



# SIR45 MCR LOGIC EXPANSION (OPPD)

OPPD

MARCH 18, 2020

*Helping our members work together to keep  
the lights on... today and in the future.*



SouthwestPowerPool



SPPorg



southwest-power-pool

# SIR45 MCR LOGIC-OMAHA PUBLIC POWER DISTRICT

- Issue Description: Purpose – What will your initiative do for SPP’s Market
  - Expand MCR logic to include units beyond combined cycle units
- Potential Benefit: How is SPP’s market improved by implementing your initiative
  - SPP will have access to increased capacity during critical times.
  - SPP will be able to have coal units reach new minimums during high renewable periods.
- Potential System Impacts
  - API/MUI, CMT, DA, MCE, MDB, MOI, OCC,
- Potential MCE Performance Impact
  - High

# SIR45 MCR LOGIC-OMAHA PUBLIC POWER DISTRICT

- Potential Complexity
  - Design: Low
  - Implementation: Low
- Potential Risk (OPPD Assessment)
  - Potential increase in solve times
  - Self commit limitation in current state needs to be addressed
- Market Philosophy Impacts: Price Formation, Price Convergence, Market Efficiency, Market Transparency, Market Reliability
  - Market Efficiency
- Example/Research/Analysis Information (OPPD Assessment)
  - SPP completed earlier research