



Presentation to WECC Studies  
Subcommittee (StS)  
Aeolus West / TOT 4A

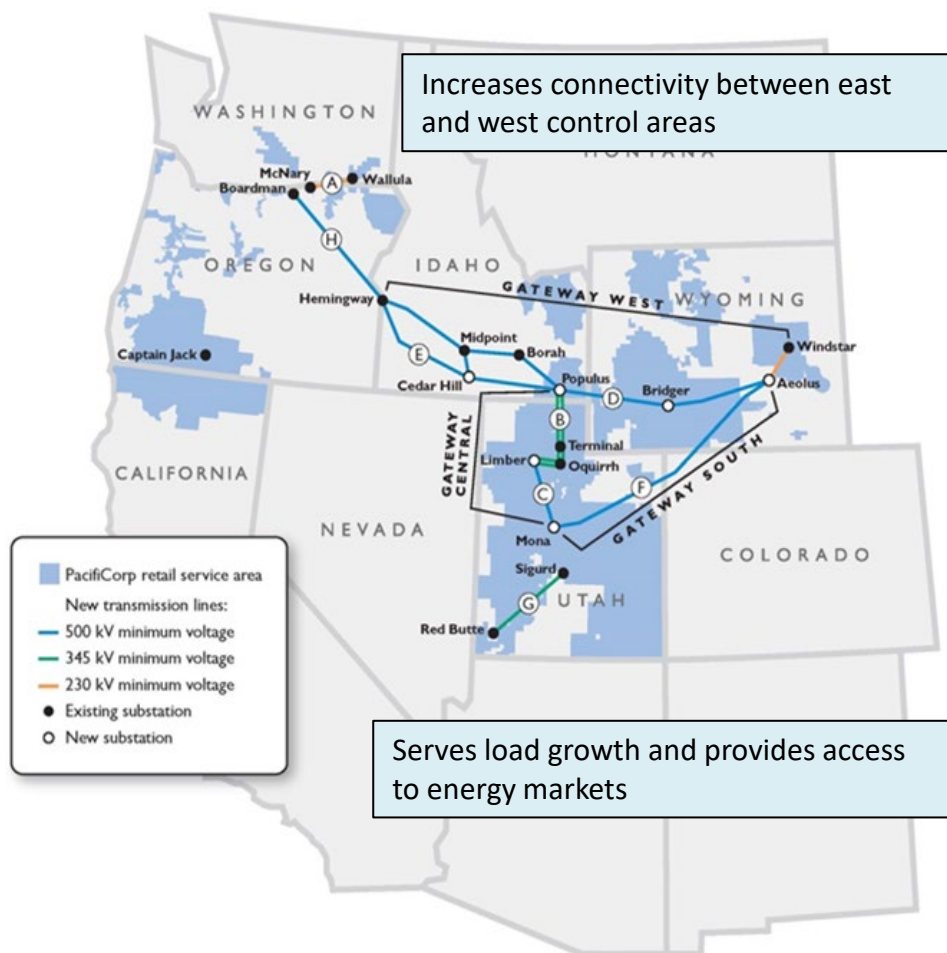
Robyn Kara  
Transmission Planning Manager

February 24, 2021

# Energy Gateway Stage 1 WECC Path Rating Process



- Energy Gateway Phase 1 Status Achieved – November 2008
- Gateway West Phase 2 Status Achieved – February 2009
- Gateway West - TOT 4A Phase 3 Achieved – December 2010
- Gateway West – Aeolus West, Bridger/Anticline West and Path C Phase 3 Status Achieved - January 2011
- Gateway West - Aeolus West Phase 3 completed December 2020
- Gateway West - TOT 4A completion expected December 2024



