



Capacity Exchange Roadmap Non-Retail Behind the Meter Generation Enhancements

As of June 16, 2020

Theresa Esterly

Sr. Lead Engineer, Capacity Market Operations

- Added date and time for Non-retail Behind the Meter Generation (NRBTMG) release
- Added date and time for special session about NRBTMG feature

Action Required	Deadline	Who May Be Affected
Brief outage during NRBTMG release. No action required.	<p>June 11 3 p.m. – 5 p.m.</p>	Users of Capacity Exchange
TCF Special Session: PJM to educate responsible LSEs/EDCs on new NRBTMG screens released in Capacity Exchange	<p>June 16 10 a.m. - 11:30 a.m.</p>	LSEs/EDCs that are responsible to report on NRBTMG located in modeled wholesale area in zone



Action Required	Deadline	Who May Be Affected
<p>Report and confirm NRBTMG unit data in the DY Reporting & Confirmation screen during the reporting window. Window opens June 15.</p>	<p>July 31</p>	<p>LSEs/EDCs that are responsible to report on NRBTMG located in modeled wholesale area in zone</p>
<p>Report NRBTMG generation output data in Coincident Peak Hour screen during the reporting window. Window opens November 1.</p>	<p>November 30</p>	<p>LSEs/EDCs that are responsible to report on NRBTMG located in modeled wholesale area in zone</p>





2020-2021 Capacity Exchange Roadmap for Non-retail BTMG Enhancements

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	2021
Unit Reporting				Production – June 11		◆				Production – Nov. 30		◆	
Generation Output				Production – June 11		◆				Production – Nov. 30		◆	
Outages													◆
Performance										Production – Nov. 30		◆	◆

Legend

- Start Date
- ◆ End Date



Menu Area	Screen	Release Date
Unit Reporting	NRBTMG Characteristics	June 11
	DY Reporting & Confirmation	June 11
	Change Request	Nov 30
Generation Output	Coincident Peak Hours	June 11
	Event Hours	Nov 30
Outages	Outages	2021
Performance	Expected Performance	Nov 30
	Event Performance	2021
	Netting Reduction	2021

Target Schedule for June 2020 Release

User Guide Updated
June 1

Demo
June 16
TCF Special Session

PJM to populate coincident peak hours for Nov 1, 2019 – October 31, 2020 reporting period by **October 31**



Train & Production
June 11

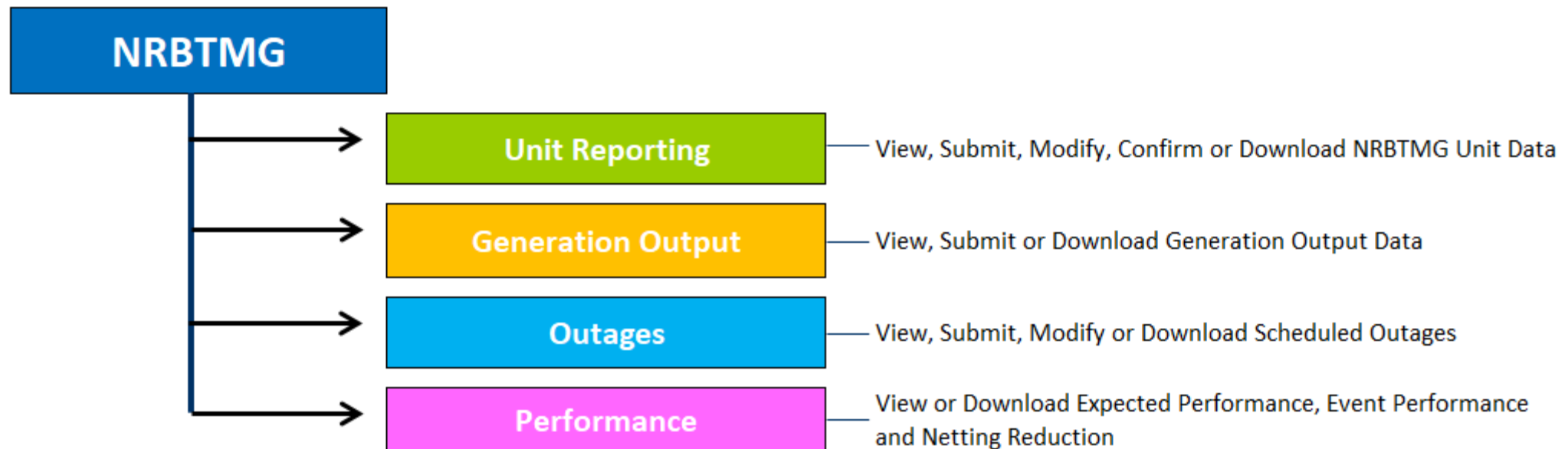
PJM to prepopulate the system with NRBTMG unit data previously submitted to PJM through NRBTMG reporting templates

Responsible LSE/EDCs submit and confirm unit data for 2020/2021 Delivery Year in Capacity Exchange
July 31 deadline

Responsible LSE/EDCs submit generation output data for coincident peak hours in Capacity Exchange
November 30 deadline

NRBTMG Enhancement Details

- New Non-retail Behind the Meter Generation (NRBTMG) menu in Capacity Exchange to administer NRBTMG requirements and replace manual submittal of templates to BTMG@pjm.com.



Allows responsible LSE/EDC to:

- View NRBTMG unit characteristic data
- View, submit, and confirm specific unit data for a delivery year
 - Summer rated ICAP value
 - ICAP MWs in PJM Markets
 - DR Hub registration ID
- Submit change request
 - Modify previously submitted data
 - Submit new in-service unit
 - Submit deactivation of an existing unit

Allows responsible LSE/EDC to:

- Submit hourly generation output data during coincident peak hours
 - Viewable to EDC responsible for calculating the network service peak load and obligation peak load of a wholesale area in zone
 - Used by PJM to determine the expected performance level of NRBTMG unit for emergency events
- Submit hourly generation output data during an emergency event that is subject to performance compliance

Allow responsible LSE/EDC to:

- View scheduled outages of NRBTMG units
- Submit scheduled outages of NRBTMG units
 - Scheduled outages during October through May and reported in advance of a performance compliance event can excuse MWs during performance compliance event
- Modify scheduled outages

Allow responsible LSE/EDC to:

- View expected performance level of NRBTMG units
- View performance compliance event results determined by PJM
- View total netting reduction penalty for failure of NRBTMG units to perform during emergency events during annual period of November 1- October 31
 - EDC to consider netting reduction penalty in determination of network service peak load and obligation peak load of a wholesale area
 - Viewable to responsible LSE and EDC that calculates network service peak load and obligation peak load values in zone

Product Details

[Capacity Exchange](#) allows users to submit information and obtain data needed to conduct business in PJM Capacity Market

Key Product Features

- View load and obligation data
- View/manage company's resource position
- Participate in RPM Auctions
- View/manage capacity transactions
- Participate in Fixed Resource Requirement (FRR) Alternative
- View resource's performance-related shortfalls