



Iowa Utilities Commission

Federal & Regional Update

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Federal Energy Regulatory Commission (FERC)

FERC is a federal agency that operates within the U.S. Department of Energy but maintains its independence.

FERC:

- Regulates Interstate Energy Transmission
- Licenses Hydropower Projects
- Approves Interstate Energy Infrastructure Projects
- Ensures Electricity Grid Reliability

Regional Transmission Organizations (RTOs)

- Regulated by FERC, not the IUC
- Functions:
 - Operate the electricity transmission system across multi-state regions - managing flow of electricity and maintaining system reliability
 - Transmission system planning (transmission projects, impact studies)
- Two RTOs in the Iowa footprint
 - Midcontinent Independent System Operator (MISO)
 - Southwest Power Pool (SPP)

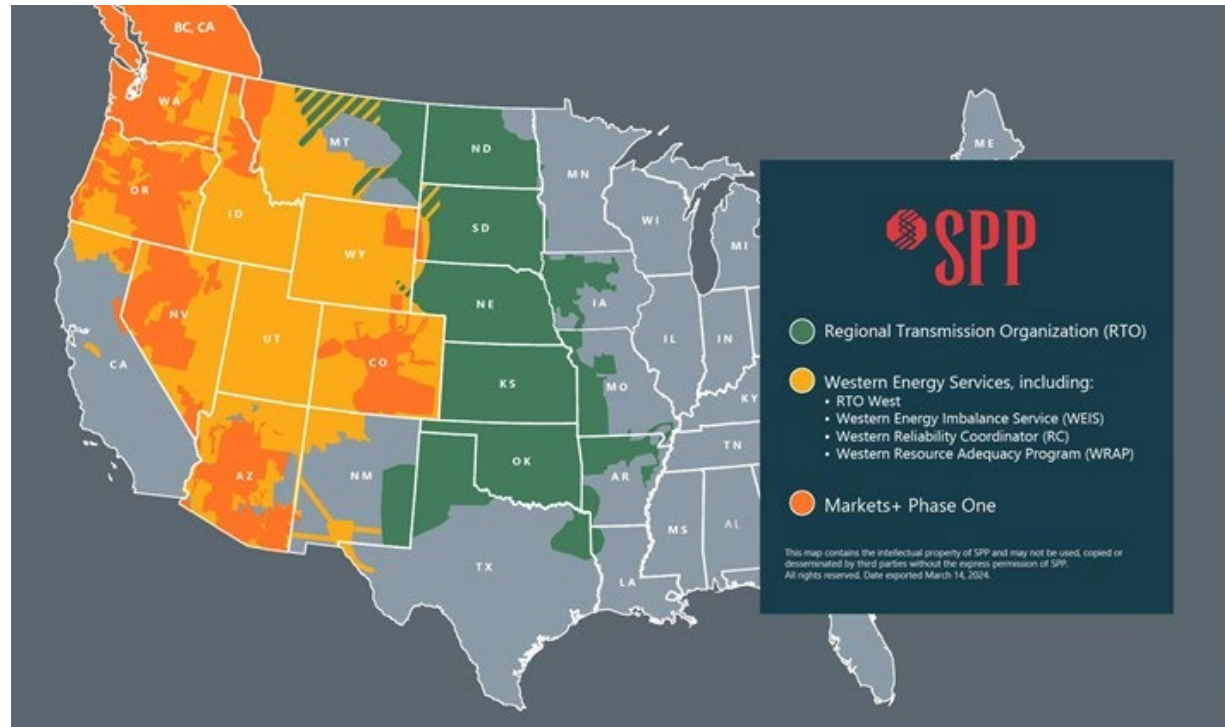
Midcontinent Independent System Operator (MISO)

- MISO stats
 - Area served: 15 states and Manitoba
 - Population served: 45 million
 - Transmission lines: 77,000 miles
 - Members: 56 transmission owners; 173 non-transmission owners
 - Market participants: > 550
- Committees and work groups (meetings open to public)
 - **Advisory**, Market, **Planning Advisory**, Resource Adequacy, Distributed Energy Resources, Interconnection Process, **Regional Expansion Criteria & Benefits**, and others
- Chair Martz is Iowa's representative on the Organization of MISO States (OMS) Board of Directors



Southwest Power Pool (SPP)

- SPP operates in 14 states, and will add Wyoming, Colorado, Utah and Arizona this year.
- In Iowa, SPP serves:
 - 100 utilities
 - 60,000 households
 - 9,000 businesses
 - 5,000 industrial
- In 2027, SPP will open a Day Ahead Market for the rest of the West.
- Commissioner Byrnes is the Iowa representative on the Regional State Committee (RSC).



Current Issues

- Department of Energy (DOE)/Federal Energy Regulatory Commission (FERC)
- Midcontinent Independent System Operator (MISO)/Organization of MISO States (OMS)
- Southwest Power Pool (SPP)/Regional States Committee (RSC)
- Other - North American Electric Reliability Corp. (NERC), other
- Questions/Discussion