

Part 3 – Incremental ACL Verification Demand Response Information System (DRIS) Training for October 2014 Deployment

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Thursday, October 16th, 2013 09:30AM – 11:30 AM

Wednesday, October 29th, 2013 01:30 PM – 03:30 PM

Web Ex - Rensselaer, NY

Training Topics

- ◆ **Part 1: Introduction to DRIS**
 - *DRIS User Requirements*
 - *User Privileges*
 - *Access to DRIS*

- ◆ **Part 2 : SCR Change of Status**
 - *Change of Status Functionality*
 - *Types of Change of Status*
 - *Viewing Change of Status in DRIS*
 - *Reporting Change of Status*
 - *Change of Status Summary*

- ◆ **Part 3: Incremental ACL Verification**
 - *Import Process*
 - *Managing Exceptions*
 - *Monthly Top Hours*
 - *Incremental ACL Screen*

- ◆ **Part 4: Resource and MP Level Shortfall Data**
 - *Viewing Shortfall Data*
 - *Shortfall Summary Screen*
 - *Greatest Deficiency*
 - *Shortfall Type*
 - *RIP Portfolio Performance Shortfall*
 - *Summary of RIP Portfolio Performance Shortfall*

- ◆ **Part 5: Updates to DRIS Functionality**
 - *Provisional ACL Summary Screen*
 - *Current Functionality*
 - *“No Verified Data”*
 - *Provisional ACL Details Screen*
 - *Resource Responses to Event*
 - *“Failure to Report”*
 - *“Failure to Report to 2nd Test”*
 - *View Event Response Details*

- ◆ **Part 6 : Deployment**
 - *Additional Training Sessions*
 - *Deployment Activities*

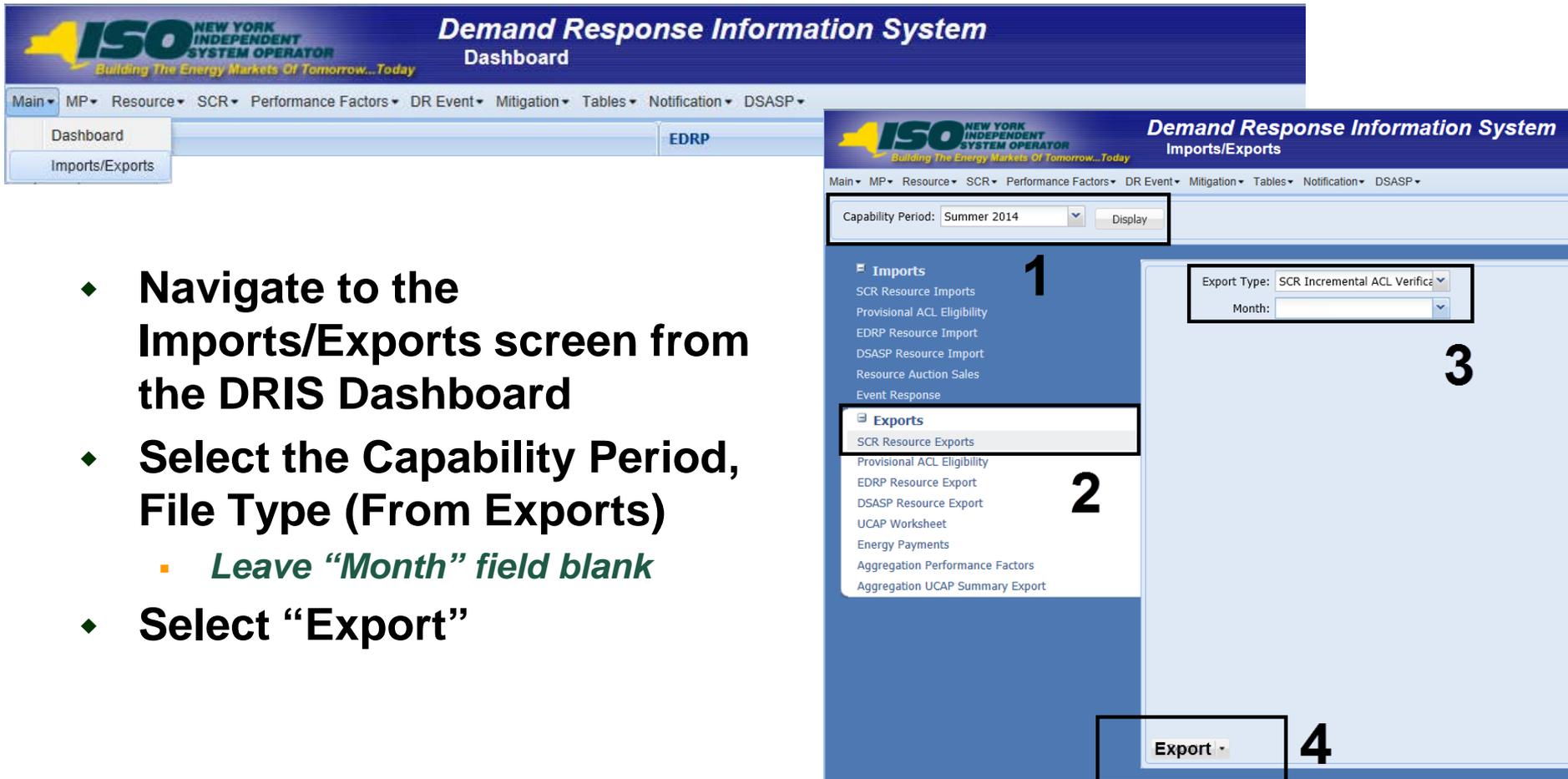
Prerequisite to Importing SCR Incremental ACL Verified Metered Load Data

