



Updating Needs Assessments to Reflect Latest Forecasts

Revision 1

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Purpose

- To provide an update on the Needs Assessments for Maine (ME), New Hampshire (NH), Southwest Connecticut (SWCT), Western and Central Massachusetts (WCMA), and Southeastern Massachusetts and Rhode Island (SEMA/RI)



Background

- At the March 15, 2018 PAC meeting, the ISO presented information on the updated load, energy efficiency (EE), and photovoltaic (PV) forecasts
 - These forecasts show a significant reduction in the net load to be served
- **Updates to Active Demand Capacity Resources (ADCR) are also available to be incorporated**
- Additional forecast information is being presented at today's PAC and will be captured in the 2018-2027 Forecast Report of Capacity, Energy, Loads, and Transmission (2018 CELT)
- At the March 15, 2018 PAC meeting, the ISO stated due to the magnitude of the severity of the needs in the Eastern Connecticut (ECT) study area, that study would proceed without adopting the new forecast
- At that time, no information was provided for the other ongoing Needs Assessments



Updates to Ongoing Needs Assessments

- The Needs Assessment process is underway for ME, NH, SWCT, WCMA, and SEMA/RI
- A preliminary review of the impact of the new forecasts **and ADCR** shows potential elimination of some system needs
- Today's plan attempts to balance the benefits of incorporating the new load forecast **and ADCR** against adding delays to each of the studies



Individual Study Plans

- ME

- Final Scope of Work report and intermediate study files were posted on March 2, 2018
- An error was recently discovered in the generation dispatch. Bucksport 3 and 5 have been incorrectly placed in service in the dispatches, though it does not have a capacity supply obligation or a contract. Additionally, Athens Energy (7 MW) which received a CSO in FCA12 had not been considered available for dispatch
- Plan
 - Update the intermediate study files to correct the status of Athens Energy and Bucksport 3 and 5, reflect the new forecasts and **updated ADCR information**, and repost them
 - Update the Scope of Work report. Since the changes will be data updates and limited changes to the specified generator dispatches, there will be no additional stakeholder review period.
 - The Scope of Work presentation will not be updated

- NH

- Final Scope of Work report and intermediate study files were posted on March 2, 2018
- Plan
 - Update the intermediate study files to reflect the new forecasts **and updated ADCR information**, and repost them
 - Update the Scope of Work report. Since the changes will be data updates only, there will be no additional stakeholder review period.
 - The Scope of Work presentation will not be updated



Individual Study Plans, continued

- SWCT
 - Final Scope of Work report and intermediate study files were posted on March 2, 2018
 - Plan
 - Update the intermediate study files to reflect the new forecasts **and updated ADCR information**, and repost them
 - Update the Scope of Work report. Since the changes will be data updates only, there will be no additional stakeholder review period.
 - The Scope of Work presentation will not be updated
- WCMA and SEMA/RI
 - Draft Scope of Work report and intermediate study files were posted on January 22, 2018 for SEMA/RI and February 27, 2027 for WCMA
 - The plan for updating these studies is under development at this time and will be provided in a future update

Tentative Schedule

- SWCT
 - Publish updated Scope of Work report in early May 2018
 - Present Needs Assessment results with the PAC in June 2018
 - Publish draft Needs Assessment in July 2018
 - Finalize Needs Assessment in September 2018
- Maine and NH
 - Publish updated Scope of Work report in early May 2018
 - Present Needs Assessment results with the PAC in July 2018
 - Publish draft Needs Assessment in August 2018
 - Finalize Needs Assessment in October 2018
- WCMA and SEMA/RI
 - Plan is under development

Questions

