Capacity Exchange Roadmap
Non-Retail Behind the Meter Generation Enhancements

As of November 17, 2020

Theresa Esterly

Sr. Lead Engineer, Markets Automation & Quality Assurance

- Updated the date for the Non-retail Behind the Meter Generation (NRBTMG) release of the Change Request, Event Hours, and Expected Performance screens from 11/30/2020 to 11/11/2020

- Advanced the release of Outages, Event Performance, and Netting Reduction screens from 2021 to 11/11/2020

- Added date and time for the second special session about NRBTMG enhancements

Action Required	Deadline	Who May Be Affected
TCF Special Session: PJM to educate responsible LSEs/EDCs on new NRBTMG screens released in Capacity Exchange on November 11, 2020	**November 23** **1:00 pm – 2:30 p.m.**	LSEs/EDCs that are responsible to report on NRBTMG located in modeled wholesale area in zone
Report NRBTMG generation output data in Coincident Peak Hour screen during the reporting window. Window opens November 1. *Refer to the June 16, 2020 TCF Special session for educational materials on reporting generation output data in Coincident Peak Hour screen.*	**November 30**	LSEs/EDCs that are responsible to report on NRBTMG located in modeled wholesale area in zone

2020 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. 11 ◆				
Generation Output				Production – June 11 ◆					Production – Nov. 11 ◆				
Outages									Production – Nov. 11 ◆				
Performance									Production – Nov. 11 ◆				

Legend

● Start Date

◆ End Date

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

Coincident Peak Hour screen opens for generation output reporting

November 1

User Guide Updated

Nov 13

Coincident Peak Hours screen closes for generation output reporting

November 30

Train & Production

Nov 11

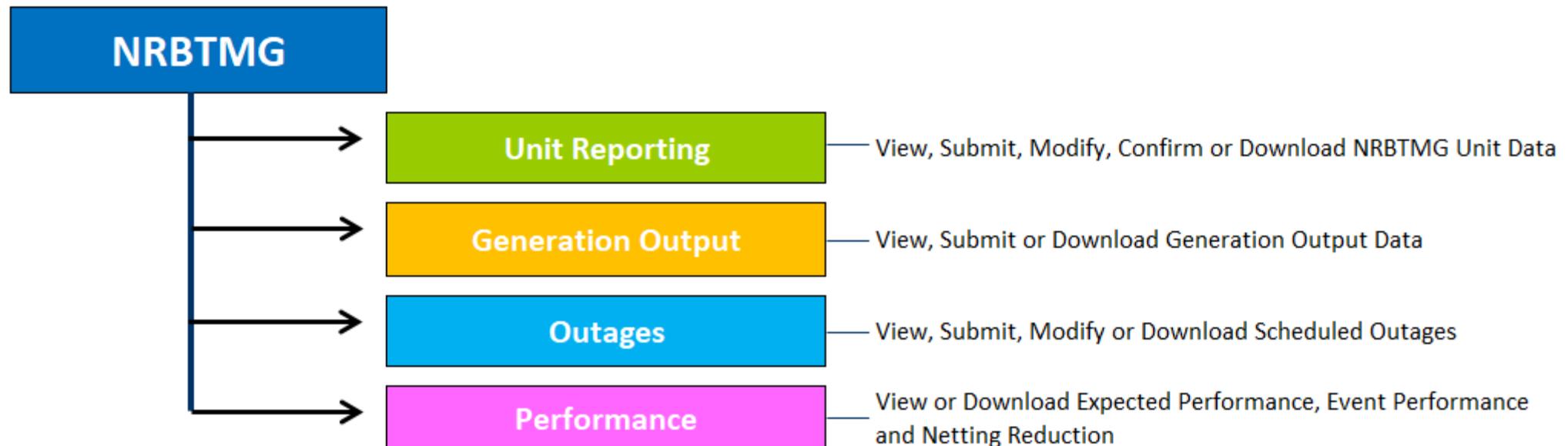TCF Special Session

Nov 23

Expected Performance data available in **December 2020**
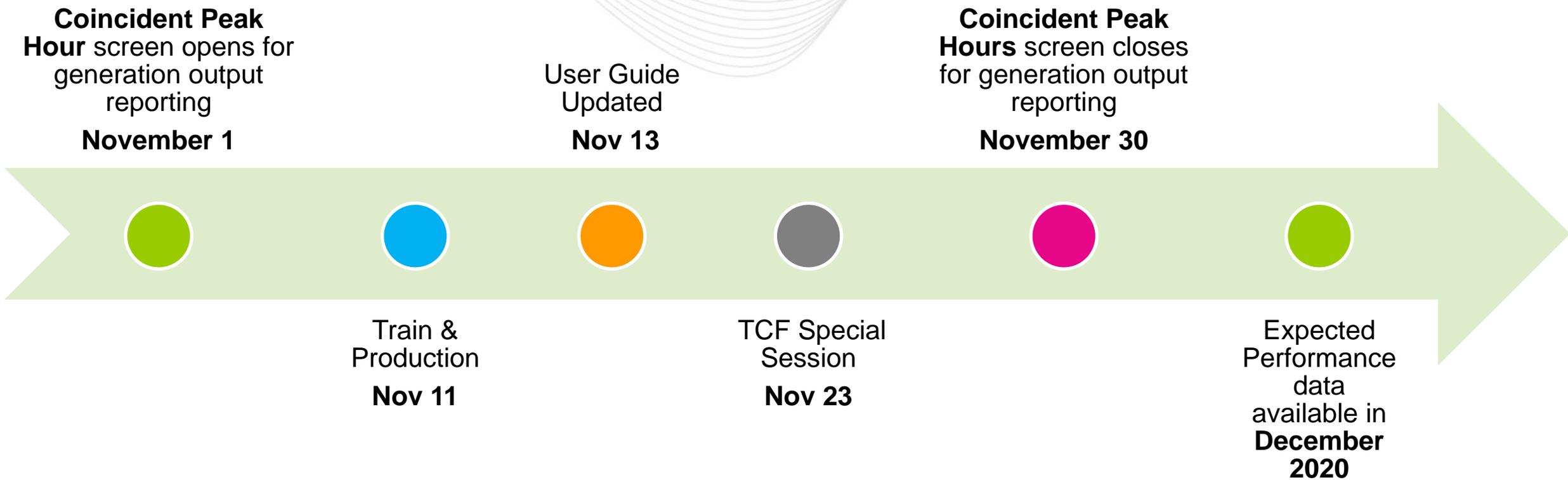
NRBTMG Enhancement Details

- New Non-retail Behind the Meter Generation (NRBTMG) menu in Capacity Exchange to administer NRBTMG requirements in Manual 14D, Appendix A and replace manual submittal of NRBTMG data 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