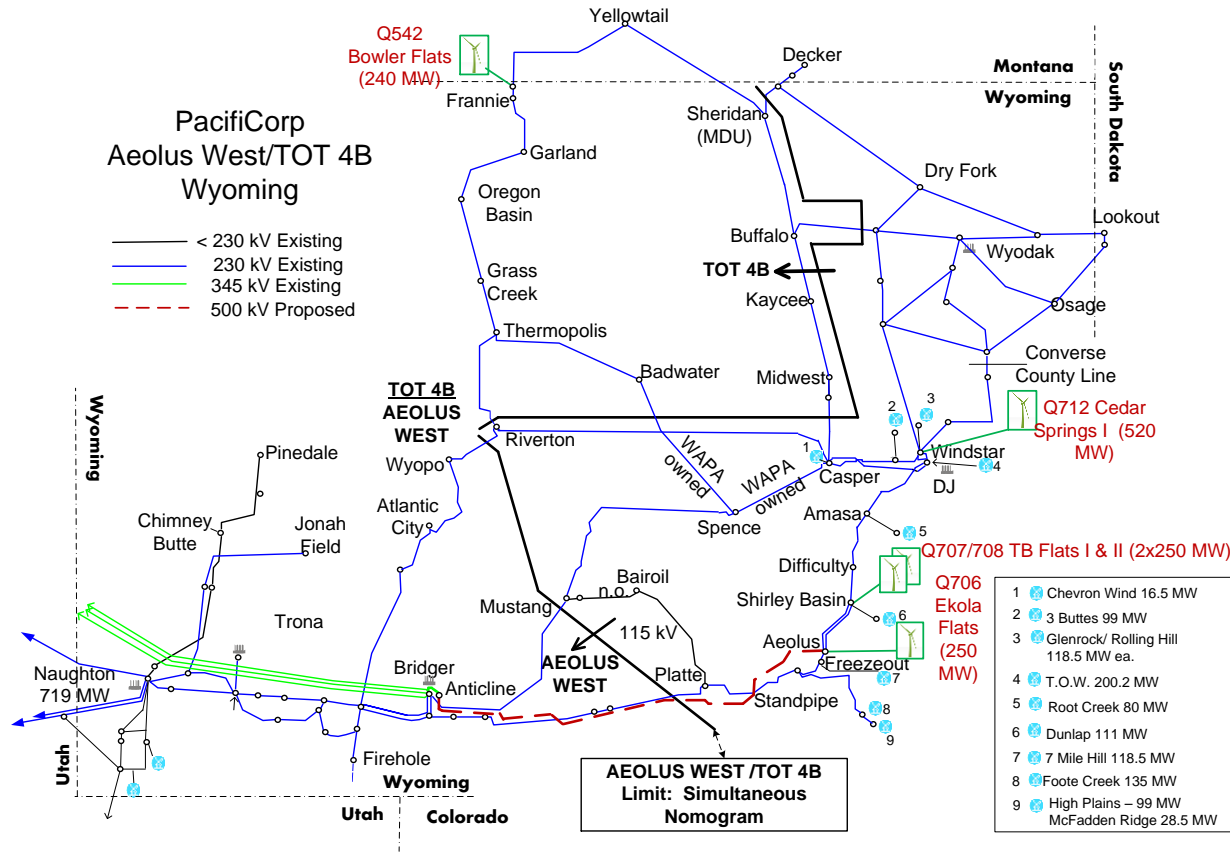


2017R RFP Wind Projects Status Update



	TB Flats I & II (PacifiCorp)	Ekola Flats (PacifiCorp)	Cedar Springs (NextEra)
Interconnection	Shirley Basin POI; SIS complete; LGIA in process	Aeolus POI; LGIA executed	Windstar POI; SIRS in progress toward December 2018 completion
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 in progress	17,000 acres private/state leases acquired; gen-tie right-of-way in progress	70,000 acres private leases acquired; gen-tie right-of-way in progress
Permitting Status	Permitting in process and on schedule; industrial siting and conditional use permits received	Permitting in process and on schedule; industrial siting and conditional use permit received	Permitting in process and on schedule; conditional use permit application filed December 2018 and industrial siting permit application to filed in Q1 2019
Avian Data Collection / Permitting	Underway (24 Months); agency consultation underway	Underway (24 Months); agency consultation underway	Underway (24 Months); agency consultation underway
Contracts	Balance of plant EPC contract executed in August 2018 with LNTP; TSA agreement execution ready January 2019 (following market refresh)	Balance of plant EPC contract executed in August 2018 with LNTP; TSA agreement execution ready January 2019 (following market refresh)	Build-transfer agreement and power purchase agreement executed on October 19, 2018
Upcoming Milestones	EPC full notice to proceed April 1, 2019	EPC full notice to proceed April 1, 2019	Submit ISC permit application March 25, 2019
Outreach / Community Engagement	Support Industrial Siting Permit Conditions	Support Industrial Siting Permit Conditions	Wyoming Infrastructure Authority Fall Meeting Sponsor

New Transmission/New Wind - Wyoming



~~New~~ Transmission Workscope Overview



Aeolus-to-Bridger/Anticline (Energy Gateway, Segment D2)

- New 140-mile, 500 kilovolt transmission line and new Aeolus and Anticline substations
- New 5-mile, 345 kilovolt Anticline-to-Jim Bridger line; including modifications at Jim Bridger substation
- New voltage control device at Latham substation

Network Upgrades

- New 16-mile, 230 kilovolt line from Shirley Basin to proposed Aeolus substation, with substation modifications (TB Flats I & II)
- Reconstruction of 16-mile, 230 kilovolt Shirley Basin-~~Freezeout~~-Aeolus line, with substation modifications (Cedar Springs)
