

# DR Open Registration Impact to RPM Resource Positions and Transactions

DRS 10/21/2016

## DR Hub Registrations for Company 'ABC'

Company	Registrations	Effective Date	Termination Date	Nominated MW	Linked RPM Resource
ABC	Reg1	6/1/2020	6/1/2021	5	ABC PECO DR
ABC	Reg2	6/1/2020	6/1/2021	4	ABC PECO DR
ABC	Reg3	7/1/2020	6/1/2021	2	ABC PECO DR

## RPM Resource Positions for Company 'ABC'

Company	RPM Resource	Effective Date	Termination Date	Owned MW (ICAP)	Committed MW (ICAP)	Available MW (ICAP)
ABC	ABC PECO DR	6/1/2020	7/1/2020	9	10	-1
ABC	ABC PECO DR	7/1/2020	6/1/2021	11	10	1

- Owned MW = Sum of Nominated MW of all effective registrations marked complete in DR Hub for the company and linked RPM resource +/- installed capacity transferred through Unit-Specific Bilateral transactions
- Available MW = Owned MW – Committed MW
- New registrations marked complete will be bridged daily to eRPM
- RPM Resource Positions will automatically update with each bridge run

- New registrations that result in additional Available MW on a DR resource may be used in:
  - Replacement Transactions - used to cover the RPM commitment on another resource within the party's portfolio
  - Locational UCAP Bilateral Transactions - transfers Locational UCAP MW to a Buyer to be used as replacement capacity in the Buyer's account; the Available MW on DR resource become committed in seller's account with a performance obligation
  - Unit-Specific Bilateral Transactions (Available) - transfers the available installed capacity and capacity rights of the DR resource to a Buyer to be used as replacement in Buyer's account; replacement results in commitment and performance obligation on the DR resource for the Buyer
- Replacement and Bilateral Transactions must be in "Approved" status in eRPM prior to the start day of the transaction

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Company	RPM Resource	Effective Date	Termination Date	Owned MW (ICAP)	Committed MW (ICAP)	Available MW (ICAP)
ABC	ABC PECO DR	6/1/2020	11/1/2020	9	8	1
ABC	ABC PECO DR	11/1/2020	6/1/2021	5	8	-3

- Terminated registrations result in a lower Owned and Available MW for the company on the linked RPM DR resource
- May result in an RPM Commitment Compliance penalty if Available MW is less than zero



# Potential Impact of Terminated Registrations for prior Unit-Specific Bilateral Transactions

## Scenario

Company 'ABC' registers the same customers as in the prior slide, but prior to knowing Reg2 (4 MW) will be terminated on 11/1/2020, Company 'ABC' transfers 7 MW of installed capacity through a Unit-Specific Bilateral Transaction to Company 'XYZ' for the entire Delivery Year.

## Initial RPM Resource Positions with the Unit-Specific Bilateral Transaction

Company	RPM Resource	Effective Date	Termination Date	Owned MW (ICAP)	Committed MW (ICAP)	Available MW (ICAP)
ABC	ABC PECO DR	6/1/2020	6/1/2021	2	1	1
XYZ	ABC PECO DR	6/1/2020	6/1/2021	7	7	0

## Updated RPM Resource Positions after the termination of Reg2

ABC	ABC PECO DR	6/1/2020	11/1/2020	2	1	1
ABC	ABC PECO DR	11/1/2020	6/1/2021	-2	1	-3
XYZ	ABC PECO DR	6/1/2020	6/1/2021	7	7	0

In this scenario, PJM will need to reach out to both parties and create another Unit-Specific Bilateral Transaction from 'XYZ' back to 'ABC' for 2 MW to remove the negative Owned MW position in the 'ABC' account and correctly reflect a 2 MW deficiency in the 'XYZ' account