



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).

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)**

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

Registration	Account	Date	Type	UOM	Value
2222222	01234567	05/29/2016 15:00	5Minute_Load	KW	4001
2222222	01234567	05/29/2016 15:05	5Minute_Load	KW	4021
2222222	01234567	05/29/2016 15:10	5Minute_Load	KW	4011
2222222	01234567	05/29/2016 15:15	5Minute_Load	KW	4015
2222222	01234567	05/29/2016 15:20	5Minute_Load	KW	4011
2222222	01234567	05/29/2016 15:25	5Minute_Load	KW	4000
2222222	01234567	05/29/2016 15:30	5Minute_Load	KW	4001
2222222	01234567	05/29/2016 15:35	5Minute_Load	KW	4005
2222222	01234567	05/29/2016 15:40	5Minute_Load	KW	4010

▼ 5-Minute Settlements

5-Minute Settlements Report Summary [XLS](#)

- ▶ Energy
- ▶ Energy Transaction Details

▶ FERC EQR

▼ Load Response

Emergency Load Response Allocation Summary
Description - 1.22.2018 [DOC](#) | CSV - 9.11.2017 [CSV](#) | XML - 9.11.2017 [ZIP](#) | History - 1.22.2018 [DOC](#)

Load Response Summary
Description - 1.22.2018 [DOC](#) | CSV - 8.24.2017 [CSV](#) | XML - 8.24.2017 [ZIP](#) | History - 1.22.2018 [DOC](#)

Real-Time Load Response Credits
Description - 1.22.2018 [DOC](#) | CSV - 8.24.2017 [CSV](#) | XML - 10.9.2017 [ZIP](#) | History - 1.22.2018 [DOC](#)

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

