

# DRIS changes pertaining to the Meter Services Entity implementation

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Jeremiah Brockway

Senior Distributed Resources Operations Engineer

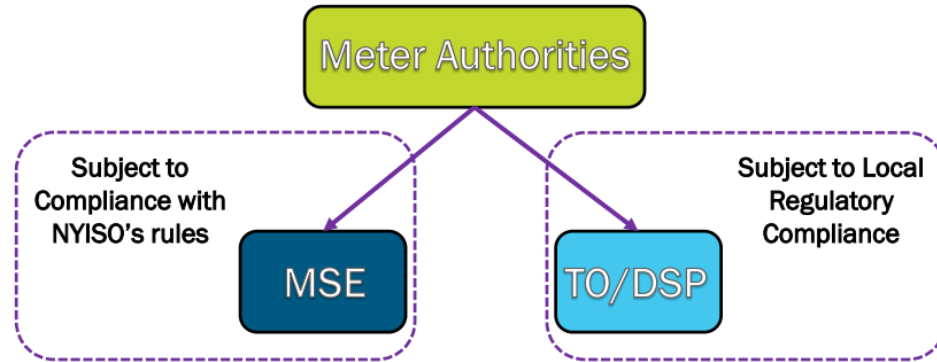
March 2020

# Agenda

- **Overview**
  - Terminology - Meter Authority
  - Terminology - Meter Services Entity
  - DRIS Updates
- **Timeline**
- **DRIS Changes**
  - Required Browser Versions
  - MP Summary
  - Enrollments
  - Event Response
  - Provisional/Incremental ACL

# Overview

# Terminology - Meter Authority



- **Meter Authorities** are the entities responsible for the calibration, maintenance, operation and reporting of meter data from an electric revenue meter used in the wholesale electricity markets
- **Meter Authorities** may be **Transmission Owners (TO)** or **Meter Services Entities (MSE)**

# Terminology - Meter Services Entity

- Eligible to provide Metering and/or Meter Data Services to Responsible Interface Parties (RIPs) and Curtailment Service Providers (CSPs)
- May be a Market Participant or other third-party entity
- Alternative provider of Metering and Meter Data Services to the local Transmission Owner for participation in the NYISO-administered markets
- For additional details on the MSE construct, please see February 20, 2020 BACWG presentation, found here: [Meter Services Entity \(MSE\) Manual & MSE Registration](#)

# DRIS Updates

- **As part of the implementation for Meter Services Entities, NYISO has updated the following features in DRIS, to ensure visibility to the provider or Meter Data:**
  - Market Participant Summary
  - Enrollments
  - Event Response
  - Provisional and Incremental ACL
- **A column called “Meter Authority” will be added to various screens, import and export files in DRIS**
  - The Meter Authority column will be populated by the RIPs/CSPs with a 3-character abbreviated name of the entity providing Metering or Meter Data Services for the Resource
  - The 3 character abbreviated name of all approved Meter Services Entities and Transmission Owners will be posted on the NYISO website with the list of authorized MSE

# Timeline

# Timeline

- **March 1, 2020 – NYISO began accepting Meter Services Entity Registration Packets**
- **March 10, 2020 – DRIS Updates go live**
  - Event Response, Enrollment, and ACL Verification import files will include one additional column, the Meter Authority column
  - Providing a Meter Authority in DRIS for Event Response, Enrollment and ACL Verifications imports will be optional during the first capability period to facilitate the transition from Technical Bulletin-247 to the MSE rules
- **March 24, 2020 to April 8, 2020 – May 2020 SCR/EDRP Enrollment Period**
  - First Enrollment Period where SCR/EDRP Enrollment Import file will include the changes highlighted in this presentation
- **April 30, 2020 – TB-247, pertaining to RIPs & CSPs Meter Data Submissions, will be retired**
- **May 1, 2020 – MSE rules goes live**
- **September 23, 2020 – November 2020 SCR/EDRP Enrollment Period Opens**
  - Meter Authority column on Event Response, Enrollment and ACL Verification imports will be required



# Data Submission

Operating Day - May 1, 2020



- **For any hour beginning prior to HB00 on Operating Day May 1, 2020**
  - Meter data from MSP/MDSP as specified in TB-247 or from the TO is acceptable
  - Data for an hour beginning prior to HB00 on Operating Day May 1, 2020 may be required to be submitted after May 1, 2020, pursuant to the ISO tariffs and procedures
- **Beginning at HB00 on Operating Day May 1, 2020**
  - Meter data from MSE or TO will be accepted
  - All data submitted for an operating day beginning with May 1, 2020, must be provided by a MSE or TO

