WAPA Update

Montana Electric Cooperatives’ Association
Annual Summer Meeting
June 10, 2021 | Virtual

Lori Frisk
Vice President of Power Marketing
Upper Great Plains Region
Western Area Power Administration
New DOE Secretary

Jennifer M. Granholm
Tracking Changes from D.C.

• Active discussions during Biden transition and continuing with new DOE, DOI Leadership

• Congressional oversight and appropriations leadership: introductory briefings w/ members and staff underway

• All GOV focus on infrastructure: in development

• Renewed focus on TIP

• Wildfire Resilient Power Grid Act of 2020
• Keystone XL permit rescinded
• Bulk-Power System Executive Order
  • authorizes the U.S. Secretary of Energy to secure America’s bulk-power system from foreign adversaries
• No movement for PMAs (yet)
Personnel updates

- CEO Mark Gabriel – retired March 13
- Acting Administrator and CEO Tracey LeBeau
- Acting Senior VP and UGP Regional Manager Lloyd Linke starts 6/13
- Acting Senior VP and RM Regional Manager Tim Vigil
- Acting Senior VP and DSW Regional Manager Jack Murray
- Acting Senior VP and CRSP Manager Rodney Bailey
Vision while interim administrator

- Committed to mission & safety
- Markets remain priority to stay on pace
- Collaborative with customers and new Administration
- Pausing Strategic Roadmap refresh
- Moving on leadership vacancies
- Readiness for weather or other external events
- Remain vigilant and on track with COVID-19 response and planning
Other priorities

• Resilience
• Workload Management
• Responsible Workplace Re-entry
• Data as a Strategy
• Standardized Budgeting and Reporting Initiative
• Hydropower MOU

2018 Carr Fire “firenado” damage

2020 permanent structure install at Carr Fire site
Coronavirus response

• Stabilizing conditions and moving closer to new normal
• End of mask mandate on federal property
• Maximum Telework
• Mission Critical Travel Only
• Evaluating re-entry and post-pandemic workplace
Markets update

- WEIS implementation completed Feb. 1.
- SN EIM go-live completed March 25.
- DSW study results expected this spring.
  - Public process begins
- CAISO EIM governance review
- Continuing discussions on SPP RTO expansion into the West.

BA boundaries are approximate and for illustrative purposes only.
Winter Storm Uri / Polar Vortex

SPP REGION IN COLDEST PART OF U.S.

Lowest temperatures forecast for Feb. 14-16, 2021

- SPP service territory/balancing authority
- Temperatures below 0°F
- Between 0° and 32°F
- Above 32°F

* Locations of ISOs/RTOs are approximate
Polar Vortex Generation Deficiency

- Texas generation went offline due to cold temperatures and units were not winterized.
- Oklahoma rain/snow and cold temperatures caused icing on the wind turbines.
- Midwest wind speeds were less than 2 mph resulting in turbines not operating.
- Numerous plant outages across the 14-state footprint.
SPP Hourly Energy Prices

2020 Average
Day-ahead $17.69
Real-time $16.62

LMP ($/MWh)

0 6 12 18 0 6 12 18 0 6 12 18 0 6 12 18 0 6 12 18 0 6 12 18 0 6 12 18 0 6 12 18 0 6 12 18
Feb 11 Feb 12 Feb 13 Feb 14 Feb 15 Feb 16 Feb 17 Feb 18 Feb 19 Feb 20

Day-ahead reprice #1
Real-time average LMP
Drought Update

U.S. Seasonal Drought Outlook
Drought Tendency During the Valid Period
Valid for April 15 - July 31, 2021
Released April 15

https://www.cpc.ncep.noaa.gov/
Mainstem System Generation
Million Megawatt Hours

June 1, 2021 Forecast

Upper Basic: 8.8
Lower Basic: 8.9
Questions?
Contact/follow me

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