



# Next Generation Energy Markets Update

Ray Fernandez

Market Services Division

Market Implementation Committee

September 10, 2025

- Moved into Parallel Production Operations on June 4, 2025
  - Defect correction delivery scheduled for September 16
    - Continued testing may identify other defects that require correction prior to go live
  - nGEM comparison with Legacy
    - Commitment and dispatch results and hourly LMPs very consistent
    - Overall nGEM system performance is 7-10 minutes faster than Legacy
- The target date for Production Go Live is mid-October 2025

- 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)
- Project Increment #2, which contained IT SCED functionality along with ASO design to integrate the Regulation Market Redesign requirements, was delivered in June. Project Increment #3 development is in progress. The focus for PI#3 is finalizing ITSCED development and initiating ASO development. PI#3 is scheduled to be delivered in December 2025.

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**Next Generation Energy Markets Update**

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