



Emergency Energy settlements process for April 21 and 22, 2015 Load Management Events May, 2015

- PJM dispatched Emergency DR resources twice in 2 days in April which involved unique dispatch scenarios:
 - DR dispatched outside product availability window:
 - Compliance is not measured but registration that respond are eligible for energy payment
 - Dispatch in Spring in early am and evening for ramps

- Emergency DR deployed
 - Dispatch1:
 - NotificationTime = 18:20, StartTime = 19:20 (short), 20:20 (long)
 - EndTime = 21:30
- Settlements will be created for all potential settlement hours
- CSP must determine which registration actually responded to PJM emergency dispatch instructions with load reduction
- CSP must de-select all settlement hours where registration did not respond (PJM will have all hours automatically selected)
 - **CSP must have contiguous hours for settlement**
- CSP should not simply settle hours where registrations has positive value, CSP should have reasonable expectation that registration reduced load (CSP contacted customers and believes they were able to respond).
- Zone: PENELEC

- Emergency DR deployed
 - Dispatch1:
 - NotificationTime = 05:30, StartTime = 06:30 (short), 07:30 (long)
 - EndTime = 12:30
- Settlements will be created for all potential settlement hours
- CSP must determine which registration actually responded to PJM emergency dispatch instructions with load reduction
- CSP must de-select all settlement hours where registration did not respond (PJM will have all hours automatically selected)
 - **CSP must have contiguous hours for settlement**
- CSP should not simply settle hours where registrations has positive value, CSP should have reasonable expectation that registration reduced load (CSP contacted customers and believes they were able to respond).
- Zone: PENELEC

Q: What baseline methodology is used to determine emergency energy load reduction:

A: If locations are on Economic registration than Economic CBL is used. If not then hour before methodology is used.

Q: What if the hour before method is not accurate?

A: An economic CBL may be used for an emergency registration. In order to do this, a resource must have a confirmed economic registration for the same location before the CBL is calculated for the emergency energy settlement (note the economic registration may be created after the emergency event, as long as it is confirmed before the CBL is calculated on the emergency settlement). This allows CSP some time to get an economic registration approved after the emergency event so it can be used for the emergency energy settlement.

Q: If a resource responds late to an emergency event, can it choose which hours to settle?

A: Yes, as long as there are contiguous hours for settlement period.

- Energy Settlements (cost to LSE and revenue to CSP) will be included on June invoice issued in early July unless there are significant number of data quality issues or LSE load reconciliation issues (then it will go on July invoice issued in August)
- Settlements must be submitted by the following dates to receive payment:
 - 4/21/15 event : 11:59pm on 6/20/15
 - 4/22/15 event : 11:59pm on 6/21/15
 - If you withdraw after 60 days you should not resubmit the settlement.
- Make sure you submit (NOT just save) the settlement
- If you check or uncheck hour, you must recalculate CBL and save and then resubmit.
- PJM will not measure capacity compliance – please ignore capacity compliance records in eLRS.
- Emergency Energy purchase does not involve Demand Response
- Emergency Energy Settlement detailed training material located at (starts on page 102-108):
 - <http://www.pjm.com/~media/training/core-curriculum/ip-dsr/load-management-in-rpm.ashx>
- Historic list of Load Management Events (date/time/location)
- <http://www.pjm.com/~media/planning/res-adeq/load-forecast/alm-history.ashx>
- Cold Weather Report
 - <http://www.pjm.com/~media/markets-ops/demand-response/pjm-cold-days-reports-for-april-21-22-2015.ashx>