



Demand Response Information
System (DRIS) Training for
January 2011 Deployment
Part 4 – SCR Resources with Potential
Offer Floor Price

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New York Independent System Operator

January 6, 2011 9:00 am – 11:00 am

January 11, 2011 1:00 pm – 3:00 pm

Rensselaer, NY

Training Topics

- ◆ Part 1: Introduction to DRIS
 - *DRIS User Requirements*
 - *User Privileges*
 - *Access to DRIS*
 - *Additional Tools*
- ◆ Part 2: Updates to Existing DRIS Functionality
 - *Enrollment Files*
 - *DRIS Screens*
 - *Additional Updates*
- ◆ Part 3: Market Participant Performance Factor
 - *Contributing Resource Performance Factors*
- ◆ Part 4: SCR Resources with Potential Offer Floor Price
 - *Identify Resources*
 - *View Offer Floor Details*
- ◆ Part 5: DR Events
 - *View Event and Test Details*
- ◆ Part 6: Event Responses
 - *Import Event Responses*
 - *View Responses*
 - *View Payment Details*
- ◆ Part 7: Deployment
 - *Additional Training Sessions*
 - *Deployment Activities*

SCR Resources with a Potential Offer Floor Price

- ◆ Identify resources with a potential offer floor price
- ◆ View resource offer floor details
- ◆ View resource offer floor prices on the UCAP Export

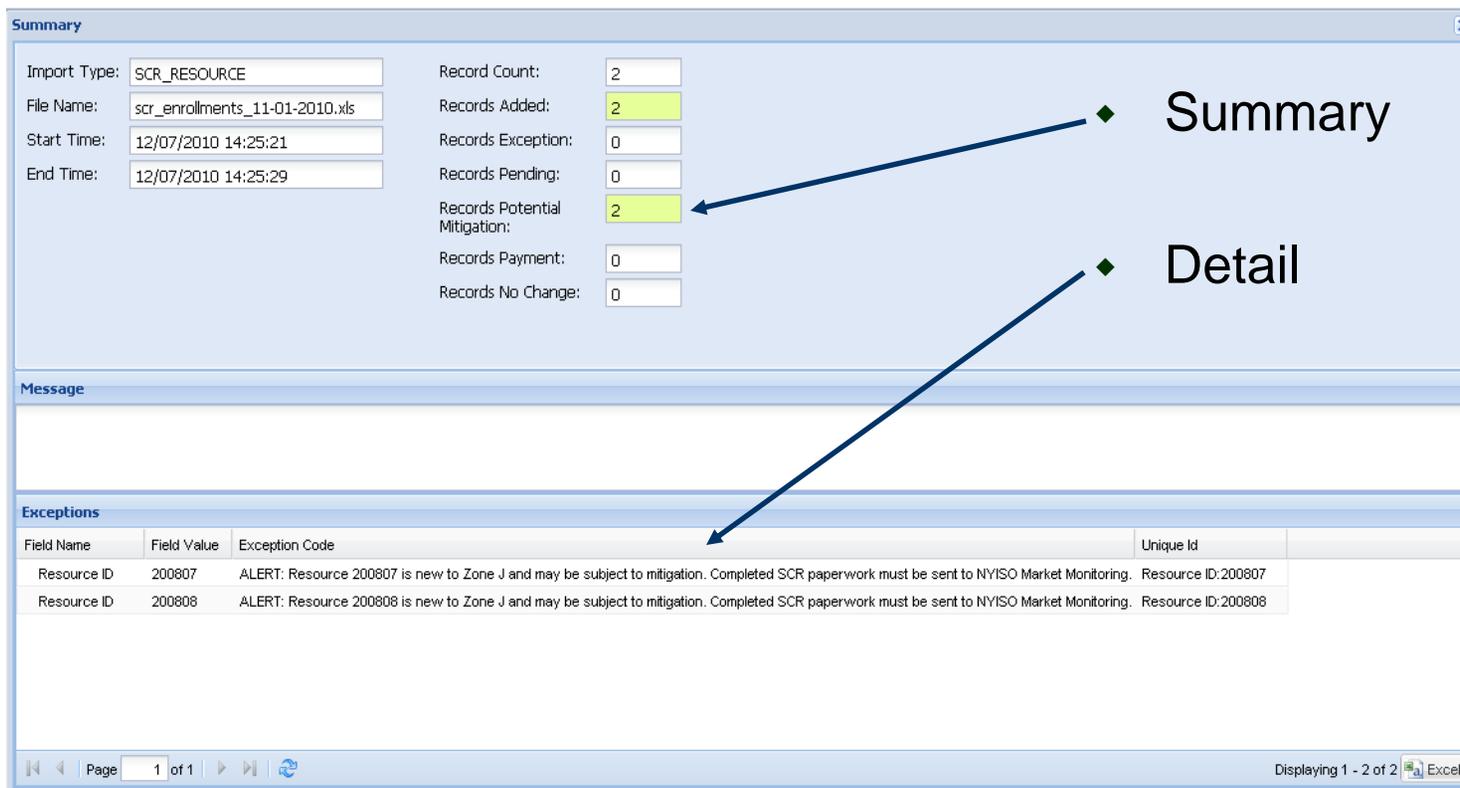
Identify Resources with a Potential Offer Floor

