

Next Generation Energy Markets (nGEM) Update

Joe Ciabattoni

Market Services Division

Market Implementation Committee

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Disclaimer: While materials are current at the time of publishing, applicable requirements may change. PJM Governing Documents control.

- Moved into Production Go Live was October 23, 2025
- Moved from legacy server-based architecture to virtual containerized servers
- Continue to work with vendor for configuration and optimization improvements
- Q4 2026 Adding new hardware
- Plans to replace all DA servers in 2027

- Four study modes contained within the RT MCE
 - Intermediate-Term Security Constrained Economic Dispatch (IT SCED)
 - Real-Time Security Constrained Economic Dispatch (RT SCED)
 - Ancillary Services Optimizer (ASO)
 - Locational Pricing Calculator (LPC)
- 2025 Project Increment (PI) delivered: PI#2, PI#3 [IT SCED / ASO]
- 2026 PI deliveries: PI#4, in progress PI#5 (est delivery Dec 2026) [IT SCED / ASO]
- 2027/28 PI 6-8 – RT SCED / LPC
- Q4 2028 – Parallel ops

Facilitator:

Jason Shoemaker, Jason.Shoemaker@pjm.com

Secretary:

Stefan Starkov, Stefan.Starkov@pjm.com

SME/Presenter:

Joseph Ciabattini, Joseph.Ciabattini@pjm.com

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Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com

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