



# Next Generation Energy Markets Update

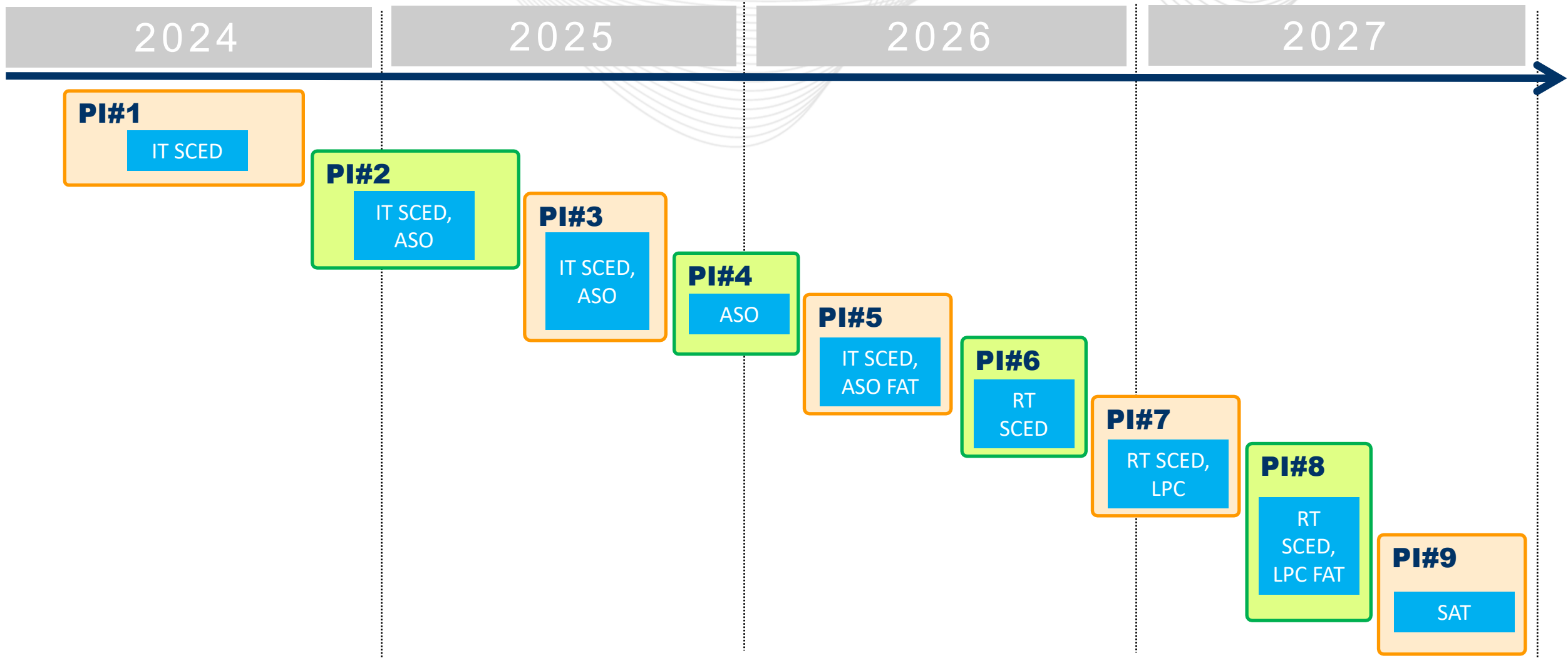
Ray Fernandez

Market Services Division

Market Implementation Committee

April 2, 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 #1, which focused on IT SCED functionality, was delivered in November 2024. Project Increment #2 is currently underway with additional IT SCED functionality along with ASO design to integrate the Regulation Market Redesign requirements.



- Currently in Project Increment #8 - Site Acceptance Testing phase
  - The DA MCE was initially deployed in the test environment at PJM in Q4 2024
  - In early March, the DA MCE was installed in the stage environment
    - Stage provides the capability for more robust testing
      - Improved data quality
      - Production grade hardware and storage
      - Ability to test site failover
      - Validation of remaining defects

- Next step is to move into Parallel Production Operations – Target date May 2025
  - Detailed comparison of results with Legacy system
    - Unit Commitment and Dispatch
    - Hourly LMPs
    - System performance
- The target date for Production Go Live is moving to Fall 2025
  - Allows for testing during peak periods and avoids Summer implementation

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### Member Hotline

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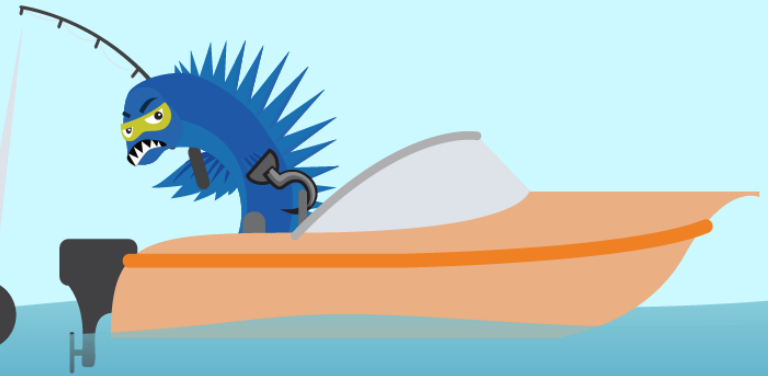
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