# Gateway West, Segment D, Sub Segment D.2

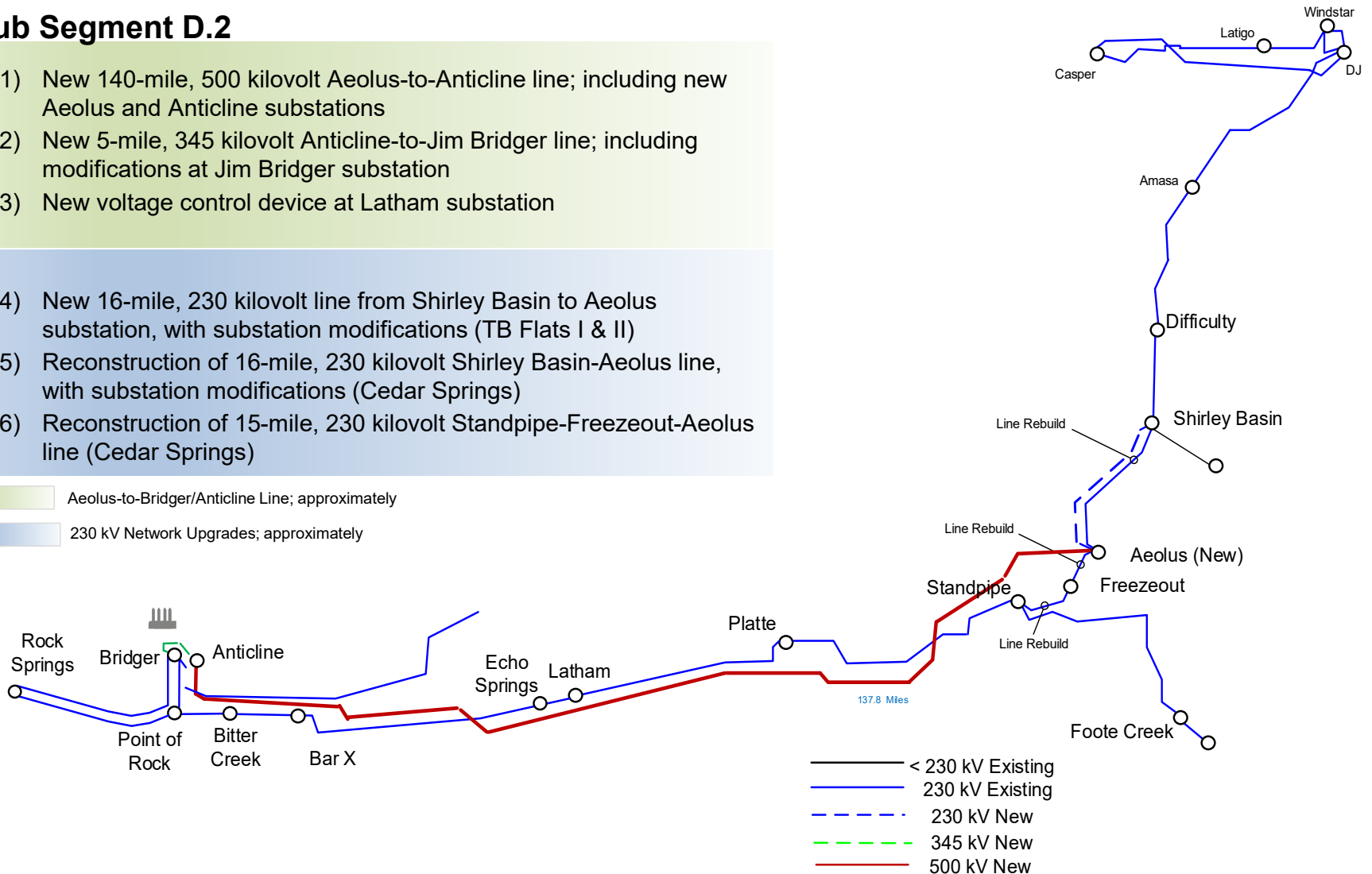


## Sub Segment D.2

- 1) New 140-mile, 500 kilovolt Aeolus-to-Anticline line; including new Aeolus and Anticline substations
  - 2) New 5-mile, 345 kilovolt Anticline-to-Jim Bridger line; including modifications at Jim Bridger substation
  - 3) New voltage control device at Latham substation
- 4) New 16-mile, 230 kilovolt line from Shirley Basin to Aeolus substation, with substation modifications (TB Flats I & II)
  - 5) Reconstruction of 16-mile, 230 kilovolt Shirley Basin-Aeolus line, with substation modifications (Cedar Springs)
  - 6) Reconstruction of 15-mile, 230 kilovolt Standpipe-Freezeout-Aeolus line (Cedar Springs)

