

ICAP and EDRP Manual Updates for Demand Response Programs

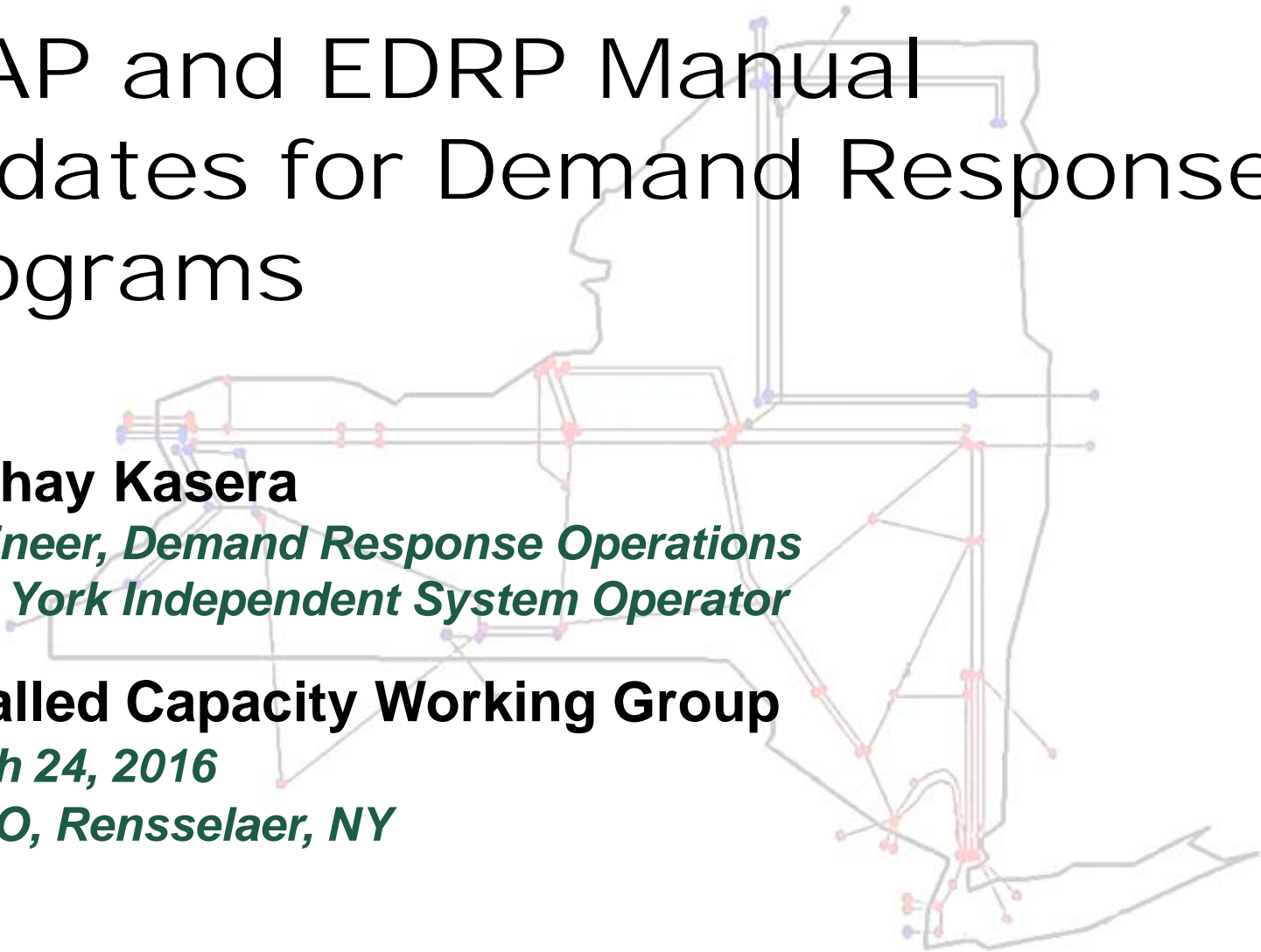
Akshay Kasera

*Engineer, Demand Response Operations
New York Independent System Operator*

Installed Capacity Working Group

March 24, 2016

NYISO, Rensselaer, NY



Overview

- ◆ **NYISO’s Demand Response Operations (“DRO”) team is proposing updates to the ICAP and EDRP Manuals in order to provide transparency of existing practices to Stakeholders**
- ◆ **The EDRP Manual is being recertified**
- ◆ **The NYISO is not proposing any new obligations; all revisions are clarifications and clean-up of existing language**
 - *All clarifications will be discussed*
 - *Ministerial changes and clean-up of existing language are noted at the end of the presentation*

Topics

- ◆ **Revisions to Enrollment Procedures and Data**
- ◆ **Clarifications to SCR Performance Data Reporting**
- ◆ **Meter Data Corrections**
- ◆ **Revisions to Reflect Scarcity Pricing Tariff Language and CBL Calculation**
- ◆ **Additional EDRP Manual Clarifications**
- ◆ **Ministerial Changes & Clean-up**
- ◆ **Next Steps**

Enrollment Procedures and Data – ICAP Manual Revisions

◆ **Section 4.12.2 – General RIP Requirements**

- *Incorporated Technical Bulletin 201 and clarified the process for enrolling SCRs with multiple account numbers located at a single service address*
- *Clarified that a SCR’s Local Generator must only have the approvals needed to operate for the purposes of reducing wholesale Load; removed obsolete language requiring a SCR to have utility interconnection agreements*
- *Described in detail the determination of a SCR’s “Response Type” that must be identified at enrollment (as described in Section 7.3 of the DRIS User’s Guide). Similar update has been made to Section 5.1.2 of the EDRP Manual*

◆ **Section 4.12.4.2 – Provisional ACL Performance Obligations**

- *Added language requiring RIPs to maintain records of compliance with Section 5.1 of the EDRP Manual and of a SCR’s meter installation date*

