Energy Vision 2020 Overview & Economics

• April 4, 2017, Rocky Mountain Power announced a $3.5 billion wind and transmission investment in Wyoming
  - Repowering of 905 MW (648 MW in WY) of existing wind ($1B)
  - 1,100 MW of new wind ($1.8B)
  - 140-mile transmission project to connect new wind ($700M)
• Creates between 1,200-1,600 construction jobs in Wyoming & approximately 215 full-time positions
• Adds $115 million in tax revenue through construction and another $11 million annually in tax revenue starting in 2021, growing to approximately $14 million annually in 2024
• All federal tax credits will flow back to our customers
• Net result is a cost savings for Rocky Mountain Power customers
Powering is the upgrade of an existing wind facility with new wind-turbine-generator (WTG) equipment that can increase the facility’s output.

- Replace the nacelle and rotor (hub and blades) of the WTG.
  - Total anticipated project cost of $1.13 billion

- Repowered facilities in Wyoming:
  - Glenrock I & III, Rolling Hills, Seven Mile Hill I & II, High Plains, McFadden Ridge, and Dunlap
The Wind Projects

• The CPCN application includes 860 MW of new resources, which will be included as benchmark resources in the 2017R Request for Proposals (RFP):
  - 250 MW Ekola Flats facility
  - 250 MW TB Flats I facility
  - 250 MW TB Flats II facility
  - 110 MW McFadden Ridge II facility

• If other resources are selected by the 2017R RFP, they will be equal to or better than the benchmark Wind Projects.

• The Company filed for approval of the 2017R RFP with Oregon and Utah commissions, as required, and intends to issue the RFP later this month.
  - Bids due in October, 2017.
  - Shortlist evaluation to be completed in January, 2018.
  - Commission acknowledgement/order expected April, 2018.
The Transmission Projects

• The Transmission Projects include six major elements:

  A. The 140-mile Aeolus-to-Anticline 500 kV line, which includes the construction of the new Aeolus and Anticline substations;

  B. The five-mile Anticline-to-Jim Bridger 345 kV line, with modifications at the Jim Bridger substation;

  C. A voltage control device at the Latham substation;

  D. A new 16-mile 230 kV line from Shirley Basin to the proposed Aeolus substation, with modifications at the Shirley Basin substation;

  E. The reconstruction of four miles of an existing 230 kV transmission line between the proposed Aeolus substation and the existing Freezeout substation, with modifications at the Freezeout substation; and

  F. The reconstruction of 14 miles of an existing 230 kV transmission line between the Freezeout and Standpipe substations, with modifications at each.

• Items A-C above are referred to below as the “Aeolus-to-Bridger/Anticline Line,” and items D-F are referred to as the “230 kV Network Upgrades.”
Energy Vision 2020 Customer Benefits

- The Transmission Projects will provide a range of benefits, including:
  - Relieving congestion in eastern Wyoming, increasing transfer capability by 750 MW, and allowing up to 1,270 MW of new wind resources
  - Providing critical voltage support to the transmission system in southeastern Wyoming, allowing the addition of new resources
  - Increasing reliability, reducing capacity and energy losses, and providing flexibility in the management of existing resources, including coal

- The Wind Projects add significant new zero-fuel-cost generation to the system, lowering Net Power Costs and contributing 10 years of PTC value, which will be passed directly to customers
  - The Wind Projects also support the development of the much-needed Transmission Projects
Questions?

Thank You