

Combined Cycle Model Update

Operating Committee September 4, 2014

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SPP Experience with the CC Model

- Prototype in production
 - Current completion estimate \$7M (on hold for cost benefit)
- Performance issue with Market Clearing Engine (MCE)
 - Day ahead must post within 5 hours
 - Intra-Day Reliability Unit Commitment every 4 hours
- Limitations
 - Maximum of three configurations (2 X 1 with duct burners)
 - No clearing for regulation during transitions
 - No configuration changes with real time commitment
- Other issues
 - Minimum run time reset on downward transitions