



Generation Dispatch: Reliability Impacts During Generation/Load Balance

Kevin Hatch
Shift Supervisor, Dispatch
MIC Special Session
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- Generation to load
 - Balance complexity
 - Regulation performance
 - Forecast data
 - Storms
 - Wind speeds
 - Cloud coverage
 - PJM frequency bias
 - Impact of external unit losses
 - ACE control – over/under generation imbalance in external Balancing Authorities

- Units Following PJM Dispatch:
 - Unit losses
 - ramp back / issues
 - Units ramping
 - Mill points, duct burners, hydro unit elevations/flows
 - Generators following dispatch signal
 - Units starting up
 - Units shutting down
 - Impact of units not following PJM Dispatch
 - Self-scheduled resources

- Constraint volatility
 - Internal congestion control
 - External congestion control
 - M2M Coordination
 - PAR Coordination
 - Non-Market Coordination
- Interchange volatility
 - Economic transfers
 - TLRs