



# SIR170 SCRIPT T8. INTERREGIONAL MARKET DESIGN

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the lights on... today and in the future.*



SouthwestPowerPool



SPPorg



southwest-power-pool

# SIR170 SCRIPT T8. INTERREGIONAL MARKET DESIGN

- **Purpose:**

- Planning improvements for interregional transfers. SPP should evaluate the benefits of improved interregional market design, including mechanisms for energy portability and co-optimized markets.
  - Developing a mechanism to allow for energy portability
  - Developing a single, co-optimized SPP and MISO day-ahead market
  - Developing a Co-optimized SPP and neighboring market real-time market dispatch

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- **Potential Benefit:**

- A market design that allowed a resource to be offered into multiple markets simultaneously – supplying capacity or energy where it is most needed – could increase interregional transfers.
- A market design that allowed a resource to be offered into multiple markets simultaneously – supplying capacity or energy where it is most needed – could increase interregional transfers. To successfully implement such a proposal, significant concerns about the responsibility of Balancing Authorities to balance generation and load would need to be addressed.
- A single, co-optimized day-ahead market for SPP and MISO would result in the most optimal reliability and economic commitment of resources across multiple regions to serve load bid into the aggregate of the SPP and MISO day-ahead markets.
- A co-optimized real-time market dispatch for SPP and neighboring markets would result in the most optimal reliability and economic dispatch of resources across multiple regions, including MISO and/or across Interconnections through DC ties, to serve aggregate real-time load.

- **Alignment with existing SIR**

- None

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- **Potential Impact/Cost**

- Potential System / Process Impacts

- Tariff, Protocols, Registration, EMS, MCE, MDB, Settlements, MOI, UI/API, MMU

- Potential MCE Performance Impact: High, Medium, Low

- High

- Potential Complexity: High, Medium, Low

- Design: High

- Implementation: High

- Potential Risk

- Determining cost allocation will require significant time and coordination