



Modeling Generation Senior Task Force Proposed Next Steps

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Please indicate which option you will use:	Yes	No	% in favor
Option 1: Add Additional Segments to the Energy Offer Curve (Low Implementation Complexity)	27	54	34%
Option 2: Hourly Differentiated Ramp Rate Curve (Medium Implementation Complexity)	57	22	72%
Option 3: Implement Soak Time (High Implementation Complexity)	41	38	52%

- Options 2 and 3 both received over 50% support in the July stakeholder poll
- PJM staff currently believe that the implementation of both options 2 and 3 can be implemented in the near term.
 - Option 2 – Provide market participants with the ability to submit Hourly Differentiated Ramp Rates
 - Medium Implementation Complexity with implementation possible in 2020
 - Tariff and manual language will need to be developed and approved
 - A FERC filing and FERC approval will be required prior to implementation
 - Option 3 - Implement Soak Time
 - High Implementation Complexity with implementation possible in 2021
 - Soak Time Tariff and manual language has already been approved through the Members Committee
 - A FERC filing and FERC approval will be required prior to implementation
 - Soak Time is a parameter limited value and will be added to the existing Unit Specific Parameter Proxy Matrix

- Add additional ICCP or DNP generation resource status points
 - Will allow PJM Members to send generator resource configuration and transition status for PJM Dispatch and Market awareness
 - Simple implementation complexity with implementation possible in 2019
 - Manual language changes are needed for implementation
 - No Tariff changes are needed for implementation

- Present near-term solution approach recommendation from the MGSTG to the PJM MRC for their endorsement
- Following PJM MRC endorsement PJM staff will:
 - Develop and present Tariff and manual language for Option 2 and manual changes for ICCP data communication of unit status for review and endorsement by the MGSTF and MRC
 - Submit the required FERC filings for Options 2 and 3
 - Begin implementation efforts for Options 2, 3, and additional ICCP data communication of unit status
 - Memorialize the long-term solution requirements for review and update on a bi-annual basis by the MGSTF going forward through implementation as tools and technology developments allow