- ◆ Upon completion of the SCR enrollment import, DRIS provides feedback as to the resources for which additional offer floor data is required to be submitted by the MP to NYISO Market Monitoring and Analysis.

- ◆ These resources are identified with the Import Message Type of “Alert” and are visible on the:
 - *Import feedback window*
 - *Import Results Report*

Import Results Showing Resources with a Potential Offer Floor

- ◆ The Import Feedback Window appears at the completion of an import with summary and detail results of the import.



Summary

Import Type: SCR_RESOURCE
 File Name: scr_enrollments_11-01-2010.xls
 Start Time: 12/07/2010 14:25:21
 End Time: 12/07/2010 14:25:29

Record Count: 2
 Records Added: 2
 Records Exception: 0
 Records Pending: 0
 Records Potential Mitigation: 2
 Records Payment: 0
 Records No Change: 0

Message

Exceptions

Field Name	Field Value	Exception Code	Unique Id
Resource ID	200807	ALERT: Resource 200807 is new to Zone J and may be subject to mitigation. Completed SCR paperwork must be sent to NYISO Market Monitoring.	Resource ID:200807
Resource ID	200808	ALERT: Resource 200808 is new to Zone J and may be subject to mitigation. Completed SCR paperwork must be sent to NYISO Market Monitoring.	Resource ID:200808