- ◆ **Prior to importing SCR Resource's Incremental ACL verified metered load data in DRIS, Market Participants must have successfully imported resources into DRIS for the SCR Program with an Incremental ACL for at least one month in a Capability Period**

Process for Reporting Incremental ACL Verified Metered Load Data

- ◆ **Export the SCR ACL Incremental Verification file template from DRIS**
- ◆ **Populate the exported excel file with the correct resource level information**
- ◆ **Import the SCR ACL Incremental Verification file**
- ◆ **Manage any file import exceptions, when applicable**

Incremental ACL Verification File Template



Demand Response Information System Dashboard

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

Dashboard Imports/Exports EDRP

Demand Response Information System Imports/Exports

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

Capability Period: Summer 2014 Display

Imports 1

- SCR Resource Imports
- Provisional ACL Eligibility
- EDRP Resource Import
- DSASP Resource Import
- Resource Auction Sales
- Event Response

Exports 2

- SCR Resource Exports
- Provisional ACL Eligibility
- EDRP Resource Export
- DSASP Resource Export
- UCAP Worksheet
- Energy Payments
- Aggregation Performance Factors
- Aggregation UCAP Summary Export

Export Type: SCR Incremental ACL Verification 3

Month: []

Export 4

- ◆ Navigate to the Imports/Exports screen from the DRIS Dashboard
- ◆ Select the Capability Period, File Type (From Exports)
 - Leave “Month” field blank
- ◆ Select “Export”

Incremental ACL Verification File

- ◆ **File contains two tabs**

- *Tab 1: Contains Monthly Top 40 Hours for Verification*
 - *Informational tab only*
 - *Only displays Monthly Top 40 Hours for Incremental ACL Verification for the Zone and Month combinations in which the MP Org had resources enrolled with an Incremental ACL*

Incremental ACL Verification File con't

- ◆ **File contains two tabs**
 - *Tab 1: Example of Info Tab*

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Capability Period=Summer 2014&												
2	Program=SCR&												
3			Date/Time										
4	Zone	Month	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11
5	J	May 2014	05/01/2014 11	05/01/2014 12	05/01/2014 13	05/02/2014 12	05/02/2014 13	05/02/2014 14	05/02/2014 15	05/02/2014 16	05/02/2014 17	05/02/2014 18	05/02/2014 19
6	J	June 2014	06/01/2014 11	06/01/2014 12	06/01/2014 13	06/02/2014 12	06/02/2014 13	06/02/2014 14	06/02/2014 15	06/02/2014 16	06/02/2014 17	06/02/2014 18	06/02/2014 19
7	J	July 2014	07/01/2014 11	07/01/2014 12	07/01/2014 13	07/02/2014 12	07/02/2014 13	07/02/2014 14	07/02/2014 15	07/02/2014 16	07/02/2014 17	07/02/2014 18	07/02/2014 19
8	J	August 2014	08/01/2014 11	08/01/2014 12	08/01/2014 13	08/02/2014 12	08/02/2014 13	08/02/2014 14	08/02/2014 15	08/02/2014 16	08/02/2014 17	08/02/2014 18	08/02/2014 19
9	J	September 2014	09/01/2014 11	09/01/2014 12	09/01/2014 13	09/02/2014 12	09/02/2014 13	09/02/2014 14	09/02/2014 15	09/02/2014 16	09/02/2014 17	09/02/2014 18	09/02/2014 19
10	J	October 2014	10/01/2014 11	10/01/2014 12	10/01/2014 13	10/02/2014 12	10/02/2014 13	10/02/2014 14	10/02/2014 15	10/02/2014 16	10/02/2014 17	10/02/2014 18	10/02/2014 19

