

B507 North Sub-zone Redistricting Project Overview

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Agenda

- History/Background
- 2018 Timeline and project scope
- Next Steps/Questions

History/Background

- NYISO was notified in 2003 of significant Unaccounted for Energy (UFE) in the NYPA North Subzone due to improper Sub-zonal boundaries
- In order to properly calculate the subzone load required redistricting the NYPA and NMPC subzones
- NYISO system limitations prevented logical and effective modifications of sub-zone boundaries

History/Background

- To address the issue, the Metering Authorities manually tracked and reported the UFE MWs
- A full analysis to determine a long term technical solution was completed in 2010, but was found to be cost, resource and time prohibitive
- In 2015 a NYISO technical team was assembled to deliver a Market Design Concept (MDCP) to determine if there was a less impactful technical solution

History/Background

- **The Market Design Concept developed in 2015 included the following:**
 - Existing MIS tables for Generator and Tie-Line sub-zone relationships are to remain in place
 - Addition of new MIS tables to establish effective dating for Generators and Tie-Lines
 - Existing MIS tables containing Load Bus sub-zone data will utilize an attribute field for effective dating

Project Timeline

- Project formally approved and started in 2016
- Planned for a Q2 2018 deployment
- Changes to take effect on July 1st 2018
- Starting July 1st 2018, the sub-zone boundaries in the North Zone will correctly align and no longer require the manual tracking of UFE MWs

Next Steps

- June 2018 NYISO Software Deployment
- Changes effective July 1, 2018

Questions?

The Mission of the New York Independent System Operator, in collaboration with its stakeholders, is to serve the public interest and provide benefits to consumers by:

- Maintaining and enhancing regional reliability
- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
- Providing factual information to policy makers, stakeholders and investors in the power system



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