



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

Demand Response
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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
 - PJM is looking into potentially changing eLRS to have specific check off on each registration (“Final”) to determine when to migrate to RPM instead of “when it is linked to eRPM resource”. CSP action will determine when to migrate from eLRS to eRPM.
- 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
 - **CSP may not change nominated MW or Product on registration once it is “final”**
 - CSP may still change lead time/offer price, Resource Type