

# Brandon Shores 1&2 and Wagner 3&4 Deactivation and RMR Discussion

Mark Sims  
Senior Manager, PJM Long Term  
and Interregional Planning

Special MC (Wednesday, May 27)

Special TOAAC (Thursday, May 28)

## Background

Timing of notification from BS/Wagner and requested timeline



## PJM RTEP

- BS/Wagner required reinforcements (and timeline) a.k.a. the “Immediate Need” reinforcements
- Subsequent RTEP cycles
- Recent assessment to recommend timing update of BS/Wagner RMR



## PJM Base Residual Auction



## Next Steps and Recommendation





# Brandon Shores and Wagner Deactivation Notifications

Unit	Capacity (MW)	State	Age	Transmission Owner Zone	Owner Notification Date	Current RMR End / Planned Deactivation Date
Brandon Shores 1	635	MD	39	BGE	April 6, 2023	May 31, 2029
Brandon Shores 2	638	MD	32	BGE	April 6, 2023	May 31, 2029
Wagner 3	305	MD	64	BGE	Oct. 16, 2023	May 31, 2029
Wagner 4	397	MD	51	BGE	Oct. 16, 2023	May 31, 2029
	<b>1,975 Total</b>					

**Brandon Shores  
1 & 2**

**Wagner  
3 & 4**

**PJM Presented  
*Need and Solutions at:***

July 2023 TEAC

Jan 2024 TEAC

**Reliability Problems &  
Required Reinforcements**

*R*

*R*

**Immediate Need  
Baseline Projects**

[Brandon Shores Cost  
Allocation \(PDF\)](#)

[Wagner Cost Allocation  
\(PDF\)](#)



# 2022 RTEP Window #3 and 2024 Window #1

December 2023

**2022 RTEP  
Window 3**

[Reliability Analysis Report 2022  
RTEP Window \(PDF\)](#)

APPROVED:  
December 2023

January 2024

**Deactivation  
Notification Update**

[Generation Deactivation  
Notification Update \(PPT\)](#)

February 2025

**2024 RTEP  
Window 1**

[Reliability Analysis Report 2024  
RTEP Window 1 \(PDF\)](#)

APPROVED:  
February 2025

*Incorporated the BS/Wagner  
immediate need solutions*

- PJM assessed the deactivation of Brandon Shores 1&2 and Wagner 3&4 by the current RMR end date (May 2029)
- Planning reliability thermal and voltage violations exist without Brandon Shores & Wagner generation as well as the required reliability projects



# Implementation Timeline of Required Reliability Projects

**May 2029** – Current RMR End Date of Brandon Shores and Wagner

Major Baseline Projects		Projected In-Service Dates
Brandon Shores and Wagner Immediate Need Solutions		Dec. 2028 (Completion)
<b>2022 RTEP Window 3</b>	Otter Creek – Doubs 500 kV line (MPRP):	Jun. 2027
	Morrisville – Vint Hill – Wishing Star 500kV line	Jun. 2030
	North Delta – High Ridge 500 kV line	Dec. 2030
	Peach Bottom – Conastone 500 kV line rebuild	Dec. 2030
	502 JCT-Woodside-Aspen 500 kV line	Dec. 2031
<b>2024 RTEP Window 1</b>	Amos-Welton Spring-Rocky Point 765 kV line	Jun. 2029
	Joshua Falls-Yeat 765 kV line	Jun. 2029
	Kraken 500 kV loop of 2024 W1: Sept 2030	<u>Sep. 2030</u>

 Indicates projected ISD beyond Brandon Shores and Wagner RMR end date.

**Brandon Shores 1&2 and Wagner 3&4 needed through 2030** given known information, plans, assumptions, schedules and forecasts at this time

Necessary implementation timeline of required transmission enhancements does not support the present RMR timeline

**Status and Next steps – RMR Agreement & FERC Filing**

Thomas DeVita,  
[Thomas.DeVita@pjm.com](mailto:Thomas.DeVita@pjm.com)

SME/Presenter:  
Mark Sims,  
[Mark.Sims@pjm.com](mailto:Mark.Sims@pjm.com)

**Brandon Shores / Wagner Update**



**Member Hotline**

(610) 666 – 8980

(866) 400 – 8980

[custsvc@pjm.com](mailto:custsvc@pjm.com)

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