

## Modeling Generation Senior Task Force - DRAFT

This Charter describes the objectives (mission) and responsibilities of this stakeholder group to complete the specific scope of work assigned by the Markets and Reliability Committee (MRC).

### Problem Statement and Issue Charge Summary

In 2016, several PJM members formed the Combined Cycle Owners User Group to work in partnership with interested and similarly situated stakeholders to discuss the design and operation of combined cycle units and their integration into the market and real-time operations of PJM. Over the course of several meetings the user group evaluated the models different RTOs/ISOs are using to model combined cycle units. At the conclusion of the education phase of the user group's work, the group came to the conclusion that a more detailed model for combined cycle units might be equally applicable to other steam units. The focus of the Modeling Generation Senior Task Force (MGSTF) is to consider expanding the model that is used in PJM's systems to improve the ability to represent the various components of all generation.

### Key Work Activities from the Problem Statement

1. Review the work of prior groups addressing the model of combined cycle units to better understand the reasons the model was not implemented or used.
2. Promote understanding of generating plants and their need for a more flexible model.
3. Identify and assess the feasibility of market rules/mechanisms to integrate generation resources into PJM's markets such that their operating characteristics are understood, are properly modeled and adequately compensated.
4. Identify necessary changes to OA, Tariff, and manuals needed to implement any new model.

### Expected Deliverables

Manual changes and potential Tariff/RAA changes that establish key work activities.

### Decision –Making Method

Tier 1, Consensus on a single proposal

### Administration

Group Name: Modeling Generation Senior Task Force (MGSTF)

Parent Committee: Markets and Reliability Committee (MRC)

Facilitator/Chair: Stan Williams

Secretary: Megan McLaverty

Webpage: <http://www.pjm.com/committees-and-groups/task-forces/mgstf.aspx>

Meeting Frequency: Approximately once a month

Expected Overall Duration of Work: The goal is to complete work and make recommendations to the MRC by the June 2017 MRC meeting.

- The Modeling Generation Senior Task Force (MGSTF) shall base its activities by the rules and protocols found in the PJM Stakeholder Process Manual (M-34)
- The group will accomplish the scope of work identified above, and only that work

- Approval from the parent Standing Committee will be sought before engaging in any activity outside this scope
- The group will periodically report progress on its chartered scope of work to its parent Standing Committee
- Meeting minutes and all meeting materials will be published on the PJM website.
- The group will prepare a final report (the Consensus Proposal Report or Proposal Alternatives Report, whichever is applicable). This report will constitute its recommendation to the parent Standing Committee to resolve the issue
- Membership in the group is open and will be identified by volunteerism. Group members are not required to sign a confidentiality agreement or a non-disclosure agreement.