Enrollment Procedures and Data – ICAP Manual Revisions (cont'd)

- ◆ **Section 4.12.6 – Additional RIP Requirements**
 - *Provided an explanation of the documentation needed to verify a SCR's enrollment information*
 - NYISO already requests this information from RIPs when needed in order to ensure that enrolled SCRs are capable of delivering enrolled capacity
 - DRO is proposing to incorporate these processes into the ICAP Manual to provide greater transparency
 - *Clarified that a RIP must enroll a SCR with its exact service address*
 - *Added language to explain that a SCR's declared value must not exceed the sum of kW Load relief described in the SCR's load reduction plan*

SCR Performance Data Reporting - ICAP Manual Revisions

- ◆ **Section 4.2.2 – SCR-specific DMNC Testing Requirements**
 - *Removed obsolete language requiring RIPs enrolling SCRs with Local Generators to submit DMNC data*
- ◆ **Section 4.12.2 – General SCR Testing Requirements**
 - *Clarified that a SCR enrolling as Response Type G must only report the amount of generation that facilitates Load reduction from the grid during a NYISO event or performance test*
- ◆ **Section 4.12.4 – Performance Obligations for SCRs**
 - *Incorporated Technical Bulletin 164 about requesting SCRs to participate in a Targeted Demand Response Program (TDRP) activation and added reference to Section 6 of the EDRP Manual*

SCR Performance Data Reporting - ICAP Manual Revisions

- ◆ **Sections 4.12.4.3 (Changes to ACL), 4.12.4.5 (Testing of SCRs)**

- *Clarified language that the NYISO will use a SCR's greatest Load reduction across all mandatory event hours and the first performance test hour in a Capability Period for purposes of evaluating the SCR's first test performance*
 - This happens regardless of the timing of a mandatory event with respect to the first performance test

- ◆ **Section 4.12.6 – Additional RIP Requirements**

- *Removed obsolete language regarding submission of operations logs to demonstrate SCR's performance*

