System Planning Modeling Update

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System Planning Modeling & Support
October 12, 2017
• 9/22 – PJM sent final updates and data dictionary to Powertech
• 10/6 – Power flow models to be approved
• 10/13 – Final 2016 series MMWG load flow models to be posted
2018 Series RTEP Powerflow Status

- **2023: Summer, Winter, Light Load**
- **2021: Summer & RPM**
  - PJM building RPM case outside of MOD
  - Validate 3 year case from MOD

- Trial 0 cases sent to TOs
  - TOs updating
    - As built data for projects that went into service
    - New baseline/supplemental/network upgrades presented at August/September TEAC/SRRTEP

  - PJM Updating
    - As built data for generators that went into service
    - Modeling and status updates for new ISA/FSA generation
RTEP Power Flow Case Build Schedule

- **September 26, 2017**
  - PJM sent out Trial 0 draft RTEP cases

- **October 6, 2017**
  - TOs provide corrections & updates in MOD

- **October 17, 2017**
  - PJM will send out Trial 1 RTEP cases and Master Tie Line spreadsheet

- **October 26, 2017**
  - TOs verify topology and correct Model on Demand project files
  - Provide updated load, reactive, and ratings profiles and submit MTL spreadsheet

- **November 2017 – December 2017**
  - Two more trials for remaining project files and contingency updates.
RTEP Short Circuit Case Build

PJM working to compile models submitted by TOs August 28th. Working with TOs as needed to resolve case build issues

- **October 17, 2017**
  - PJM will send TOs draft 2020 short circuit cases and initial analysis

- **November 3, 2017**
  - TOs provide 2020 case updates

- **December 1, 2017**
  - PJM will send TOs draft 2023 short circuit case

- **December 28, 2017**
  - TOs provide 2023 case updates

- **Late January 2018**
  - Begin RTEP short circuit analysis