Aeolus-to-Bridger/Anticline Line; approximately

230 kV Network Upgrades; approximately



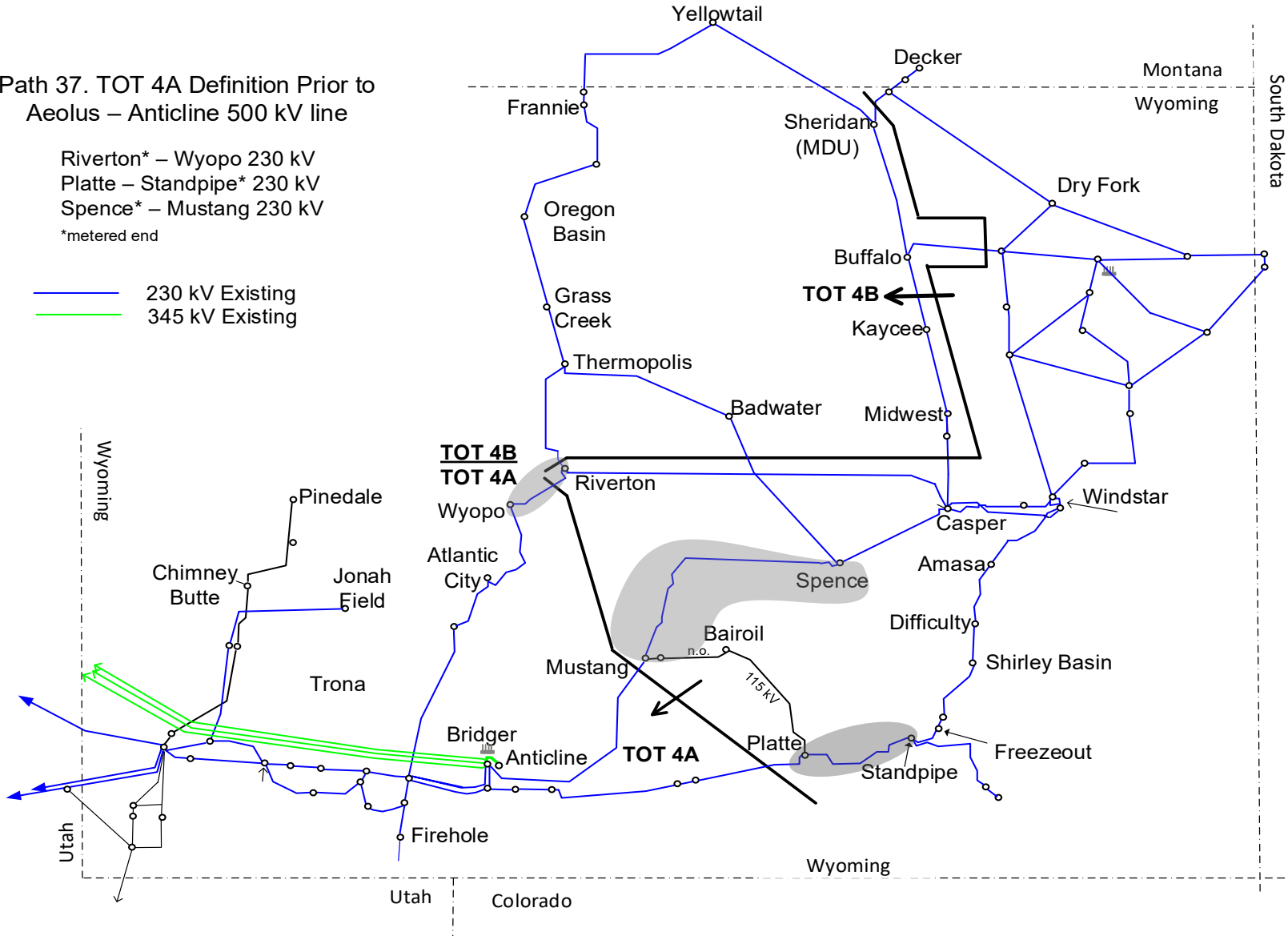
# TOT 4A (Prior to Gateway West D.2)



Path 37. TOT 4A Definition Prior to Aeolus – Anticline 500 kV line

Riverton\* – Wyopo 230 kV  
 Platte – Standpipe\* 230 kV  
 Spence\* – Mustang 230 kV  
 \*metered end

