



# Modeling Generation Senior Task Force Update



Stan Williams  
Director, Compliance & Settlements  
Markets & Reliability Committee  
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- 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.
- The user 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 currently used in PJM's systems to improve the ability to represent various components of all generation.
- Key Work Activities Include:
  - 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.
  - Promote understanding of generating plants and their need for a more flexible model.
  - 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.
  - Identify necessary changes to OA, Tariff, and manuals needed to implement any new model.

- This effort also incorporates the key learnings from and will build on the previous Combined Cycle Modeling stakeholder effort which began March 8, 2011 and was subsequently placed on hold prior to the user group effort in 2016.
- Additional details on this effort can be found at: [PJM Issue Tracking - Combined Cycle Modeling](#)

- Expected Deliverables
  - Manual changes and potential Tariff and Reliability Assurance Agreement changes that establish key work activities
- Decision Making Method
  - Tier 1, Consensus on a single proposal
- Expected Duration of Work
  - The goal is to complete work and make recommendations to the MRC by the November 2017 MRC meeting
  - Extended time needed for development of solution options



# Modeling Generation Senior Task Force Work Plan

## 2017 Modeling Generation Senior Task Force (MGSTF) Work Plan

Updated: August 14, 2017

Issue	January	February	March	April	May	June	July	August	September	October	November	December
Develop Unit Model Problem Statement	Stakeholder Education			Package development			Package narrowing and polling		MGSTF Voting	MRC 1st Read	MRC Voting	MC Voting
	MGSTF Stakeholder Process									Parent Committee and FERC Process		

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Detailed Work Plan	27-Jan	15-Feb	21-Mar	19-Apr	12-May	16-Jun	21-Jul	28-Aug	22-Sep	20-Oct	17-Nov	15-Dec
Create Charter	X											
Provide Education	X	X										
Document Interests		X	X									
Develop & Refine Design Components			X	X								
Develop & Refine Component Options				X	X	X	X	X				
Develop & Refine Solution Packages								X	X			
Build Consensus									X	X		
MGSTF Vote										X		
First Read @ MRC										X		
Vote at MRC											X	
Vote at MC												X
FERC Filing												X