

DRAFT

2016/17 CP Administration Process within Legacy eLRS

Registration
Compliance Process
Emergency Energy Settlements
Test and Retest
Expected Reductions

- Leverage current system capability to implement CP product
 - eLRS Annual Product will also be used to model CP registrations
 - eLRS Economic registrations will be used for RRMSE Test and CBL calculations for non-summer capacity compliance
- This process will be for one year while DR Hub is implemented.
 - More robust process in DR Hub expected for 17/18 DY

Only ~ 600 MW of DR CP for 16/17 Delivery Year

- **Leverage existing Annual Product type**
 - CSP to register all CP as Annual product type in eLRS
- **Segment Annual DR from CP by Naming Convention**
 - CSP should start with CP registration in eLRS with “CP_”
 - This naming convention is only way PJM will know CP vs Annual
- **CSP to link CP registration to eRPM CP resources**
 - CSP will need to know eRPM Annual vs CP resources based on eRPM name and then link to same product registration in eLRS
 - PJM will calculate an “orphan report” upon request from CSP (eRPM resource MW vs registration nominated MW)
 - Orphan report in eLRS for Annual/CP product will not be accurate.

- Create Economic Registration in eLRS, leave in “New” status
 - Registration name prefix = “CP_”
 - If there already is an active Econ registration that is effective after 5/31/15, then PJM will use. No need to create a new one
- Upload meter data and run RRMSE test
- Request exception as necessary (normal economic registration process)
- PJM to verify all CP LM registrations have corresponding CP economic registration with approved CBL
 - PJM will look for Economic registration in “New” status where Registration Name begins with “CP_”, all effective economic registration that are effective after 5/31/15

- If new rules are adopted, Standard CBL is the default for capacity compliance:
- Then:
 - Only do RRMSE as outlined on previous slide if CSP is proposing alternative CBL, or
 - there is a mandatory CP event in non-summer period (October – May)
 - CBL, rather than PLC, is used for compliance calculations

- Summer season
 - Annual DR, same as today
 - CP, CSP does same as Annual DR in eLRS
- CP in non-Summer period
 - CSP uploads load data into eLRS with event day as last day
 - CSP to notify PJM in advance of running the RRMSE test if there where prior event days so that PJM can ensure they are excluded from CBL calculation
 - CSP runs RRMSE test which will calculate the CBL
 - PJM will use the CBL from RRMSE test for the capacity compliance calculation.

Leverage Economic Registration CBL engine to calculate the CP compliance CBL in non-Summer period

- CP done same as Annual DR

- **Test Periods**
 - Annual DR Test Period
 - June – Oct and May
 - CP Test Period
 - June – Sept

- Annual DR will be done in system the same way it is done today

- CP test scheduling will be done manually
 - PJM will post instructions and template

- CSP to combine CP and Annual DR expected reduction values and submit under Annual DR product

- This is draft process which may be refined based on member input.