Incremental ACL Verification File con't

- ◆ **File contains two tabs**

- *Tab 2: Contains a row for each Resource, Month and Zone combination in which a resource was enrolled with an Incremental ACL*
 - *For all Month and Zone combinations for which a resource is listed, populate the “Hour 1” through “Hour 40” fields*
 - *Reference the first tab for the applicable hours for that zone and month*

Incremental ACL Verification File con't

- ◆ **File contains two tabs**

- *Tab 2: Example of Resource Verification Hours Tab*

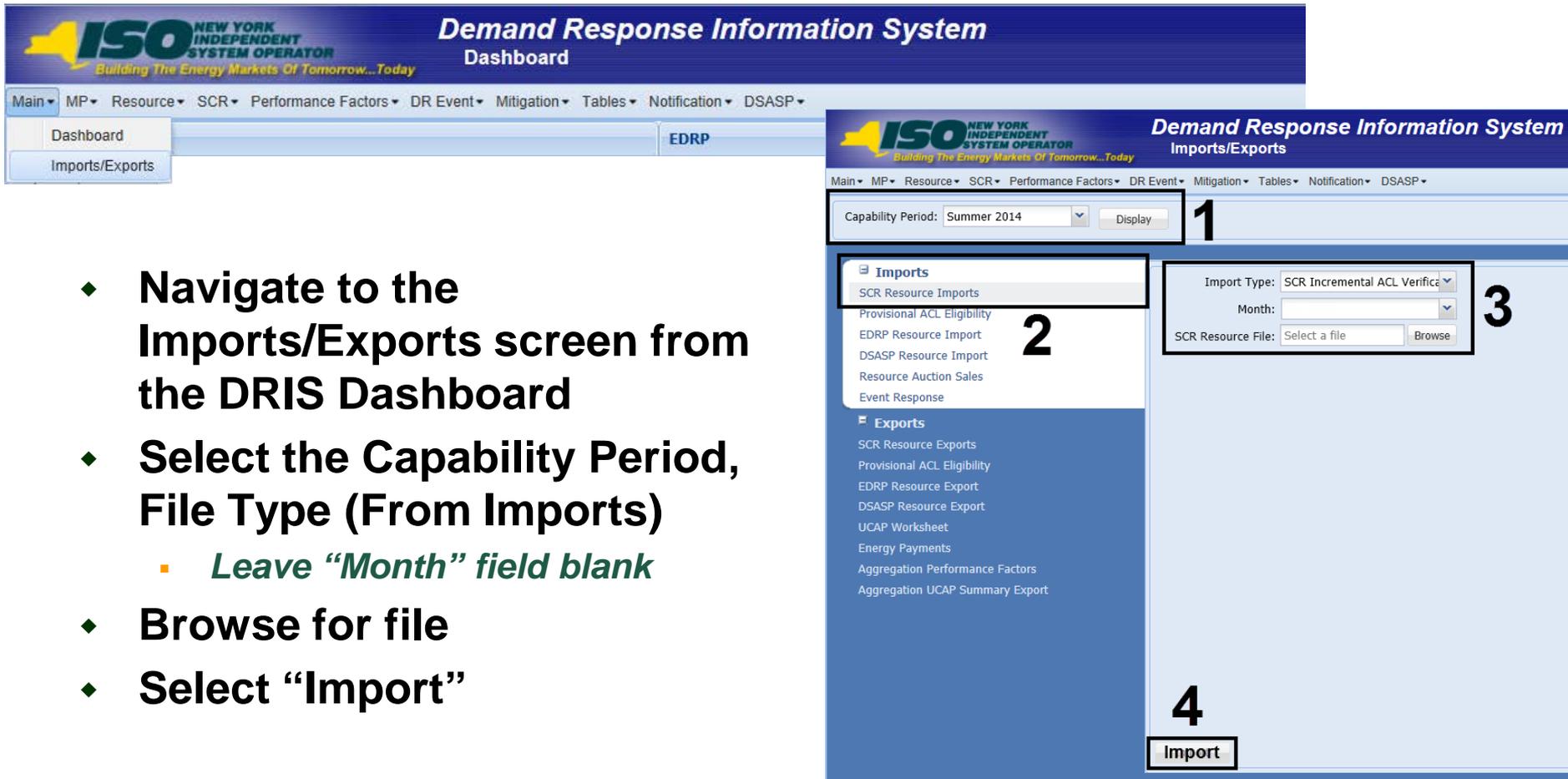
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	
1	Capability Period=Summer 2014&																			
2	Program=SCR&																			
3	Resource ID	Resource Name	TO Account Num	Zone	Month	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour	
4	123456789	Warehouse 1	X987654321	J	October 2014															
5	123456789	Warehouse 1	X987654321	J	September 2014															
6	123456789	Warehouse 1	X987654321	J	August 2014															
7	123456789	Warehouse 1	X987654321	J	July 2014															
8	123456789	Warehouse 1	X987654321	J	June 2014															
9	123456789	Warehouse 1	X987654321	J	May 2014															