Page 1 of 1
 Displaying 1 - 2 of 2
 Excel

Identify Resources with a Potential Offer Floor Import Results

- ◆ Summary

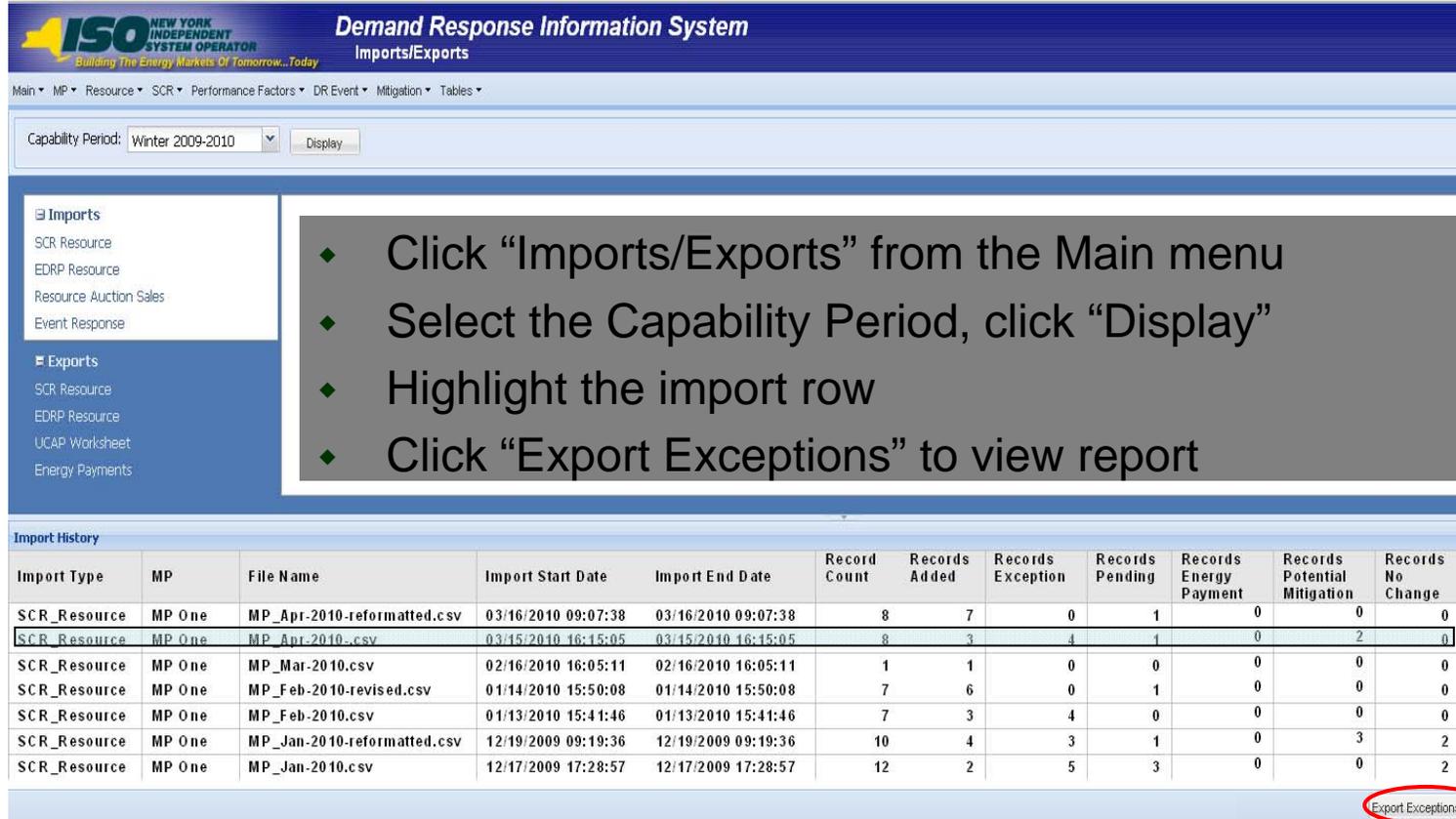
- Records Potential Mitigation: The number of Added and/or Pending enrollments that require additional offer floor information for the resource be submitted directly to NYISO Market Monitoring and Analysis for determination of a possible floor price to be used in the NYISO Installed Capacity Auction. These resources are denoted with an Alert.

- ◆ Detail

- ALERT: Resource *XX* is new to Zone J and may be subject to mitigation. Completed SCR paperwork must be sent to NYISO Market Monitoring and Analysis.

Identify Resources with a Potential Offer Floor Import Results Report

- ◆ The Import Results Report is available through a download.



Demand Response Information System
Imports/Exports

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

Capability Period: Winter 2009-2010

- Imports
 - SCR Resource
 - EDRP Resource
 - Resource Auction Sales
 - Event Response
- Exports
 - SCR Resource
 - EDRP Resource
 - UCAP Worksheet
 - Energy Payments

◆ Click “Imports/Exports” from the Main menu

◆ Select the Capability Period, click “Display”

◆ Highlight the import row

◆ Click “Export Exceptions” to view report

Import Type	MP	File Name	Import Start Date	Import End Date	Record Count	Records Added	Records Exception	Records Pending	Records Energy Payment	Records Potential Mitigation	Records No Change
SCR_Resource	MP One	MP_Apr-2010-reformatted.csv	03/16/2010 09:07:38	03/16/2010 09:07:38	8	7	0	1	0	0	0
SCR_Resource	MP One	MP_Apr-2010-.csv	03/15/2010 16:15:05	03/15/2010 16:15:05	8	3	4	1	0	2	0
SCR_Resource	MP One	MP_Mar-2010.csv	02/16/2010 16:05:11	02/16/2010 16:05:11	1	1	0	0	0	0	0
SCR_Resource	MP One	MP_Feb-2010-revised.csv	01/14/2010 15:50:08	01/14/2010 15:50:08	7	6	0	1	0	0	0
SCR_Resource	MP One	MP_Feb-2010.csv	01/13/2010 15:41:46	01/13/2010 15:41:46	7	3	4	0	0	0	0
SCR_Resource	MP One	MP_Jan-2010-reformatted.csv	12/19/2009 09:19:36	12/19/2009 09:19:36	10	4	3	1	0	3	2
SCR_Resource	MP One	MP_Jan-2010.csv	12/17/2009 17:28:57	12/17/2009 17:28:57	12	2	5	3	0	0	2

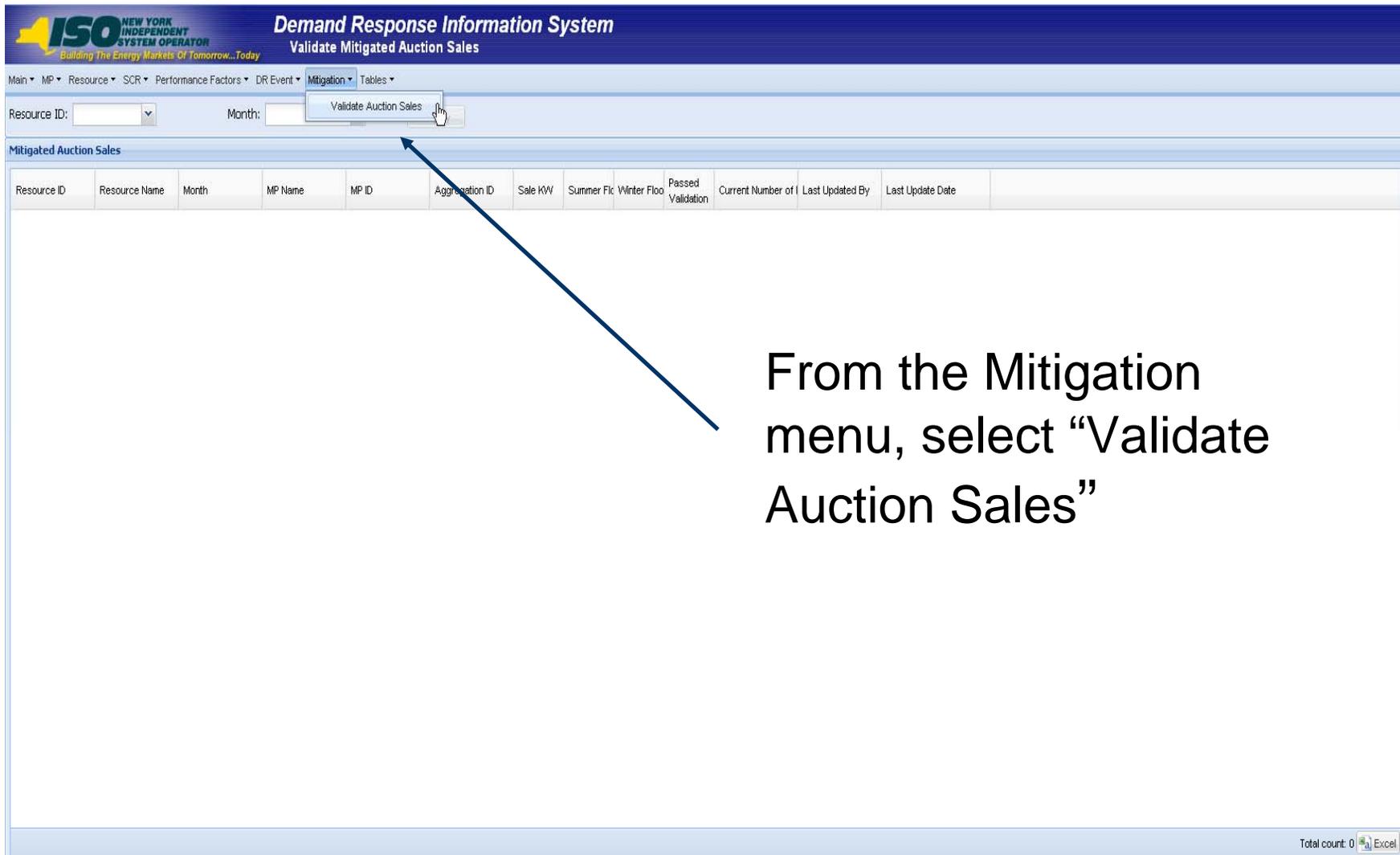
[Export Exceptions](#)