# DRIS Updates

# Required Browser Versions

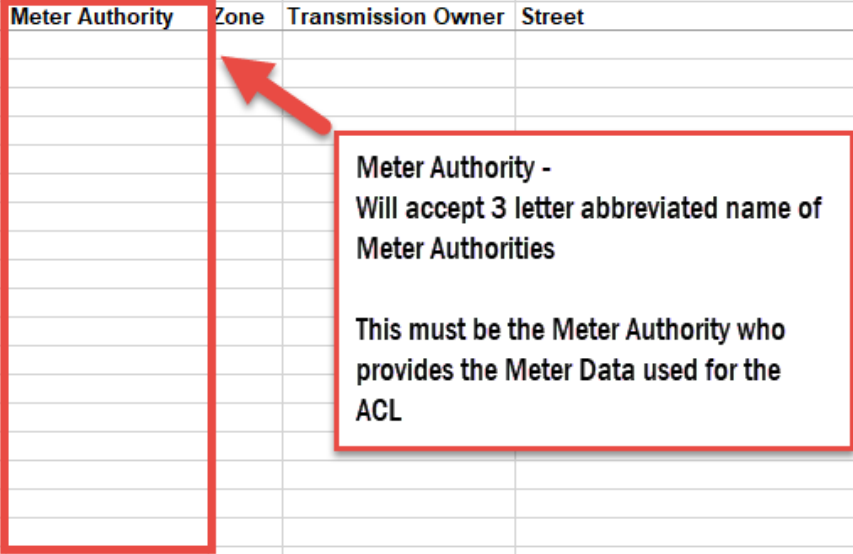
- **DRIS supported in the following browsers and versions:**
  - Microsoft Internet Explorer - version 11
  - Mozilla Firefox – latest version
  - Google Chrome – latest version

# Enrollments

- **The NYISO has made the following updates:**
  - Enrollment Import File
    - Added new column titled Meter Authority
  - Enrollment Request screen
    - Added new column titled Meter Authority to Enrollment Request Details window
  - Monthly Details screen
    - Added new column titled Meter Authority
    - Added Meter Authority filter
  - Enrollment Export File
    - Added new column titled Meter Authority

# Enrollments – Enrollment Import File

	A	B	C	D	E	F	G
1	Effective Date=05/01/2020&						
2	Program=SCR&						
3	Resource ID	Resource Name	TO Account Num	Meter Authority	Zone	Transmission Owner	Street
4							
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22							



**Meter Authority -**  
Will accept 3 letter abbreviated name of  
Meter Authorities

This must be the Meter Authority who  
provides the Meter Data used for the  
ACL

# Enrollments – Enrollment Import File

- **When importing Resources, there are few items to consider:**
  - Resources using a Provisional ACL must leave the Meter Authority field blank
    - A Meter Authority value must not be provided as there is no Meter Data provided for this type of Enrollment
  - Resources requesting an ACL must leave the Meter Authority field blank
    - A Meter Authority value must not be provided as there is no Meter Data provided for this type of Enrollment

# Enrollments – Enrollment Request

**Demand Response Information System**  
Resource Enrollment Requests

MP Name: [ ] Resource ID: [ ] Capability Period: Summer 2020 Program: [ ] Reason for Request: [ ]  
Submittal From Date: [ ] Month: [ ] Status: [ ] Doc Vault Status: [ ] Display: [ ]

**Enrollment Requests Summary**

MP	Resource ID	Resource Name	Begin Effective Date	Prog.	Duplicate or Monitored Status	Use Existing ACL Data Status	Duplicate Enrollme.	Monitored Fields	Use Existing ACL Data	Doc Vault Status	Comments	Submittal Date	Submitted By	Duplicate or Monitored		Use Existing ACL	
														Status Update D..	Status Update By	Status Update D..	Status Update By

**Enrollment Requests Details**

MP	Resour...	Resource Name	TO Account Num	Meter Authority	Begin Effective ...	Prog.	Duplicate or Monitored Status	Use Existing ACL Data Status	Duplicate Enrollme.	Monitored Fields	Use Existing ACL Data	Doc Vault Status	Reasons for Pending Request	Zone	Transmis	Facility Zip
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Meter Authority - Will display the 3 letter abbreviated name of Meter Authorities used during the enrollment of Resources

The exported Excel file will also include the Meter Authority column

# Enrollments – Monthly Details

**Meter Authority Filter -**  
When applied will return Resources that have been enrolled with the chosen Meter Authority

**Meter Authority -**  
Will display the 3 letter abbreviated name of Meter Authorities used during the enrollment of Resources

**The file exported when selecting the down arrow > download will also include the Meter Authority column**

**ISO NEW YORK INDEPENDENT SYSTEM OPERATOR**  
Demand Response Information System  
Resource Monthly Details

Main • MP • Resource • SCR • Performance Factors • DR Event • Mitigation • Tables • Notification • DSASP • BTM

MP Name: [ ] Resource ID: [ ] Capability Period: Summer 2020 Program: [ ] Aggregation: [ ]  
TO: [ ] Auction Month: [ ] Zone: [ ] Status: [ ] Display [ ]  
Meter Authority: [ ]

Monthly Details

Resource	Resource Name	TO Account Number	Meter Authority	Month	Begin Effective Date	End Effective Date	Status	Prog...	Floor Price in Effect	Subscribed	Subscribed	Raw Perf	ICAP	Trans
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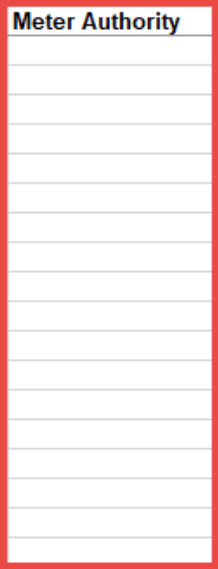
No data to display. Capability Period Enrollment

New York ISO



# Enrollments – Enrollment Export File

	A	B	C	D	E	F	G
1	Effective Date=05/01/2020&						
2	Program=SCR&						
3	Resource ID	Resource Name	TO Account Num	Meter Authority	Zone	Transmission Owner	Street
4							
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22							



**Meter Authority -**  
Will display the 3 letter abbreviated name of Meter Authorities used during the enrollment of Resources

# Event Response

- **The NYISO has made the following updates:**
  - Event Response Import File
    - Added new column titled Meter Authority
  - Event Response Details screen
    - Added new column titled Meter Authority to Resource Responses to Events window
  - Energy Payments Export File
    - Added new column titled Meter Authority

# Event Response - Event Response Import File

	A	B	C	D	E	F	G
1	event type=NYISO Event&						
2	program=SCR&						
3	start date=5/01/2020 12:00&						
4	Resource ID	TO Account Num	Meter Authority	Performance Only Flag	CBL Date 1	CBL Include Indicator 1	CBL Date 2
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

**Meter Authority -**  
Will accept 3 letter abbreviated name of  
Meter Authorities

**This must be the Meter Authority who**  
provides the Meter Data for the Event  
Response submission

# Event Response – Event Response Details Screen

**Demand Response Information System**  
Event Response Details

Capability Period: Summer 2020    Zone:    Resource ID:    Status:    Event:    MP:    Aggregation:    Reporting:    Display

Event	Resource ID	Resource Name	Meter Authority	Program	Aggregation ID	Proxy Text	Provisional ACL	Incremental ACL	Response Status	Reason for Und.	Submittal Date	Submitted By	Performance Only	Prepared for Se.	Invoiced	Last Update Date
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**Meter Authority -**  
Will display the 3 letter abbreviated name of Meter Authorities used for the Event Response submission

The file exported when selecting the down arrow > download will also include the Meter Authority column

**Event Information**

Type:    Program:    Zones:    Enrollment Hourly Meter Data    CBL Dates    Hourly Billing Data

Event Dates:    Performance Hours:    Response Submittal Dates:

Start:    First:    Last:    End:

Payment Hours:    CBL Dates:

First:    Last:    Start:    End:

Total count: 0    Excel

# Event Response - Energy Payments Export File

	A	B	C	D	E	F	G	H
1	Start Date of Event	5/1/2020 12:00						
2	End Date of Event	5/1/2020 13:00						
3	Program	SCR						
4	Zones	J						
5	Invoice Version	1						
6								
7								
8	MP Name	Resource ID	Resource Name	TO Account Number	Meter Authority	Aggregation ID	Strike Price	Zone
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								

**Meter Authority -**  
Will display the 3 letter abbreviated name of Meter Authorities used for the Event Response submission

# Incremental/Provisional ACL

- **The NYISO has made the following updates:**
  - Incremental ACL Verification Import File
    - Added new column titled Meter Authority
  - Incremental ACL screen
    - Added new column titled Meter Authority to Resource Incremental ACL Comparison to Verification Data window
  - Provisional ACL Verification Import File
    - Added new column titled Meter Authority
  - Provisional ACL screen
    - Added new column titled Meter Authority to Resource Provision ACL Comparison to Verification Data window

# Incremental/Provisional ACL - Incremental ACL Verification Import File

	A	B	C	D	E	F	G	H	I
1	Capability Period=Summer 2020&								
2	Program=SCR&								
3	Resource ID	Resource Name	TO Account Num	Meter Authority	Zone	Month	Hour 1	Hour 2	Hour 3
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5									
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**Meter Authority -**  
Will accept 3 letter abbreviated name of  
Meter Authorities

This must be the Meter Authority who  
provides the Meter Data for the  
Incremental ACL Verification submission

# Incremental/Provisional ACL – Incremental ACL Screen

**Demand Response Information System**  
Incremental Summary

MP Name: [ ] Resource ID: [ ] Capability Period: Summer 2020 Zone: [ ] Shortfall: [ ]  
Transmission Owner: [ ] Auction Month: [ ] Status: [ ] Reporting: [ ] Display [ ]

Resource Incremental ACL Comparison to Verification Data

Resource ID	Resource Name	Account Number	Meter Authority	Auction Month	Capability Period	MP Name	Zone	ACL kW	Shutdown kW	Incremental kW	Net ACL kW	Monthly ACL	Verified ACL Basis	Verified ACL kW	Raw Shortfall kW	UCAP Equivalent of Shortfall kW	Auction Sales kW	App Short
No data to display																		

ACL Details

Resource ID	Peak Load Date and HB	ACL kW	TO Add-back kW	Reporting TO	DADRP Add-back kW	DSASP Baseline kW	Total kW =	Used in ACL Calculation	Calculation Basis	Monthly ACL kW
Total count: 0										


**Meter Authority - Will display the 3 letter abbreviated name of Meter Authorities used for the Incremental ACL Verification**

**The file exported when selecting the down arrow > download will also include the Meter Authority column**



# Incremental/Provisional ACL - Provisional ACL Verification Import File

	A	B	C	D	E	F	G
1	Capability Period=Summer 2020&						
2	Program=SCR&						
3	Resource ID	Resource Name	TO Account Num	Meter Authority	Meter Installation Date	Zone	ACL kW for Peak Load Date Hour 1 12/18/2019 17
4							
5							
6							
7							
8							
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14							
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**Meter Authority -**  
Will accept 3 letter abbreviated name of  
Meter Authorities

**This must be the Meter Authority who  
provides the Meter Data for the  
Provisional ACL Verification submission**

# Incremental/Provisional ACL – Provisional ACL Screen

**Resource Provisional ACL Comparison to Verification Data**

Resource ID	Resource Name	Account Number	Meter Authority	Auction Month	Capability Period	HP Name	Zone	Provisional ACL kW	Shutdown kW	Net Provisional ACL kW	Verified ACL kW	Raw Shortfall kW	UCAP Equivalent of Shortfall kW	Auction Sales kW	Applicable Shortfall kW
No data to display															

**ACL Details**

Resource ID	Peak Load Date and HB	ACL kW	TO Add-back kW	Reporting TO	DADSP Add-back kW	DEASP Baseline kW	Total kW =	Used in ACL Calculation	Calculation Basis	Verified ACL kW
No data to display										

Total count: 0 Excel

Meter Authority - Will display the 3 letter abbreviated name of Meter Authorities used for the Provisional ACL Verification

The file exported when selecting the down arrow > download will also include the Meter Authority column

# Questions?

Contact NYISO Stakeholder Services at:  
[stakeholder\\_services@nyiso.com](mailto:stakeholder_services@nyiso.com)

# Our mission, in collaboration with our stakeholders, is to serve the public interest and provide benefit 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 policymakers, stakeholders and investors in the power system



# Appendix

# Meter Authority Abbreviations for Transmission Owners

Transmission Owner	Meter Authority Abbreviation
Central Hudson Gas and Electric	CHG
Consolidated Edison	CEC
Long Island Power Authority	LIP
National Grid	NMP
New York State Gas & Electric	NYS
Orange & Rockland Utilities	ORU
Rochester Gas & Electric	RGE