

RTEP Base Case Development



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- **Base Case Development**
 - Starting Point Case
 - As-Is Summer Case
 - What's Included in future cases?
 - Load
 - Latest PJM Forecast
 - Bulk Electric System (BES)
 - Existing Infrastructure
 - Baseline Upgrades
 - Supplemental Projects
 - Network Upgrades*
 - Generation
 - Existing & Future



- Generation (continued)
 - Future Generation
 - FSA, ISA, or cleared RPM
 - Generation, MTX, LTF
 - Withdrawn projects
 - Retirements / Deactivations
- Interchange
- External World
 - Multiregional Modeling Working Group (MMWG) case



RTEP Upgrades Status Updates



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- Infrastructure Coordination department requests updates from the TOs every quarter
 - Updates received are added to the database
 - TO Projected In Service Date
 - Actual In Service Date
 - Status
 - % Complete
 - Cost Estimate

- **Backbone Transmission Upgrades Certification**
 - **Tariff section 5.11A, Backbone Transmission Upgrade Project Development Milestones**
 - A Transmission Upgrade including transmission facilities at voltages of 500 kV or higher that is in an approved Regional Transmission Expansion Plan (“Backbone Transmission”) shall be included in the system model for an RPM Auction only if it satisfies the project development milestones set forth in this section.
 - Corporate officer submits a schedule, among other things, showing the project in service no later than the start of the delivery year corresponding to the applicable auction

- **Timeline for Certifications**
 - **Base Residual Auction – 3 Years Out**
 - Certifications required by December 3rd *
 - **1st Incremental Auction – 2 Years Out**
 - Certifications required by July 13th *
 - **2nd Incremental Auction – 1 Year Out**
 - Certifications required by May 11th *
 - **3rd Incremental Auction – 5 Months Out**
 - Certifications required by December 29th *

* Date varies slightly each year