Identify Resources with a Potential Offer Floor Import Results Report

- ◆ Resources receiving an “Alert” are listed at the top of the report
- ◆ Receiving an “Alert” **does not** prevent a resource from being Enrolled or receiving a Pending Request, provided all other enrollment data meets the proper validations
- ◆ MPs must submit the additional Offer Floor information to NYISO Market Monitoring and Analysis: MMA_SCR@nyiso.com

	A	B	C	D	E
1	File Name	scrImportTest2.csv			
2	MP Name	NYISO Market Participant			
3	User				
4	Upload Type	SCR_RESOURCE			
5	Capability Period	Winter 2010-2011			
6	Auction Month	Jan-11			
7	Start Date of Import	12/07/2010 12:44:11 EST			
8	End Date of Import	12/07/2010 12:44:25 EST			
9	Records in File	10			
10	Records Saved	6			
11	Records Pending Approval	1			
12	Records With Exceptions	3			
13	Records With Energy Payment	0			
14	Records With Potential InCity	1			
15	Records With No Change in DRIS	0			
16					
17	Reference #	Message Type	Field	Value Supplied	Message
18	Resource ID: 200806	Alert	Resource ID	200806	ALERT: Resource 200806 is new to Zone J and may be subject to mitigation. Completed SCR paperwork must be sent to NYISO Market Monitoring.
19					
20					
21	Resource ID: 22998765	Exception	Generation Type ID	100	100 is not a valid Generation Type ID
22	Resource ID: 22998766	Exception	Subscribed Load	null	For Response Type C or B, Subscribed Load value must be greater than or equal to zero
23	Resource ID: 33498767	Exception	Declared Value	11400	The Declared Value 11400 cannot be greater than the calculated APMD 10480
24					
25					
26	Resource ID: 32099890	Pending	Street	300 Oak Ave	Detected Monitored Field Change: Old Value: '300 Elm Street' New Value: '300 Oak Ave'. Creating an Enrollment Request

View Resource Offer Floor Details



The screenshot displays the 'Demand Response Information System' interface. At the top, the ISO logo and the text 'NEW YORK INDEPENDENT SYSTEM OPERATOR' are visible. Below this, the page title is 'Demand Response Information System' and the sub-page title is 'Validate Mitigated Auction Sales'. The navigation menu includes 'Main', 'MP', 'Resource', 'SCR', 'Performance Factors', 'DR Event', 'Mitigation', and 'Tables'. The 'Mitigation' menu is open, showing the option 'Validate Auction Sales'. Below the navigation, there are input fields for 'Resource ID' and 'Month'. A blue arrow points from the 'Validate Auction Sales' menu item to the text on the right. The main content area is a table titled 'Mitigated Auction Sales' with the following columns: Resource ID, Resource Name, Month, MP Name, MP ID, Aggregation ID, Sale KW, Summer Flo, Winter Flo, Passed Validation, Current Number of I, Last Updated By, and Last Update Date. The table is currently empty. At the bottom right, there is a status bar showing 'Total count: 0' and an 'Excel' button.

From the Mitigation menu, select “Validate Auction Sales”

View Resource Offer Floor Details

- ◆ Select filter options from the drop-down lists
- ◆ Click “Display” to see Resource Offer Floor Details


Demand Response Information System
Validate Mitigated Auction Sales

Observer ▾ MP ▾ Resource ▾ SCR ▾ Performance Factors ▾ DR Event ▾ Mitigation ▾ Tables ▾

Resource ID: ▾ Month: ▾

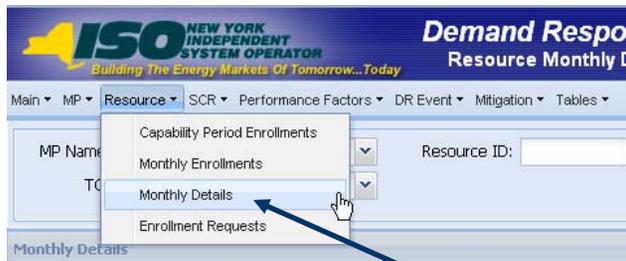
Mitigated Auction Sales

Resource ID	Resource Name	Month	MP Name	MP ID	Aggregation ID	Sale KW	Summer Flo	Winter Floo	Passed Validation	Comments	Current Number of I	Last Updated By	Last Update Date
1234567	Bakery	December 2010	MP One	1234	4444	218	1.64	0.89	Y		3	Joshua Boles	12/08/2010 13:14:17
1234567	Bakery	November 2010	MP One	1234	4444	218	1.64	0.89	N		3	Joshua Boles	12/08/2010 13:14:12
1234567	Bakery	October 2010	MP One	1234	4444	243	1.64	0.89	Y		3	Joshua Boles	12/08/2010 13:14:06
1234567	Bakery	September 2010	MP One	1234	4444	243	1.64	0.89	Y		3	Joshua Boles	12/08/2010 13:13:59

View Resource Offer Floor Details

- ◆ Month
- ◆ Summer and Winter Offer Floor Prices
- ◆ Auction Month Validation Indicator
 - *Set by NYISO Market Monitoring and Analysis after the close of the Partial Sales Reporting period for that auction month, as specified on the DRIS Event Calendar.*
- ◆ Current Number of Months Cleared
 - *Increments each time the resource is determined to have cleared offer floor price in the ICAP auction.*
 - *Displays total number of months resource has cleared, including months resource may have been enrolled with another MP.*

View Resources with an Active Offer Floor



- ◆ Select Monthly Details from the Resource menu
- ◆ Enter Search Criteria and click Display to view Resources with an offer floor for a specific month(s)



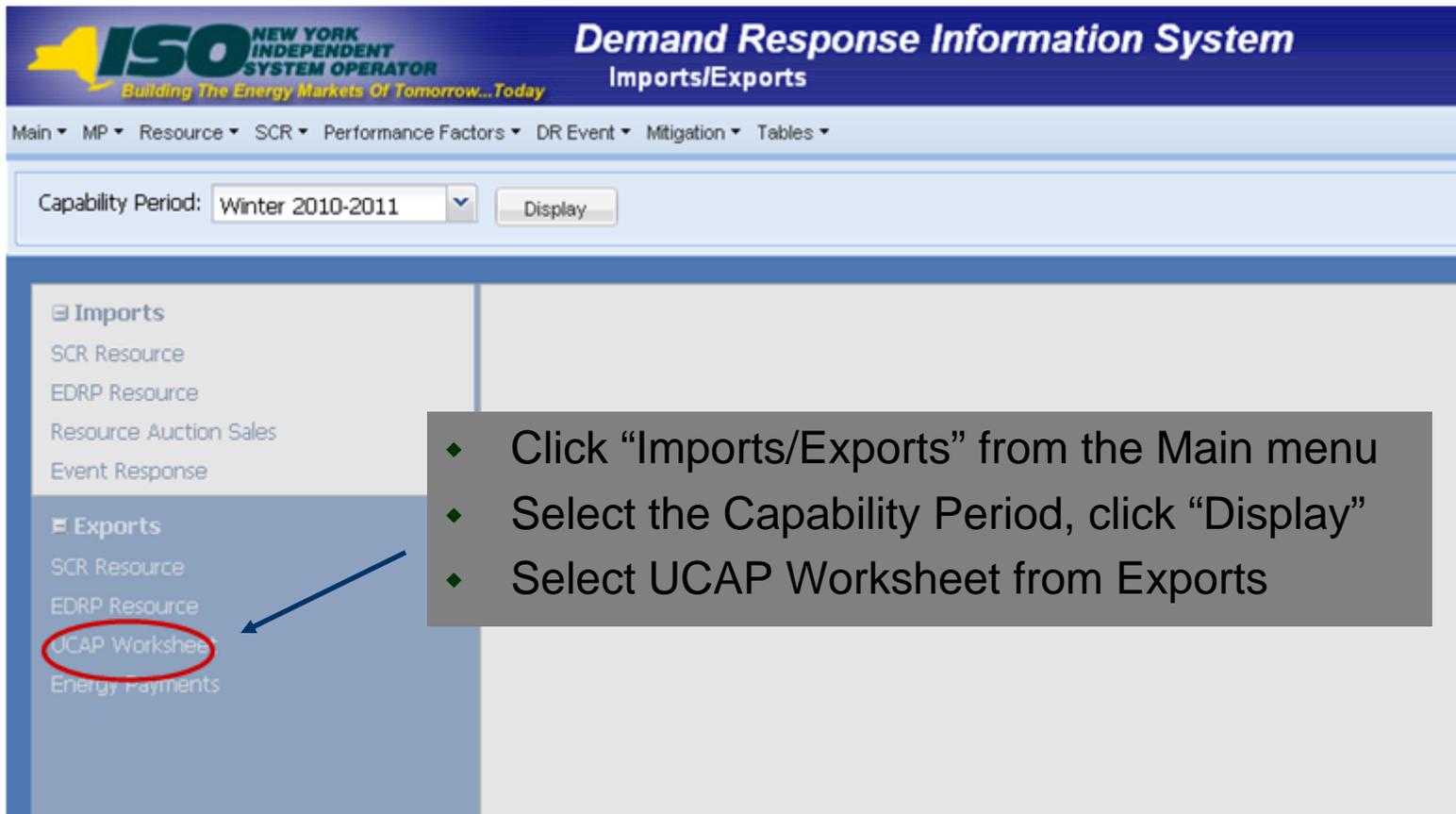
The screenshot shows the 'Resource Monthly Details' page with search criteria and a table of results. The 'Floor Price in Effect' column in the table is circled in red.

Search Criteria:

- MP Name: NYISO Market Participant
- Resource ID: 1234567
- Capability Period: Winter 2010-2011
- Program: [Empty]
- Aggregation: [Empty]
- TO: [Empty]
- Month: January 2011
- Zone: [Empty]
- Status: [Empty]
- Display: [Dropdown]

Resource ID	Resource Name	TO Account Number	Month	Begin Effective Date	End Effective Date	Status	Program	Floor Price in Effect	Subscribed Load	Subscribed Gen	Performance Factor	UCAP	Aggregati
1234567	Bakery	T123445678	January 2011	01/01/2011 00:00:00	04/30/2011 23:59:59	Enrolled	SCR	<input checked="" type="checkbox"/>	145		0.9897	150	4+

View Resource Offer Floor Price on the UCAP Export



The screenshot shows the 'Demand Response Information System Imports/Exports' interface. At the top, there is a navigation menu with options: Main, MP, Resource, SCR, Performance Factors, DR Event, Mitigation, and Tables. Below the menu, there is a 'Capability Period' dropdown menu set to 'Winter 2010-2011' and a 'Display' button. On the left side, there is a sidebar menu with two main sections: 'Imports' and 'Exports'. Under 'Imports', there are links for SCR Resource, EDRP Resource, Resource Auction Sales, and Event Response. Under 'Exports', there are links for SCR Resource, EDRP Resource, UCAP Worksheet (circled in red with a blue arrow pointing to it), and Energy Payments. A grey callout box on the right contains three instructions: 'Click "Imports/Exports" from the Main menu', 'Select the Capability Period, click "Display"', and 'Select UCAP Worksheet from Exports'.