- *Before user enters kW values for each Monthly Top Hour*

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	
1	Capability Period=Summer 2014&																			
2	Program=SCR&																			
3	Resource ID	Resource Name	TO Account Num	Zone	Month	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour	
4	123456789	Warehouse 1	X987654321	J	October 2014	100	95	100	95	100	95	100	95	100	95	100	95	100	95	
5	123456789	Warehouse 1	X987654321	J	September 2014	125	120	125	120	125	120	125	120	125	120	125	120	115	125	120
6	123456789	Warehouse 1	X987654321	J	August 2014	125	120	125	120	125	120	125	120	125	120	125	120	115	125	120
7	123456789	Warehouse 1	X987654321	J	July 2014	125	120	125	120	125	120	125	120	125	120	125	120	115	125	120
8	123456789	Warehouse 1	X987654321	J	June 2014	125	120	125	120	125	120	125	120	125	120	125	120	115	125	120
9	123456789	Warehouse 1	X987654321	J	May 2014	90	85	90	85	90	85	90	85	90	85	90	85	80	90	85

- *After user enters kW values for each Monthly Top Hour*

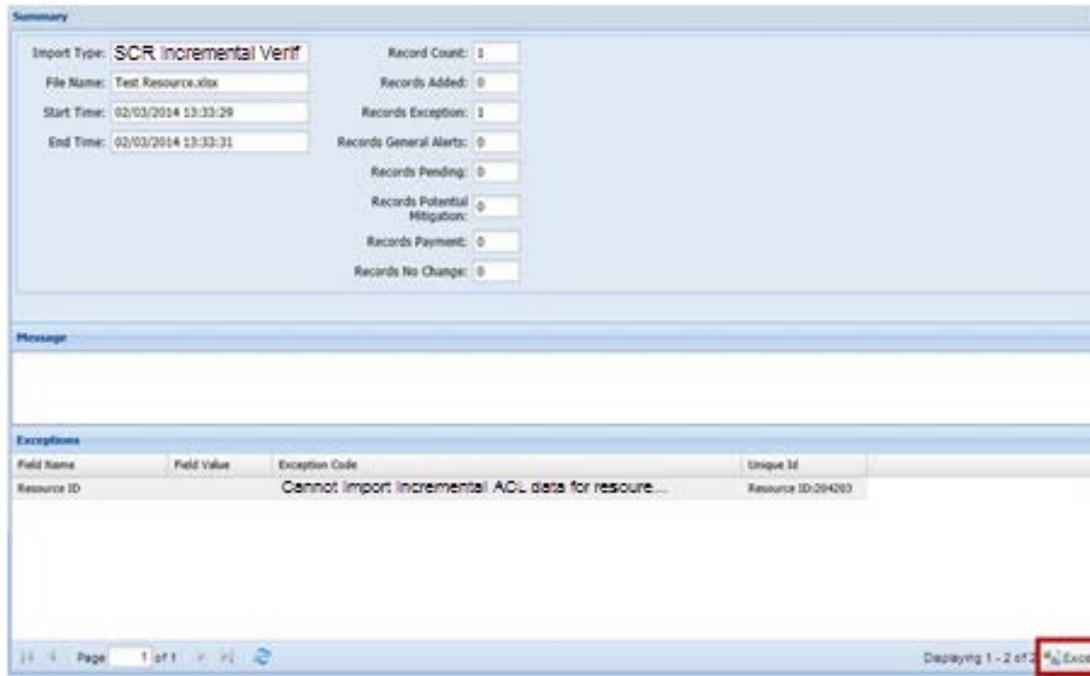
Incremental ACL Verification File Import



The screenshot shows the DRIS interface. The top navigation bar includes 'Main', 'MP', 'Resource', 'SCR', 'Performance Factors', 'DR Event', 'Mitigation', 'Tables', 'Notification', and 'DSASP'. The 'Imports/Exports' screen is displayed, with a 'Capability Period' dropdown set to 'Summer 2014' and a 'Display' button. The 'Imports' section is expanded, showing options like 'SCR Resource Imports', 'Provisional ACL Eligibility', 'EDRP Resource Import', 'DSASP Resource Import', 'Resource Auction Sales', and 'Event Response'. The 'Exports' section is also visible. The 'Import Type' dropdown is set to 'SCR Incremental ACL Verific...', and the 'Month' field is blank. The 'SCR Resource File' field has a 'Browse' button. The 'Import' button is highlighted at the bottom.

- ◆ Navigate to the Imports/Exports screen from the DRIS Dashboard
- ◆ Select the Capability Period, File Type (From Imports)
 - Leave “Month” field blank
- ◆ Browse for file
- ◆ Select “Import”

Incremental ACL Verification Exceptions



■ *Option to export results*

- ◆ **Exceptions may occur during the import process**
- ◆ **View the exception messages, if applicable, modify the Excel file according to the message and re-import**

Monthly SCR Load Zone Peak Hours

- ◆ **Hours found on first tab of import are available in DRIS**
 - *Monthly SCR Load Zone Peak Hours screen will provide the Top 40 Hours for each Month and Zone combination, by Capability Period*
 - *Monthly SCR Load Zone Peak Hours on screen are for informational purposes only*
 - *Hours should not be exported from screen to be used in the Incremental ACL Verification file import process*

