

ICAP Manual Revisions: SCR Ambient Weather Adjustment Process

Shashwat Tripathi

Distributed Resources Operations Engineer
Distributed Resources Operations

BIC

May 15, 2024

Agenda

- **Background & Overview**
- **Proposed ICAP Manual Updates**
 - ICAP Manual Section 4.3.3.2
 - ICAP Manual Section 4.3.3.5
 - ICAP Manual Section 4.12.4.9
- **Next Steps**

Background & Overview

Background

- **These proposed ICAP Manual revisions were presented to the ICAPWG on 04/02/2024.**
- **In response to stakeholder feedback, the Ambient Weather Adjustment Template is included with today's meeting materials.**
 - After approval of proposed manual revisions, the template will be posted on www.nyiso.com/demand-response > DR02 - Special Case Resource ICAP Program > SCR Forms & Templates.
- **Ministerial changes to ICAP Manual since the 04/02/2024 ICAPWG meeting are highlighted in yellow in the Redline version posted with today's meeting materials.**

Overview

- **The purpose of this presentation is to vote on the proposed ICAP Manual revisions in Sections:**
 - 4.3.3.2 - Reporting SCR Change of Status,
 - 4.3.3.5 - Procedures for Determining Fluctuations in Load Attributed to Weather, and
 - 4.12.4.9 - Requesting a correction to SCR meter data
- **The revisions clarify the peak monthly demand (PMD) meter data reporting process and the ambient weather adjustment process. The proposed revisions-:**
 - Improve accuracy by incorporating more data from each capability period
 - Maintain the calculations used in the current process, with revised dataset
- **The NYISO will also publicly post a template for weather adjustment data**
- **The proposed revisions provide clarity and improve upon the existing process for Market Participants.**

Proposed ICAP Manual Updates

Proposed Revisions to ICAP Manual Section 4.3.3.2 - Reporting SCR Change of Status

- Section 4.3.3.2 provides detail on the process for reporting a SCR Change of Status
- The proposed revisions to ICAP Manual Section 4.3.3.2 clarify a RIP's data reporting obligations when it reports a SCR Change of Status.
 - All data must be submitted by the deadline identified in the ICAP Event Calendar

Proposed Revisions to ICAP Manual Section 4.3.3.5

- The NYISO proposes to revise the ambient weather adjustment process to use standardized input data, including the maximum load kW value and maximum temperature from each day within the prior equivalent capability period, rather than select days. Proposed revisions to section 4.3.3.5 include:
 - Clarification of Section title;
 - Clarification within the introductory paragraph providing further description and clarification of the ambient weather adjustment process for SCRs with a Change of Status Condition; and
 - Modification and simplification of the steps used to determine if a SCR's load will be adjusted to account for ambient weather conditions
- The NYISO further proposes to post a spreadsheet template for weather adjustment data on the NYISO website, allowing Market Participants to submit their applicable Resource data and calculations within this spreadsheet.

Proposed Revisions to ICAP Manual Section 4.12.4.9

- Clarify that the NYISO will consider correcting Peak Monthly Demand (PMD) data only if it impacts the SCR performance factor in a current or upcoming Capability Period.
- Minor revision to replace mention of Transmission Owner or Meter Services Entity (MSE) with Meter Authority (MA)

Next Steps

- Seek approval of proposed manual revisions

Our Mission & Vision



Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation