

Part 5 – DSASP Resource Registration for MIS Demand Response Information System (DRIS) Training for March 2013 Deployment

Michael Lavillotti

Product Business Analyst

New York Independent System Operator

Tuesday, March 5th, 2013 09:00 AM – 12:00 PM

Thursday, March 14th, 2013 01:00 PM – 04:00 PM

Web Ex - Rensselaer, NY

Training Topics

- ◆ Part 1: Introduction to DRIS
 - *DRIS User Requirements*
 - *User Privileges*
 - *Access to DRIS*
- ◆ Part 2: DSASP Overview
- ◆ Part 3: DSASP Resource Enrollment in DRIS
 - *Export Enrollment File*
 - *Import DSASP Resources*
 - *Resource Import Validations*
 - *Manage Import Results*
- ◆ Part 4: DSASP Aggregations in DRIS
 - *View DSASP Aggregations and Resources*
 - *DSASP Resource Enrollment Statuses*
 - *Manage DSASP Aggregations*
- ◆ Part 5: DSASP Resource Registration for MIS
 - *Export DSASP Resource Report from DRIS*
 - *Submit DSASP Registration Report*
- ◆ Part 6: Submitted Aggregations in DRIS
 - *View History of Submitted Aggregations*
- ◆ Part 7: View DSASP Resource Enrollment in DRIS
- ◆ Part 8: Deployment
 - *Additional Training Sessions*
 - *Deployment Activities*

Prerequisites to DSASP Resource Registration with MIS

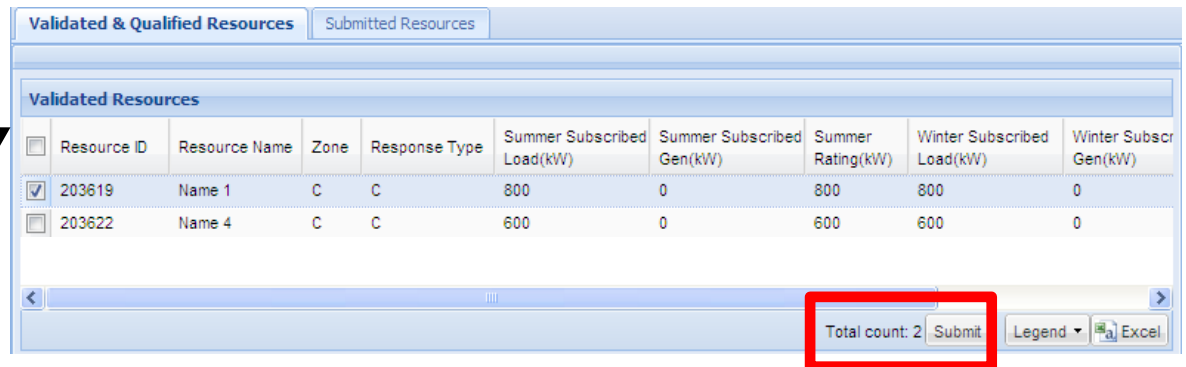
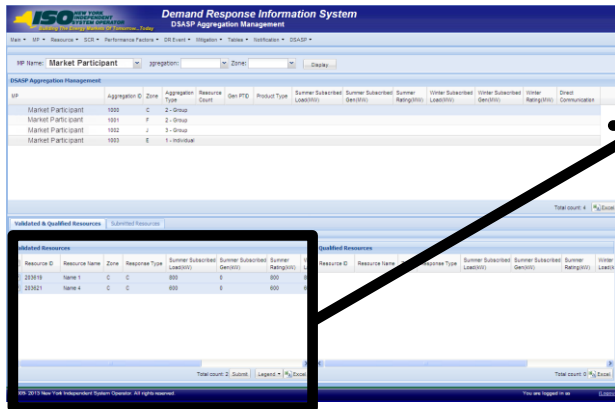
- ◆ Prior to registering DSASP Resources with NYISO Member Relations, Market Participants must have completed the following:
 - *Export DRIS DSASP Resource Report*

DSASP Resource Management

- ◆ From the DSASP Menu select Aggregation Management

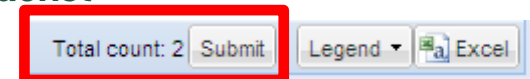


- ◆ Select individual resources to participate in the aggregation
 - *“Select” resources to include them in the aggregation*
 - *“De-select” resources to remove from aggregation*



- ◆ Select “Submit”

- *Include export of DSASP Resource Report with the NYISO Demand Side Ancillary Service Program (DSASP) Resource Registration Packet*