Monthly SCR Load Zone Peak Hours con't

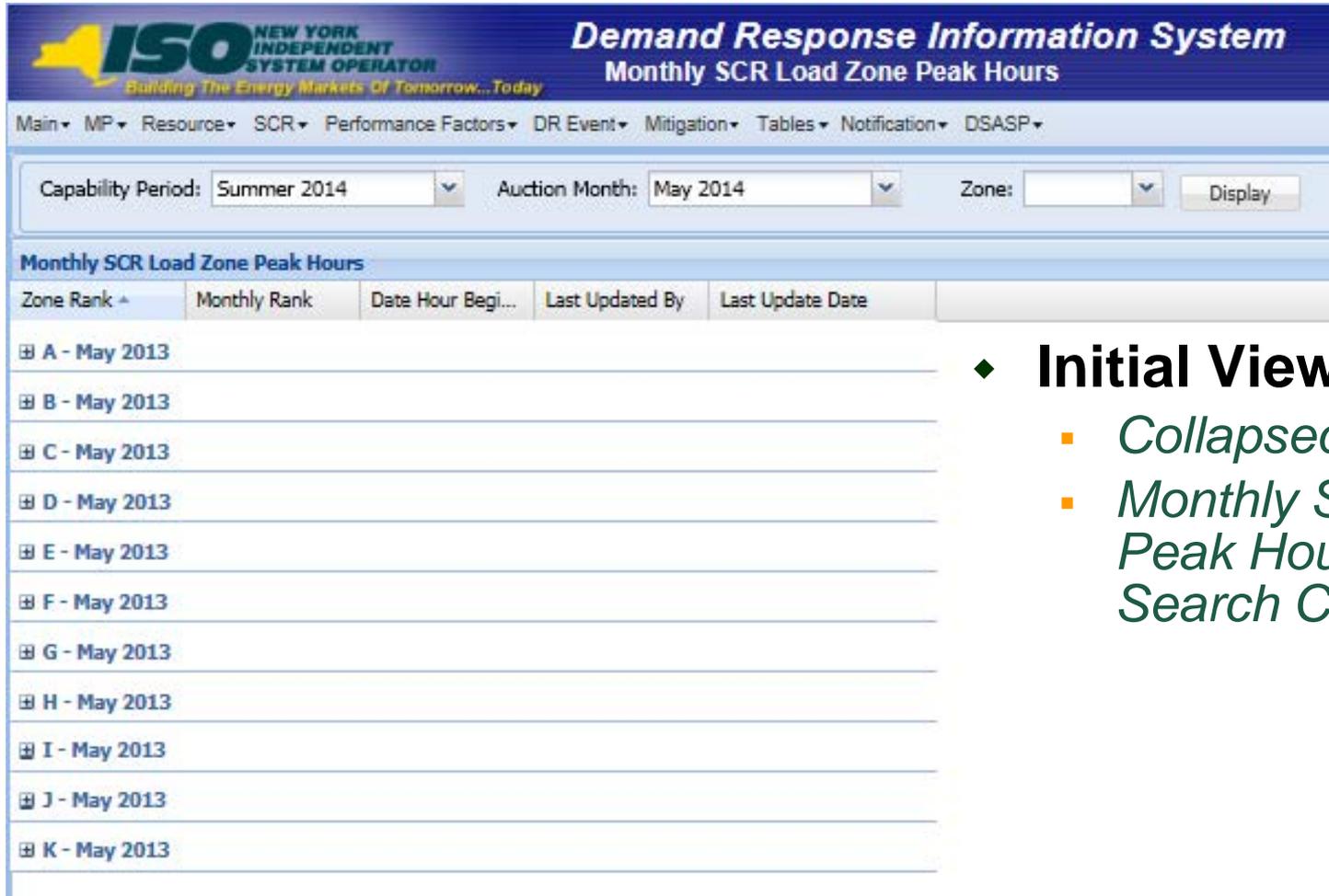


- ◆ **Search Criteria**

- *Capability Period*
- *Auction Month*
- *Zone*



Monthly SCR Load Zone Peak Hours con't



Demand Response Information System
Monthly SCR Load Zone Peak Hours

Capability Period: Summer 2014 Auction Month: May 2014 Zone: [] Display

Zone Rank ^	Monthly Rank	Date Hour Begi...	Last Updated By	Last Update Date
⊞ A - May 2013				
⊞ B - May 2013				
⊞ C - May 2013				
⊞ D - May 2013				
⊞ E - May 2013				
⊞ F - May 2013				
⊞ G - May 2013				
⊞ H - May 2013				
⊞ I - May 2013				
⊞ J - May 2013				
⊞ K - May 2013				

- ◆ **Initial View**

- *Collapsed*
- *Monthly SCR Load Zone Peak Hours which meet Search Criteria*

Monthly SCR Load Zone Peak Hours con't

Demand Response Information System
Monthly SCR Load Zone Peak Hours

Capability Period: Summer 2014 Auction Month: May 2014 Zone: [] Display

Zone Rank	Monthly Rank	Date Hour Begi...	Last Updated By	Last Update Date
A - May 2013				
1	2	05/01/2013 11	NYISO	01/29/2014 09:35:58
2	11	05/02/2013 16	NYISO	01/29/2014 09:35:58
3	14	05/03/2013 15	NYISO	01/29/2014 09:35:58
4	15	05/04/2013 17	NYISO	01/29/2014 09:35:58
5	16	05/05/2013 14	NYISO	01/29/2014 09:35:58
6	20	05/06/2013 16	NYISO	01/29/2014 09:35:58
7	21	05/05/2013 13	NYISO	01/29/2014 09:35:58
8	22	05/08/2013 13	NYISO	01/29/2014 09:35:58
9	23	05/09/2013 11	NYISO	01/29/2014 09:35:58
10	24	05/10/2013 15	NYISO	01/29/2014 09:35:58
11	25	05/11/2013 16	NYISO	01/29/2014 09:35:58
12	27	05/12/2013 18	NYISO	01/29/2014 09:35:58
13	28	05/13/2013 14	NYISO	01/29/2014 09:35:58
14	29	05/14/2013 17	NYISO	01/29/2014 09:35:58
15	30	05/15/2013 15	NYISO	01/29/2014 09:35:58
16	31	05/16/2013 12	NYISO	01/29/2014 09:35:58
17	32	05/15/2013 19	NYISO	01/29/2014 09:35:58
18	33	05/18/2013 18	NYISO	01/29/2014 09:35:58
19	34	05/19/2013 13	NYISO	01/29/2014 09:35:58
20	35	05/20/2013 19	NYISO	01/29/2014 09:35:58
21	36	05/21/2013 14	NYISO	01/29/2014 09:35:58
22	37	05/22/2013 18	NYISO	01/29/2014 09:35:58
23	39	05/23/2013 13	NYISO	01/29/2014 09:35:58
24	41	05/24/2013 19	NYISO	01/29/2014 09:35:58
25	42	05/25/2013 13	NYISO	01/29/2014 09:35:58
26	43	05/26/2013 11	NYISO	01/29/2014 09:35:58
27	44	05/25/2013 16	NYISO	01/29/2014 09:35:58
28	45	05/28/2013 19	NYISO	01/29/2014 09:35:58
29	46	05/29/2013 19	NYISO	01/29/2014 09:35:58
30	49	05/30/2013 15	NYISO	01/29/2014 09:35:58
31	50	05/31/2013 14	NYISO	01/29/2014 09:35:58
32	51	05/01/2013 19	NYISO	01/29/2014 09:35:58
33	54	05/02/2013 17	NYISO	01/29/2014 09:35:58
34	55	05/03/2013 11	NYISO	01/29/2014 09:35:58
35	56	05/04/2013 16	NYISO	01/29/2014 09:35:58
36	58	05/05/2013 15	NYISO	01/29/2014 09:35:58
37	59	05/06/2013 13	NYISO	01/29/2014 09:35:58
38	61	05/05/2013 11	NYISO	01/29/2014 09:35:58
39	64	05/08/2013 17	NYISO	01/29/2014 09:35:58
40	65	05/09/2013 14	NYISO	01/29/2014 09:35:58