Demand Response Information System
Imports/Exports

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

Capability Period: Winter 2010-2011 ▾ Display

- Imports
 - SCR Resource
 - EDRP Resource
 - Resource Auction Sales
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- Exports
 - SCR Resource
 - EDRP Resource
 - UCAP Worksheet
 - Energy Payments

- Click "Imports/Exports" from the Main menu
- Select the Capability Period, click "Display"
- Select UCAP Worksheet from Exports

View Resource Offer Floor Price on the UCAP Export

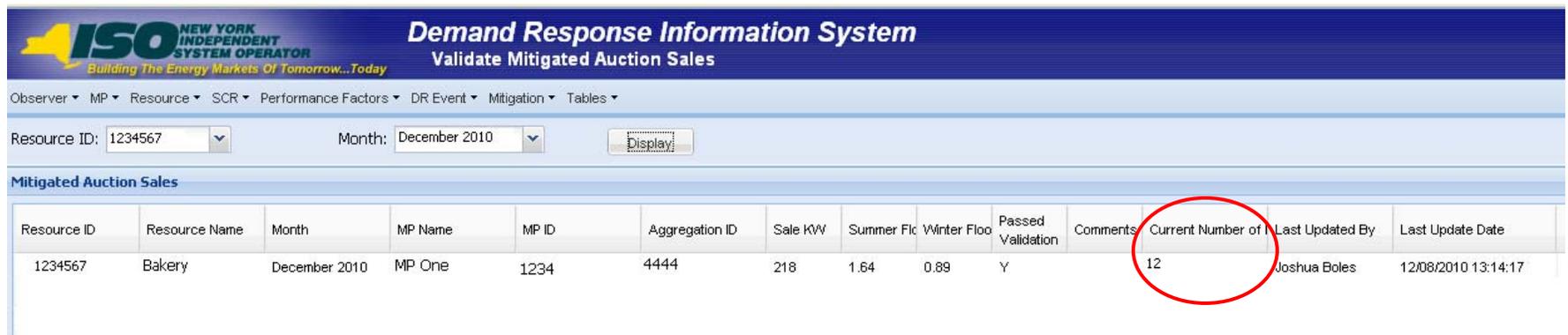
- Resources having an Offer Floor will appear at the bottom of the list of resources for the Aggregation to which they belong
- The example below shows the resource with its Winter Offer Floor Price of .89

	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC
1																			
2																			
3	Resource Id	Meter Account	Type	TLF	Peak 1	Peak 2	Peak 3	Peak 4	Declared	APMD	CMD	ICAP	Strike Pr	P_Factor	UCAP kW	Offer Floor	UCAP MW	Total Amount Sold in Aggre	
10	1234567	T123445678	C	0.04813	700	670	760	780	200	728	528		300	500	0.9897	297	0.89		
11												Aggregate 4444 - J			25908		25.9		
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For this example, the other resources in the Aggregation have been hidden for purposes of focusing on the Offer Floor resource

Validated Auction Sales

- Resources will no longer appear on the UCAP Export with an offer floor assigned *and* will no longer be subject to an offer floor in the ICAP auction once the resource has cleared 12 auction months as seen in DRIS.



Demand Response Information System
Validate Mitigated Auction Sales

Observer ▾ MP ▾ Resource ▾ SCR ▾ Performance Factors ▾ DR Event ▾ Mitigation ▾ Tables ▾

Resource ID: Month:

Mitigated Auction Sales

Resource ID	Resource Name	Month	MP Name	MP ID	Aggregation ID	Sale KW	Summer Fic	Winter Floor	Passed Validation	Comments	Current Number of	Last Updated By	Last Update Date
1234567	Bakery	December 2010	MP One	1234	4444	218	1.64	0.89	Y		12	Joshua Boles	12/08/2010 13:14:17



The New York Independent System Operator (NYISO) is a not-for-profit corporation that began operations in 1999. The NYISO operates New York's bulk electricity grid, administers the state's wholesale electricity markets, and provides comprehensive reliability planning for the state's bulk electricity system.

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