DSASP Resource Report

- ◆ **Successful validation of the DSASP Aggregation in DRIS produces the “DRIS DSASP Resource Report”**
 - *Report is exported as a read-only Excel file*
 - *Report size and number of pages will be dependent upon the number of Demand Side Resource(s) within a DSASP Resource/Aggregation*
 - **Three possible sections**
 - **Minimum number of pages is two**
 - **Maximum is defined by DSR count in Aggregation**

DSASP Resource Report

◆ Submittal ID

- *Unique value assigned to each Submittal performed for an Aggregation*
 - Automatically assigned by DRIS
 - Represents both the Aggregation and the individual resources during the Submittal phase
 - Used for tracking and identification of aggregation registration paperwork for MIS
 - Required for requesting a cancellation

DSASP Resource Report

- ◆ **DRIS Demand Side Resource (DSR) Enrollment Status of Submitted**
 - *Represents a DSR in the process of becoming Qualified for participation in the market*
 - A DSR cannot be updated while in the Submitted state
 - A DSR must become Qualified or the Submitted aggregation must be canceled by the NYISO before actions may be taken to change individual DSR values or manage the Submitted aggregation
 - Only one active submission may exist for an aggregation
 - Submissions made in error will need to be canceled by NYISO Stakeholder Services
 - To cancel a submittal, contact Stakeholder Services at 518-356-6060

DSASP Resource Report

- ◆ **Contains three possible sections:**
 - ***Section 1: DSASP Aggregation Submittal Report***
 - Aggregation and Submittal IDs
 - Resource values for those being added or updated for the aggregation
 - MW calculations
 - Signature and date fields for DSASP Provider to complete
 - ***Section 2: DSASP Resource Type, Bid Privileges and Unit Commitment Parameters***
 - Aggregation and Submittal IDs
 - Fields for Product Type, Aggregation Type (Group or Individual), Generator Limits and Bid Flags
 - Signature and date fields for DSASP Provider to complete
 - ***Section 3*: Demand-Side Resource Removal Summary***
 - Aggregation and Submittal IDs
 - DSR values for resources being removed from the aggregation

***Section 3 will be blank when no DSRs are being removed from the DSASP Resource. Section 3 is for MP records only, not required by the NYISO.**

DSASP Resource Report Section 1

- ◆ **DSASP Aggregation Submittal Report Data**
 - ***Populated by DRIS***
 - **Submittal ID**
 - **Numeric value which changes with each Submittal**
 - **DSASP Agg ID**
 - **Numeric value which is constant for the Aggregation**
 - **Generator PTID**
 - **Numeric value which will not be included on the first submission. Any subsequent submissions after registration has been completed will contain this value from DRIS**
 - **DRIS Resource ID**
 - **Resource Name**
 - **Zip Code**
 - **TO Account #**
 - **Seasonal Total MWs**
 - **Seasonal MWs for the specific Submittal**
 - **Change From Inception**
 - **Change in Seasonal MWs since first Submittal**
 - **Change From Last**
 - **Change in Seasonal MWs last Submittal**

DSASP Resource Report Section 1 continued

- ◆ **DSASP Aggregation Submittal Report Data**
 - *Required to be populated by Market Participant*
 - **Provider Name**
 - **Provider Signature**
 - **Provider Company Name**
 - **Date Signed**

Sample DSASP Resource Report Section 1

DRIS = Value will be populated by DRIS
 All others to be filled out by DSASP Provider

DSASP Aggregation Submittal Report Date: 09/27/2013

Part 2: DSASP Demand Side Resource(s) Reporting: DRIS Form Page 1 of 2

Submittal ID:	DRIS
DSASP Agg ID:	DRIS
Generator PTID:	DRIS

DRIS Resource ID	Resource Name	Zip Code	TO Account #	Summer kW	Winter kW
DRIS	DRIS	DRIS	DRIS	DRIS	DRIS

Section 1 will always be produced by DRIS unless all DSR(s) are being *REMOVED* from the Qualified Aggregation. If produced, *SEND* this section to the NYISO.

		Summer	Winter
MW:	Total*	DRIS	DRIS
Change From Inception*		DRIS	DRIS
Change From Last*		DRIS	DRIS

*Totals will be on final page of DSASP Aggregation Submittal Report

Authorized DSASP Demand Reduction Provider Signature	To be completed by DSASP Provider	Date Signed	To be completed by DSASP Provider
Authorized DSASP Demand Reduction Provider Printed Name	To be completed by DSASP Provider	DSASP Demand Reduction Provider Company Name	To be completed by DSASP Provider

Return Completed and Signed form to: Member Relations, NYISO, 10 Krey boulevard, Rensselaer, NY 12144

