



Long-Term Regional Transmission Planning (LTRTP) Manual Revisions and Next Steps

PJM Staff

Long-Term Regional Transmission Planning
Workshop

Dec 15, 2023



Long-Term Regional Transmission Planning (LTRTP) Review of Manuals

- PJM has performed an initial review of existing manual language to identify sections that may require update based on the LTRTP framework discussed at these workshops
- M14B – PJM Region Transmission Planning Process
 - Includes specifics on Assumptions, Analysis and Timelines
- M14F – Competitive Planning Process
 - Details specifics around proposal window process

- Timeline 2 Year process → 3 year process
- Development of additional LT powerflow cases for years 8 and 15
- Update LT analysis procedures
 - DFAX extrapolation to linear interpolation
 - Expansion of analysis to include limited N-1-1 and voltage studies
- Update language that defines qualifications for LT needs
- Additional content in establishing assumptions (e.g. capacity expansion, public policy, etc.)
- Outline process for collecting state policy data
- Acceleration of LT projects/Informing NT Projects

- 1.3 Planning Assumptions and Model Development
 - Seeking input and establishing assumptions
- 2.1 Transmission Planning
 - LT Scenario Analysis
 - Reliability Planning (2.1.2) – 3 Year process
- 2.2 RTEP Process Drivers
 - Addition of LTRTP
- 2.3.14 Long Term Reliability Review
- 2.3.15 Stakeholder Review of and input to Reliability Planning
- Attachment B – Scope of 15 year plan, Scenario Planning Procedure
- Attachment C – Long Term Deliverability Analysis and Upgrades

- 1.1 Proposal Window Type and Duration

- Timing of LT proposal window
- 3 year process
- Update Exhibit 1
 - 24-Month Reliability Planning Cycle

- 6.1 Proposal Requirements

- Add requirements specific to LT projects

- Attachment C

- Modify considerations that inform decision in decisional process diagram

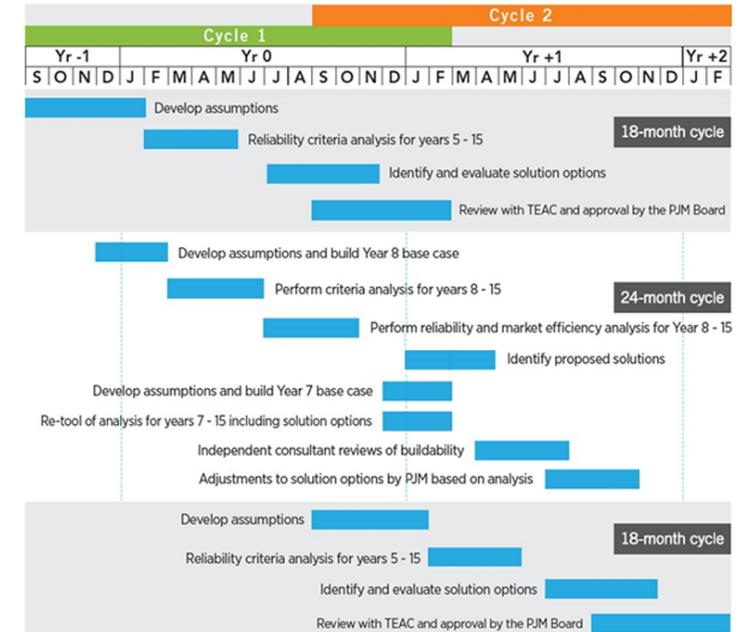


Exhibit 1: 24-Month Reliability Planning Cycle

Stakeholder Feedback on Workshop 5 Content

- Manual Revisions to follow the normal stakeholder process

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Long Term Regional Transmission Planning Update



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