

September 1, 2020

VIA ELECTRONIC FILING

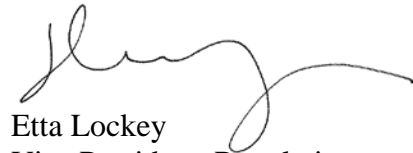
Public Utility Commission of Oregon
Attn: Filing Center
201 High Street SE, Suite 100
Salem, OR 97301-3398

**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 second quarter of 2020. Updates from the first 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,



Etta Lockey
Vice President, Regulation

cc: Rose Anderson, OPUC Staff



New Wind & Transmission Projects Quarterly Update

Public Utility Commission of Oregon
Second Quarter 2020

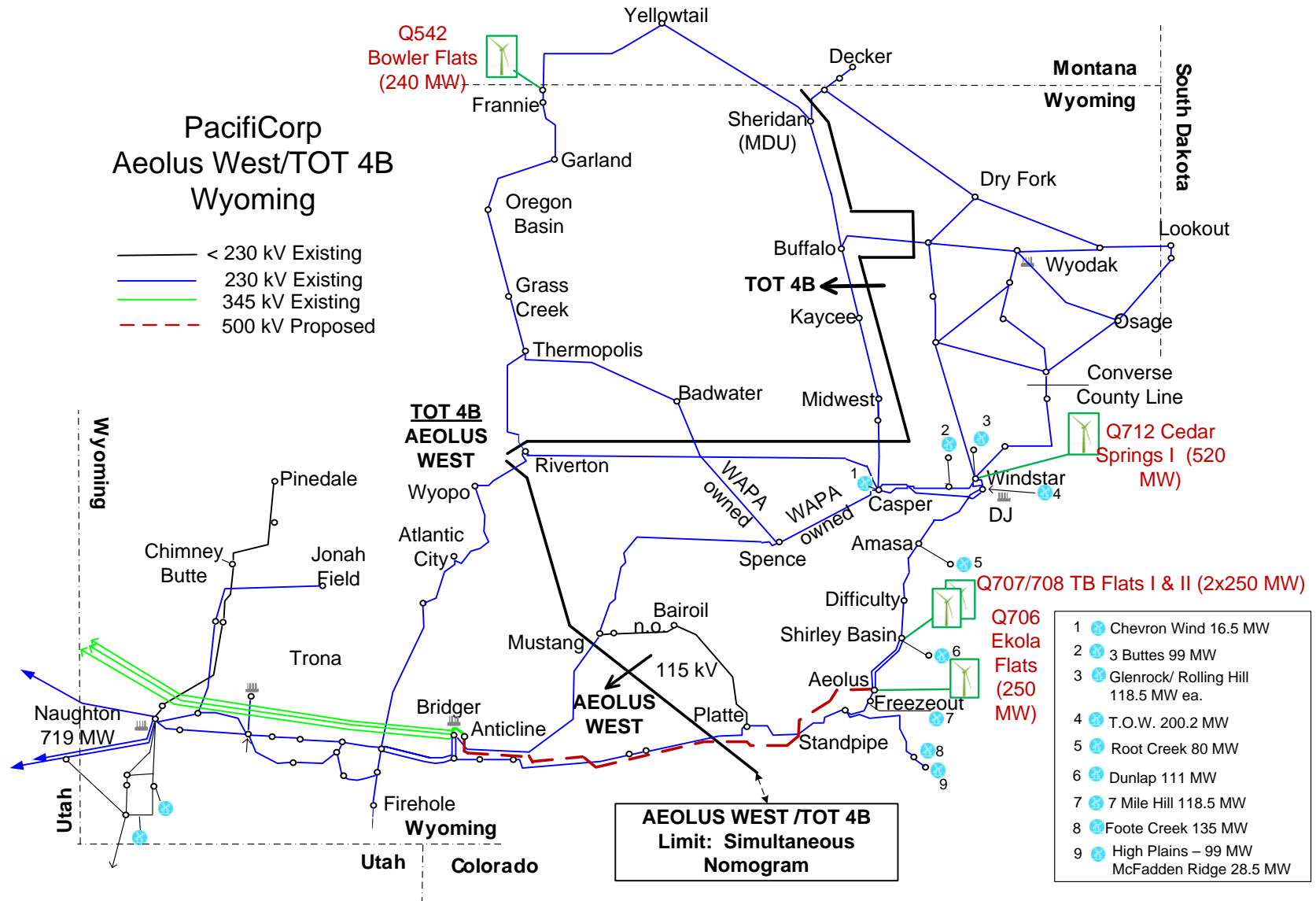


2017 IRP OPUC Acknowledgement Order



- 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 I & II (PacifiCorp)	Ekola Flats (PacifiCorp)	Cedar Springs (NextEra)
Interconnection	Shirley Basin POI; LGIA executed	Aeolus POI; LGIA executed	Windstar POI; A&R LGIA executed
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	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
Avian Data Collection / Permitting	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
Contracts	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
Upcoming Milestones	TB I O&M building SCADA room ready for testing in late-July 2020 Project is delayed due to late delivery of wind turbine components claim related to COVID-19	O&M building SCADA room ready for testing in August 2020 Project is delayed due to late delivery of wind turbine components claim related to COVID-19	Begin receiving WTG deliveries onsite for Cedar Springs II in August 2020 Project remains on schedule
Outreach / Community Engagement	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
Construction	<p>500kV and 345kV structure foundations 100% complete</p> <p>500kV and 345kV structure erection on track and 91% complete; structure erection activities resumed July 2020</p> <p>500kV and 345kV wire 56% complete</p>	<p>Construction/modifications to Aeolus, Anticline and Jim Bridger substations underway; cable and steel installation, bus work and equipment installation ongoing at all three sites:</p> <ul style="list-style-type: none"> a) Aeolus 230kV Yard; construction complete b) Jim Bridger 345kV; construction complete c) Aeolus and Anticline transformers all delivered to site. Aeolus transformers construction complete. Anticline transformers will be complete by end of July 2020. d) All reactors received on site and assembled e) 500kV yards remain on track for end of August 2020 construction completion <p>Latham Substation:</p> <ul style="list-style-type: none"> a) Substation expansion complete and in-service b) Installation of STATCOM device on track for end of July 2020 completion c) Transformers on site and complete <p>Other Sites:</p> <ul style="list-style-type: none"> a) Shunt capacitor additions at Hill Top and Grass Creek substations complete