DSASP Resource Report Section 2

- ◆ Resource Type, Bid Privileges and Unit Commitment Parameters
 - *Populated by DRIS*
 - Submittal ID
 - DSASP Agg ID
 - Generator PTID
 - DSASP Aggregation Type
 - DSASP Product Type
 - Seasonal MW Ratings
 - *Required to be populated by Market Participant*
 - Physical Min Gen
 - Response Rates
 - Appropriate DAM Flags
 - Appropriate RTM Flags
 - Provider Name
 - Provider Signature
 - Provider Company Name
 - Date Signed

Sample DSASP Resource Report Section 2

DRIS = Value will be populated by DRIS
 All others to be filled out by DSASP Provider

DSASP Resource Submittal				
Resource Type, Bid Privileges and Unit Commitment Parameters			Date: 09/27/2013	
			Page 2 of 2	
Part 2: DSASP Demand Side Resource(s) Reporting: DRIS Form		Submittal ID:	DRIS	
		DSASP Agg ID:	DRIS	
		Generator PTID:	DRIS	
DSASP Aggregation Type:		DRIS	DSASP Product Type:	
		DRIS	DRIS	
Generator Limits		Bids	DAM	RTM
Summer MW Rating	DRIS	Dispatch Energy	*	*
Winter MW Rating	DRIS	10 min Spin	*	*
Physical min Gen (MWs)	*	30 min Spin	*	*
Emergency Response Rate (MWs/Min)	*	10 min Non-Sync	*	*
Max Regulation Response Rate (MWs/Min)	*	30 min Non-Sync	*	*
Normal Response Rate (MWs/Min)	*	Regulation Control	*	*
*Subject to NYISO Gen Bid Rules				
Authorized DSASP Demand Reduction Provider Signature	To be completed by DSASP Provider		Date Signed	To be completed by DSASP Provider
Authorized DSASP Demand Reduction Provider Printed Name	To be completed by DSASP Provider		DSASP Demand Reduction Provider Company Name	To be completed by DSASP Provider
Return Completed and Signed form to: Member Relations NYISO, 10 Krey boulevard, Rensselaer, NY 12144				

* To be completed by DSASP Provider
 If not applicable, enter "N/A"

Section 2 will ALWAYS be produced when selecting to Submit and is required to be sent to the NYISO.

DSASP Resource Report Section 3

- ◆ Demand Side Resource Removal Summary
 - *Populated by DRIS*
 - Submittal ID
 - DSASP Agg ID
 - Generator PTID
 - DRIS Resource ID
 - Resource Name
 - Zip Code
 - TO Account #
 - Resource Summer kW
 - Resource Winter kW
 - Seasonal Aggregation MW
 - *Required to be populated by Market Participant*
 - None

***Section 3 will be blank when no DSRs are being removed from the DSASP Resource. Section 3 is for MP records only, not required by the NYISO.**

Sample DSASP Resource Report Section 3

DRIS = Value will be populated by DRIS

Date: 09/27/2013

Demand-Side Resource Removal Summary					
					Submittal ID: DRIS
					DSASP Agg ID: DRIS
					Generator PTID: DRIS
*These Resources will be removed from this Aggregation					
DRIS Resource ID	Resource Name	Zip Code	TO Account #	Summer kW	Winter kW
DRIS	DRIS	DRIS	DRIS	DRIS	DRIS
				<u>Summer</u>	<u>Winter</u>
Total MW Being Removed:				DRIS	DRIS

***Section 3 will be blank when no DSRs are being removed from the DSASP Resource. Section 3 is for MP records only, not required by the NYISO.**

*Do not include this form with the DSASP Resource Report submitted to the NYISO
Please keep this document for your own records.

DSASP Resource Registration

- ◆ **Combined DSASP Resource Registration Documents:**
 - *Sent to NYISO by Market Participant*
 - *MPs will be contacted by NYISO Stakeholder Services once registration is validated*
 - *During Submission Process*
 - Cannot update DSRs included in the active Submission for the aggregation
 - Cannot generate a new Submission for the aggregation
- ◆ **Option to Cancel Submission**
 - *Contact NYISO Stakeholder Services to cancel the active Submission for the aggregation*
- ◆ **Submittal ID will be end-dated in DRIS when the DSASP Resource has passed pre-qualification test**
 - *All associated DSRs of the DSASP Resource will have an Enrollment Status of Qualified*

Submittals for DSASP Registration

- ◆ **First Submission of the Aggregation**
 - *Include Sections 1 and 2 of the DRIS DSASP Resource Report with the DSASP Resource Registration Packet sent to Member Relations*

- ◆ **Subsequent Submissions of the Aggregation**
 - *Send only Sections 1 and 2 of the DRIS DSASP Resource Report to Member Relations on all subsequent updates to an aggregation*

- ◆ **Types of updates requiring a submittal include:**
 - *Addition/Removal of resources from the DSASP Resource*
 - *Changes to resource MW values*

Form should be sent to NYISO's Member Relations

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.



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