— 230 kV Existing  
 — 345 kV Existing

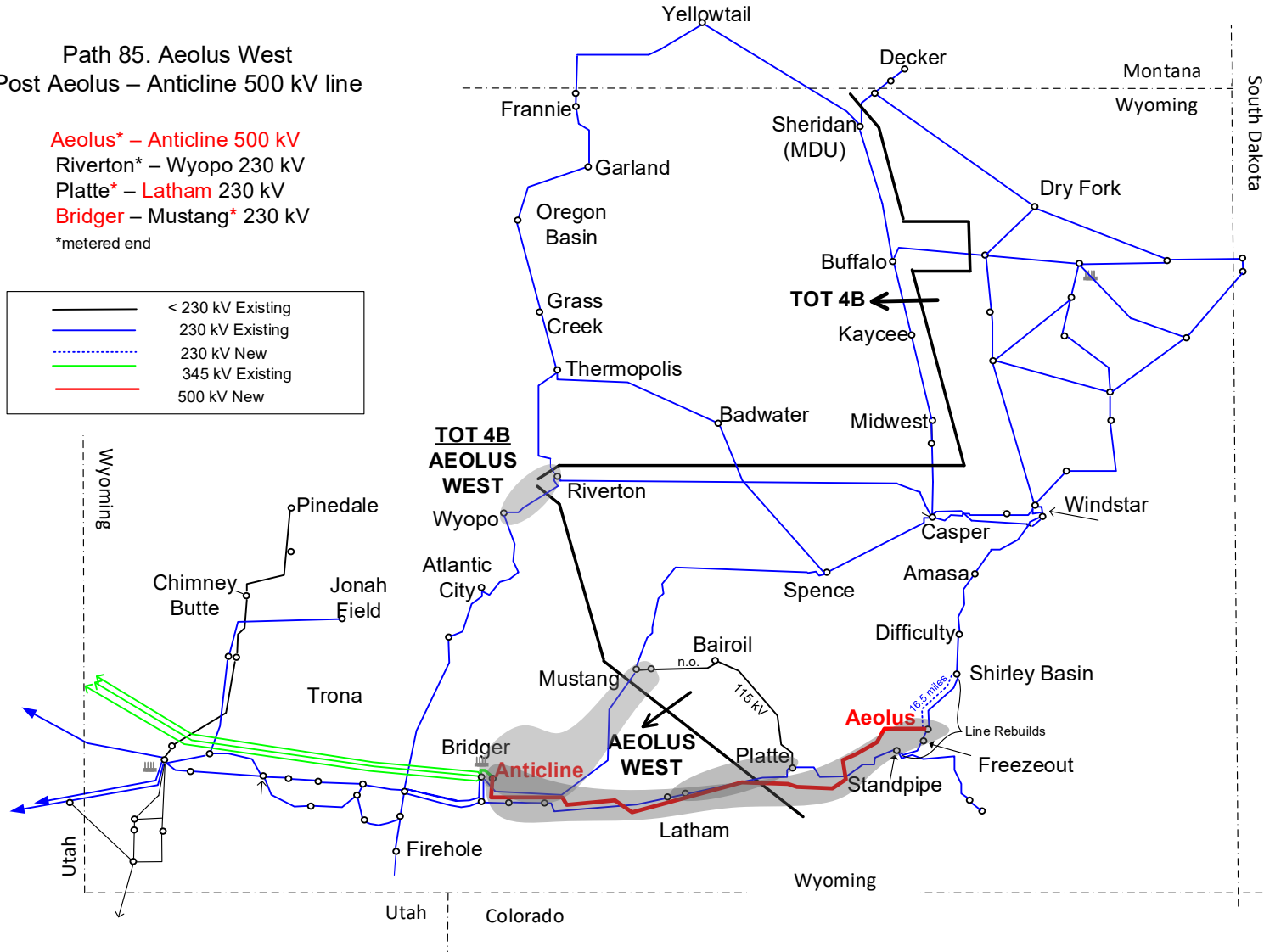
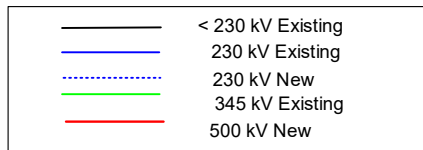


# Aeolus West



Path 85. Aeolus West  
Post Aeolus – Anticline 500 kV line

**Aeolus\*** – Anticline 500 kV  
**Riverton\*** – Wyopo 230 kV  
**Platte\*** – Latham 230 kV  
**Bridger** – Mustang\* 230 kV  
 \*metered end



# III-5. TOT 4A (Post-Gateway)