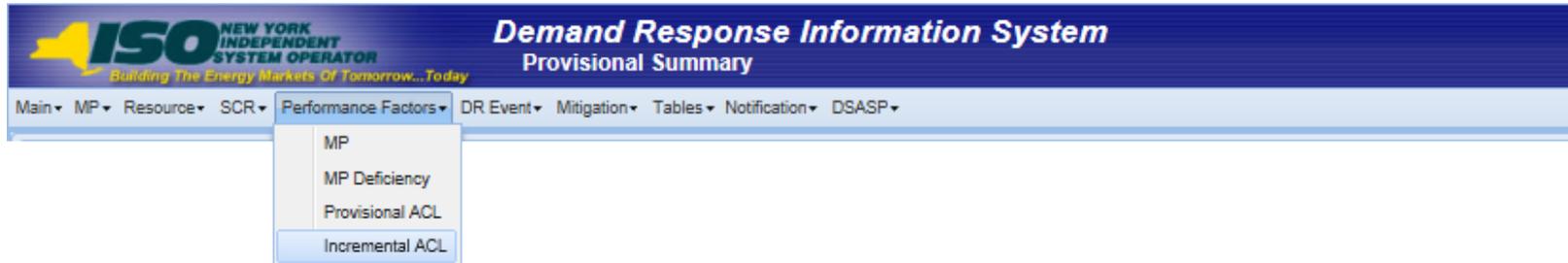
◆ Expanded Set

- *Monthly SCR Load Zone Peak Hours are used for the verification of a resource(s) enrolled with an Incremental ACL*

Incremental ACL Screen

- ◆ **Provides the user the ability to:**
 - *View resource enrollment information when enrolled with an Incremental ACL*
 - *View the Verified ACL, calculated from the Monthly Top 40 Hours provided by the MP*
 - *View the specific Top 40 Hours used to calculate the Verified ACL*
 - *View the applicable Shortfall kW for the resource, should one occur*

Incremental ACL Screen



◆ Search Criteria

- *Resource ID*
- *TO Owner*
- *Capability Period*
- *Auction Month*
- *Zone*
- *Status*
- *Shortfall*
- *Reporting*



Incremental ACL Screen

- ◆ **Incremental ACL Screen Search Criteria**
 - *Status – Status of the Incremental ACL Monthly Verification Import (Approved, Denied, Under Review)*
 - *Shortfall – Select from Y or N – Returns resources which have or have not incurred a Shortfall*
 - *Reporting – Allows user to search by resources which have had no verified metered load data reported for a month in which the resource was enrolled with an Incremental ACL*

Incremental ACL Screen

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Demand Response Information System
Incremental Summary

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

MP Name: Resource ID: Capability Period: Summer 2014 Zone: Shortfall:
 Transmission Owner: Auction Month: Status: Reporting: Display

Search Criteria

Resource Incremental ACL Comparison to Verification Data

Resource ID	Resource Name	Account Number	Auction Month	Capability Period	MP Name	Zone	ACL kW	Shutdown kW	Incremental kW	Net ACL kW	Monthly ACL k	Verified ACL Basis	Verified ACL kW	Raw Shortfall kW	UCAP Equivalent of Shortfall kW	Auction Sales kW	Applicable Shortfall kW
123456789	Resource 1	X8745159745	May 2014	Summer 2014	MP Name	J	600	0	200	800	800	<input checked="" type="checkbox"/>	800	0	0	800	0