Meter Data Corrections

- ◆ **NYISO at times receives requests from RIPs to correct inaccurate meter data (e.g., when a SCR's billing meter data is corrected) submitted for a SCR after the reporting deadline has passed**
- ◆ **DRO employs a process of limited scope to accommodate reasonable cases**
 - *NYISO will consider correcting only meter data that directly affects a SCR's ability to sell in a future capacity auction. Section 4.12.4.9 of the ICAP Manual lays out the timelines and meter data that the NYISO will consider correcting*
- ◆ **NYISO's objective is to use the most accurate data for future capacity auctions, and proposes revisions to Section 4.12.4 to provide transparency to the DRO process**

Scarcity Pricing & Demand Response Payments – ICAP Manual Section

- ◆ **Section 4.12.7 SCR Demand Response Payments**
 - *NYISO proposes removing language made obsolete with the Tariff revisions implemented in 2013 as part of the Enhanced Scarcity Pricing Project (Docket Number ER13-909-000)*
 - **Minimum payment nominations of SCRs are no longer used for setting Scarcity Pricing**
 - *Clarified CBL data reporting process for a SCR that has fewer than five CBL days. Similar update has been made to Section 5.4.2 of the EDRP Manual*

Additional Revisions in the EDRP Manual

- ◆ **Section 2.6 – Compatibility with other NYISO Demand Response Programs**
 - *Renamed the section to better reflect the content*
 - *Removed unnecessary and unhelpful language not related to NYISO DR programs*
 - *Replaced redundant language on calculations of payments for resources with reference to Section 5.4.2 Calculation and Payments of the EDRP Manual*

- ◆ **Section 3.1 – Requirements for CSP Enrollment**
 - *Removed reference to the retired CSP enrollment form*

Language Cleanups and Ministerial Changes

- ◆ **ICAP Manual Sections:**

- *4.3.3.1, 4.3.3.2, 4.4.7, 4.12.2, 4.12.2.1, 4.12.2.1.2, 4.12.2.1.4, 4.12.2.1.5, 4.12.4.1, 4.12.4.2, 4.12.4.3, 4.12.4.4, 4.12.4.5, 4.12.4.6, 4.12.4.8, 4.12.4.10.1, 4.12.6, 4.12.7*

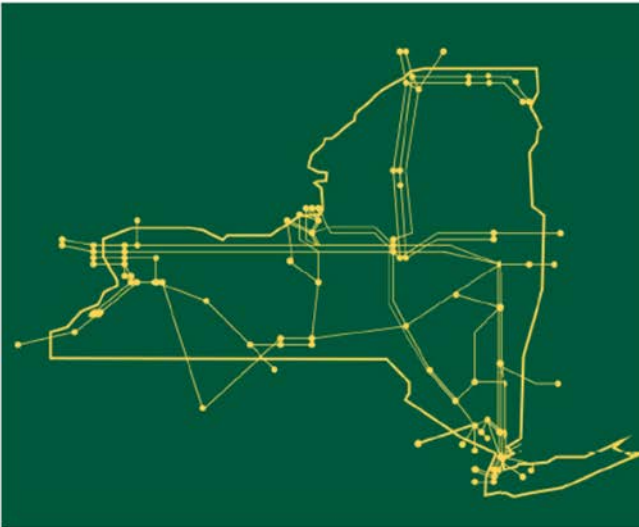
- ◆ **EDRP Manual Sections:**

- *1.2, 2.3, 2.4, 2.5, 2.6, 4.3, 4.4, 5, 5.2.2, 5.2.4, 5.3, 5.4.2*

Next Steps

- ◆ **Comments from Stakeholders**
- ◆ **Return to ICAPWG in April 2016**
- ◆ **Propose changes at the May 2016 BIC**

The New York Independent System Operator (NYISO) is a not-for-profit corporation responsible for operating the state's bulk electricity grid, administering New York's competitive wholesale electricity markets, conducting comprehensive long-term planning for the state's electric power system, and advancing the technological infrastructure of the electric system serving the Empire State.



www.nyiso.com