



Planned Process Improvements for DR Registration and DR MODs to allow for RPM DR Transactions prior to the Delivery Year

Demand Response
Subcommittee
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- CSPs enter locations and registrations in the eLRS system during the registration window (Jan. through May) prior to the Delivery Year and submit to EDC for review and confirmation
 - All registrations must be initially submitted in eLRS by 1 day prior to 10 business days before June 1st (start of the Delivery Year)
 - Registrations may then be corrected, if necessary, and linked to RPM DR resources up through May 31st
 - Any registration not confirmed by start of the Delivery Year is rejected
- Once all registrations are final and confirmed on June 1st of the Delivery Year, PJM models the appropriate DR MODs in eRPM
 - DR MODs are modeled using the link set by CSPs between registrations and RPM DR resources in eLRS
 - DR MODs are used in the RPM resource position calculation and set the Owned ICAP MW on DR resources

- CSPs must wait until PJM has completed the DR MODs in early June to use their available DR capacity in replacement or bilateral transactions in eRPM
- The RPM business rules and system software prevent transactions from being created with a start day in the past. Therefore, CSPs are unable to use their available DR capacity during the first few days of June without PJM administratively overriding the system
- PJM's current administrative work-around of allowing CSPs to email requests and have their DR transactions' start day back-dated to June 1st is cumbersome and causes the below issues
 - PJM Settlements cannot correctly bill participants while PJM is retroactively changing the start day of transactions
 - The eRPM system logic that prevents non-viable transactions is bypassed making it difficult for participants and PJM to correctly validate transactions
 - The current process is very manual and requires significant effort and time by both the participants and PJM

- During the registration window, PJM will migrate the list of confirmed registrations linked to a DR resource from eLRS to the eRPM system each day
- The registrations will then be used in eRPM to calculate the Owned ICAP positions on DR resources prior to the Delivery Year
- Benefits on new enhancements:
 - Allows CSPs to update their DR positions in eRPM throughout the registration window and therefore create their replacement and bilateral transactions on a more timely basis prior to the start of the Delivery Year.
 - Eliminate settlement errors from back-dating process
 - Eliminate or greatly reduce manual intervention and associated risk
 - Make process comparable to generation and avoid back-dating DR transactions
- Important notes on new process:
 - If the CSP waits to link at the last minute (5/31) – the Owned MW ICAP may not be available for the first business day of DY (PJM will no longer back-date DR transactions)
 - CSP should not change the DR resource link – once linked, it is final and therefore available for transactions as described above