



Resource Adequacy Analysis Subcommittee (RAAS) Update

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RAAS
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- PJM informed the MRC at its October 22 meeting that the RAAS would re-examine all modeling assumptions for the 2016 Reserve Requirement Study (RRS).
- The RAAS will conduct two half-day education sessions in November and December to provide technical background on the RRS.
- The RAAS will schedule meetings as needed in the first quarter of 2016 to finalize the RRS assumptions for PC endorsement in April.

- The focus of the RAAS discussion will be on the primary drivers of the IRM/FPR
 - Selection of PJM and World load models
 - Development of capacity models
 - Representation of World area
- RAAS will also consider the potential impact of Capacity Performance (CP) implementation on RRS assumptions

- **IRM/FPR Basics**
 - Rationale for calculating IRM/FPR
 - Software to calculate IRM/FPR
 - Main Inputs
 - Load Model
 - Capacity Model
 - World Region
 - Use of IRM/FPR in the Reliability Pricing Model (RPM)
- **Input #1: Load Model**
 - PJM Load Forecast Model vs. RRS Load Model
 - Load Model Concepts: Magnitude-Ordered Loads, Load Scenarios
 - Load Model Selection Methodology

- **Input #2: Capacity Model**
 - GADS Data
 - Capacity Model Concepts: Outage Rates, Planned Outages, Ambient Derates, Convolution
- **Input #3: World Region**
 - World Member Regions
 - Assumptions used to develop World Region
 - Load Diversity Issues
 - World Reserve Issues
 - Capacity Benefit Margin (CBM)
- **Procedure to Calculate LOLE**
- **Potential Capacity Performance Impact**

- **Session #1**
 - November 24, 2015
 - 1:00 PM – 4:00 PM
 - PJM CTC with WebEx

- **Session #2**
 - December 9, 2015
 - 9:30 AM – 12:30 PM
 - PJM CTC with WebEx