and pending energization <p>RAS modifications:</p> <ul style="list-style-type: none"> a) Construction ongoing for summer 2020 	<p>New transmission line construction underway, but schedule at risk due to winter weather and BLM winter range constraints. A contingency solution has been implemented to provide back-feed power to Ekola Flats by the required date. The scheduled project in-service date of October 31, 2020, is not impacted.</p> <ul style="list-style-type: none"> a) Shirley Basin – Aeolus substation (16 miles); Planned for late summer 2020, contingent upon Shirley Basin – Aeolus – Freezeout completion first b) Aeolus – Freezeout (4 miles) c) Freezeout – Standpipe (12 miles) <p>Substation construction/modifications at all locations are on track:</p> <ul style="list-style-type: none"> a) Windstar: Complete b) Shirley Basin: Underway c) Freezeout: Complete d) Wind Farm Collector Substations: Underway
Permitting Status	All required permits acquired	All required permits acquired	All required permits acquired
Upcoming Milestones	<p>Mechanical completion August 31, 2020</p> <p>At risk due to environmental constraints; overall project in-service date not at risk</p>	<p>Mechanical completion August 31, 2020</p> <p>On track</p>	<p>Mechanical completion August 31, 2020</p> <p>At risk due to BLM restrictions</p> <p>Contingency plan implemented</p>

Transmission Planning Update



Complete

- Initial and follow-on 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) and two follow-up meetings were held
- The need was identified for a 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
- Detailed designs for both the Bridger and Aeolus Remedial Action Schemes (RAS) were completed

In-Process

- Implementation of the Aeolus Area Voltage Control Scheme – utilizing wind farm dynamic reactive capabilities
- Coordination between Transmission Planning and Grid Operations continued to assure a smooth operational transition from project pre-D.2 project to the post-D.2 project configuration
- Address outstanding FAC-013-02 technical study questions raised by affected utilities
- System Operating Limit (SOL) studies for the 2020-2021 winter season are underway and will be submitted to the Rocky Mountain Operating Study Group (RMOSG) for review by mid-August, 2020. Upon approval, will be uploaded to the Reliability Coordinator West (California ISO) website by September 1, 2020.
- RFP/eAuction process is underway for adding a DLR system on the existing Dave Johnston – Amasa – Difficulty – Shirley Basin 230 kV line
- Modifications to the Bridger RAS will be tested and commissioned

Future

- Complete the implementation of the Dave Johnston – Amasa – Difficulty – Shirley Basin 230 kV line DLR system in 4Q2020
- Complete the Aeolus RAS testing and commissioning in 4Q2020