5 minute settlements compliance filing and associated operational process

DRS Meeting
March 27, 2018
• CSP may elect to use 5 minute load data for energy settlement and capacity compliance
• If CSP elects to use 5 minute load data then it will always be used
  – Cannot revert back to hourly load data and flat profiling
• Energy load reductions will be based on hourly CBL flat profiled to 5 minute intervals minus 5 minute load data (instead of flat profiled hourly load data)
• Capacity compliance load reductions are based on PLC or WPL (as applicable) minute 5 minute load data (instead of flat profiled hourly load data).
Operational Process:
5 minute load data for settlements and capacity compliance

CSP that has 5 minute metering and would like to use for energy settlements and capacity compliance (event and test) must follow below set of rules:

• CSP to email PJM (DSR_Ops@pjm.com) and notify intention to convert to 5 minute load data
• CSP with existing Economic DR registration must terminate registration and start new registration
  – Registration Name should start with “5min_”
• CSP must use 5 minute load data for both economic and load management.
  – Can’t pick for one and not the other
• CSP with existing Load Management registration may start use of 5 minute load data once registration expires and new registration is submitted.
• CSP must have metering approved under current meter review process if using CSP meter.
  – metering must meet +/-2% accuracy requirement.
• All customers on registration must use 5 minute metering
• CSP must use 5 minute metering for customer for all future registrations (cannot switch back)
Operational Process cont’:
5 minute load data for settlements and capacity compliance

• CSP will continue to conduct RRMSE test with hourly load data.
• If there is an Economic energy event or Load Management event the CSP must submit the following load data in DR Hub:
  – 5 minute data for the full day of the event (24 hours/288 5-minute intervals);
  – hourly data for CBL calculation (data requirements remain the same)
• 5 minute load data will be submitted in DR Hub with Type = “5Minute_Load”
• 5 minute load data template will be available in May.
## DR Hub 5 minute load data upload example

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Settlement details

5-Minute Settlements

5-Minute Settlements Report Summary [XLS]

- Energy
- Energy Transaction Details
- FERC EQR

Load Response

Emergency Load Response Allocation Summary

Load Response Summary

Real-Time Load Response Credits

5 minute calculated reductions can be found in this report along with 5 minute LMPs.