Resource Incremental ACL Comparison to Verification Details – Summary Section

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
+Approved - Resource ID: 123456789 - Submittal Date: 01/19/2015 14:05:05 - Monthly ACL: 800										
123456789	05/15/2014 HB 17	800					800	<input checked="" type="checkbox"/>	ACL	800
123456789	05/15/2014 HB 18	800					800	<input checked="" type="checkbox"/>	ACL	800
123456789	05/16/2014 HB 17	800					800	<input checked="" type="checkbox"/>	ACL	800

Resource ACL Details

Incremental ACL Screen

- ◆ **Incremental ACL Summary Screen**

- ◆ **Common Fields**

- *Resource ID*
- *Resource Name*
- *TO Account*
- *Capability Period*
- *MP Name*
- *Zone*
- *ACL kW*
- *Shutdown kW*
- *Incremental kW*
- *Net ACL kW*

- ◆ **Incremental ACL Fields**

- *Monthly ACL kW*
- *Verified ACL Basis*
- *Verified ACL kW*
- *Raw Shortfall kW*
- *UCAP Equivalent of Raw Shortfall kW*
- *Auction Sales*
- *Applicable Shortfall kW*

Incremental ACL Screen

◆ Incremental ACL Summary Screen – Fields

- *Monthly ACL kW – ACL calculated based on the resource top 20 out of 40 for the resource and Auction Month of the resource record selected*
- *Verified ACL Basis – Indicator – Displays as checked when associated with a resource monthly record where the Monthly ACL kW of that record was used to calculate the Verified ACL*
- *Verified ACL kW – The Verified ACL calculated from the available resource Monthly ACL kW values*
- *Raw Shortfall kW – The difference between the Net ACL and the Verified ACL of the resource, for each month*
- *UCAP Equivalent of Raw Shortfall kW – The UCAP Equivalent of the Raw Shortfall kW*
- *Auction Sales – Auction sales of the resource for the monthly record displayed*
- *Applicable Shortfall kW – Lesser of Auction Sales or UCAP Equivalent of Raw Shortfall*

Incremental ACL Screen

- ◆ **Incremental ACL Details Screen**

- ◆ **Common Fields**
 - *Resource ID*
 - *ACL kW*
 - *TO Add-back kW*
 - *Reporting TO*
 - *DADRP Add-back KW*
 - *DSASP Add-back kW*
 - *Total kW*

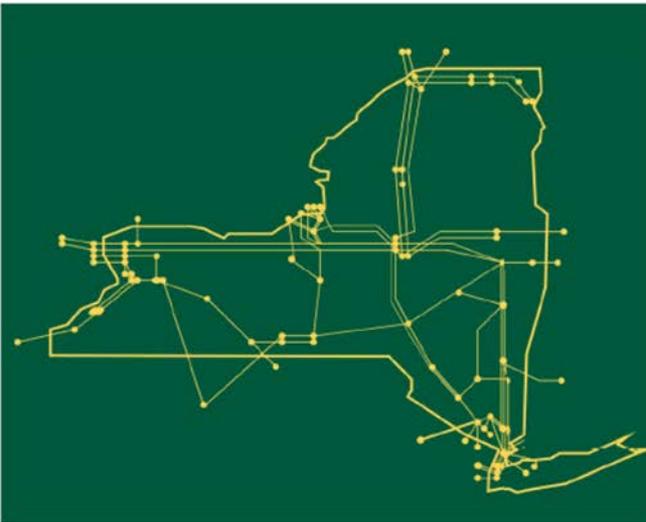
- ◆ **Incremental ACL Fields**
 - *Peak Load Date and HB*
 - *Used in ACL Calculation*
 - *Calculation Basis*
 - *Monthly ACL kW*

Incremental ACL Screen

◆ Incremental ACL Details – Fields

- *Peak Load Date and HB – Displays the top 40 monthly hours for the resource monthly record selected*
- *Used in ACL Calculation – Indicator – Displays as checked if the ACL kW value for the associated Top Peak Load Date and HB was used in the Monthly ACL calculation*
- *Calculation Basis – Description – Displays the inputs used for calculating the Top Peak Load Date and HB for the hour displayed, ex: “ACL + TO Add-back”*
- *Monthly ACL kW – ACL calculated based on the resource top 20 out of 40 Top Peak Load Date and HB for the resource and Auction Month of the resource record selected*

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