



Iowa Utilities Commission

Federal & Regional Update

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Federal Energy Regulatory Commission (FERC)

FERC is an independent U.S. government agency that operates within the Department of Energy but maintains its independence. FERC:

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

Regional Transmission Organization (RTO)

- Regulated by FERC, not the IUC
- Functions
 - Manage electricity transmission across multi-state regions; this is considered interstate commerce under, hence the regulation at the federal level
 - Operate the transmission system, managing flow of electricity and maintaining reliability
 - Transmission system planning (transmission projects, impact studies)
- Two RTOs in the Iowa footprint
 - Midcontinent Independent System Operator (MISO)
 - Southwest Power Pool (SPP)
- In layman's terms: an RTO manages a part of the national power grid

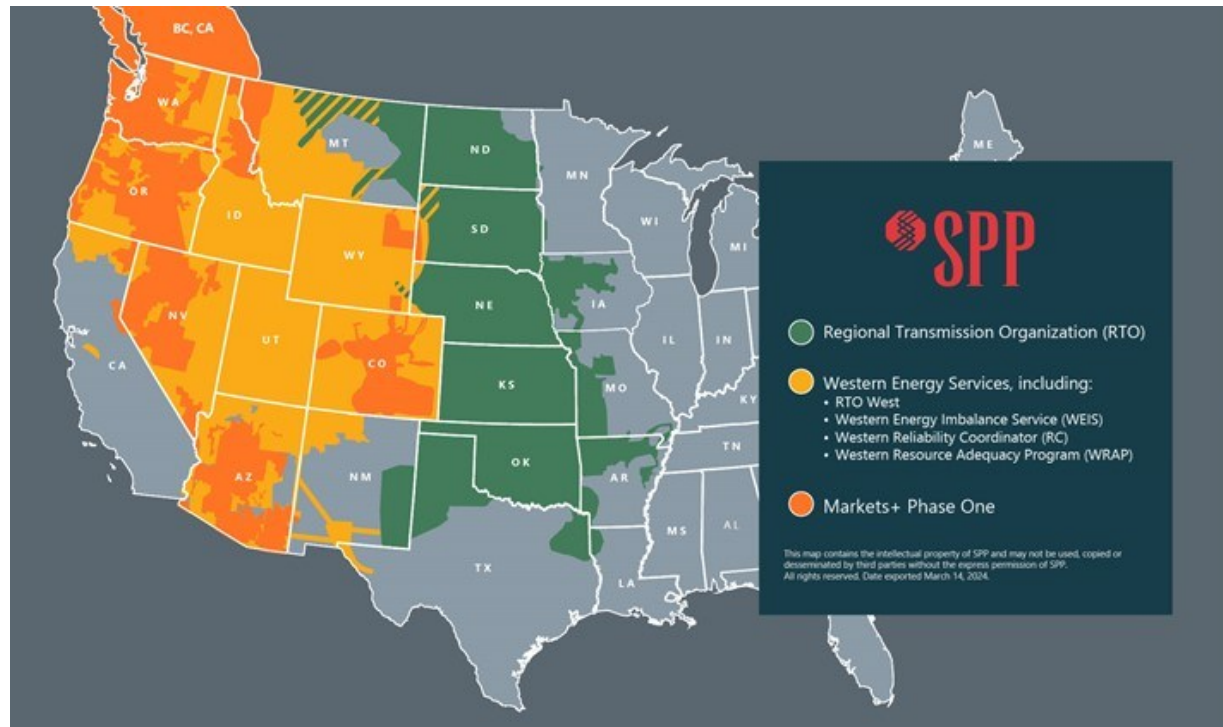
Midcontinent Independent System Operator (MISO)

- **Facts**
 - **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 next 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 Updates

- Federal Energy Regulatory Commission (FERC)
- Midcontinent Independent System Operator (MISO)
- Southwest Power Pool (SPP)
- Other - Department of Energy (DOE), North American Energy Reliability Corporation (NERC), other
- Questions/Discussion