- **Reconstruction of 4-mile, 230 kilovolt Aeolus-Freezeout line, with substation modifications (Cedar Springs)**
- Reconstruction of 12-mile, 230 kilovolt Freezeout-Standpipe-~~Aeolus~~ line, with substation modifications (Cedar Springs)
- **230 kilovolt Shunt Capacitor additions at Frannie, Grass Creek and Hill Top substations**

Transmission ~~Status~~ Update



Complete

- Detailed PSCAD modeling of wind facilities and new transmission
- Planning studies outlining requirements of the new Aeolus RAS and proposed modifications of Bridger (C/D) RAS
- SVC (**Latham device**) specification development, including PSCAD modeling

In-Process

- Design of the Aeolus Area Voltage Control Scheme – utilizing wind farm dynamic reactive capabilities
- Engineering review and design of Aeolus RAS and Bridger (C/D) RAS schemes
- Review of SVC proposals from multiple bidders
- Coordination between Transmission Planning and Grid Operations to assure a smooth operational transition from project pre-D.2 project to the post-D.2 project configuration

Future

- Approval of the Aeolus RAS and modifications to the Bridger (C/D) RAS by the WECC Remedial Action Scheme Reliability Subcommittee (RASRS)
- Aeolus West Path Rating:
 - Western Electricity Coordinating Council FAC-013-2 transfer capability assessment studies
 - Peak Reliability Coordinator (RC) System Operating Limit (SOL) studies

~~Wyoming Permitting Overview~~ Transmission Project Status Update



- National Environmental Policy Act
 - ~~Element of~~ Gateway West Segment D, Record of Decision November 2013
 - Plan of Development and Mitigations, currently in final development
- Certificate of Public Convenience and Necessity
 - Filed June 30, 2017
 - Bench Order approval issued April 12, 2018
 - Written Order issued October 8, 2018
- Conditional Use Permit (Carbon County)
 - Application submitted May 22, 2018
 - Board of County Commissioners approval September 4, 2018
- Wyoming Industrial Siting Permit
 - Application submitted July 30, 2018
 - Industrial Siting Council approval October 26, 2018
- ~~Anticipated~~ Aeolus to Bridger transmission line construction contract awarded November 2018
- Aeolus to Bridger substations construction contract awarded November 2018
- SVC (Latham Device) contract award anticipated February 2019
- Aeolus to Bridger construction to start April 1, 2019
- 230 kilovolt Shunt Capacitor procurement Q3 2019, construction 2020