



**Demand Response Information System
(DRIS) Training for
June 2010 Deployment
Part 2 – Imports and Exports**

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New York Independent System Operator

May 11, 2010 1:00 pm – 4:00 pm
May 17, 2010 1:00 pm – 4:00 pm (Webex only)
June 8, 2010 9:00 am – 12:00 pm

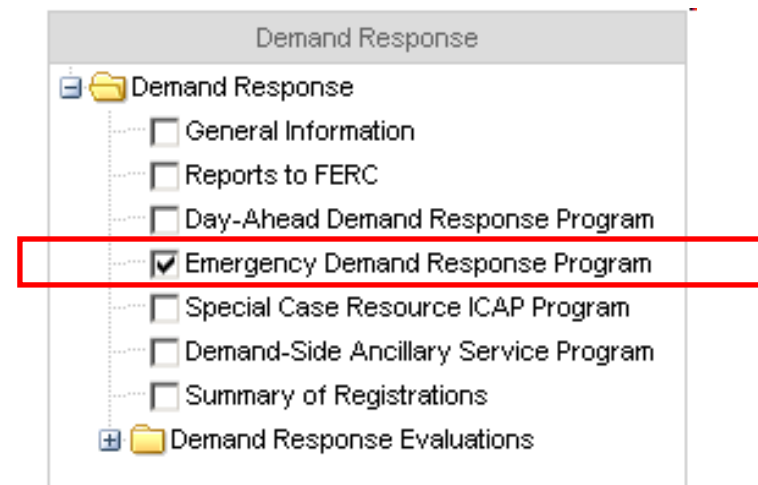
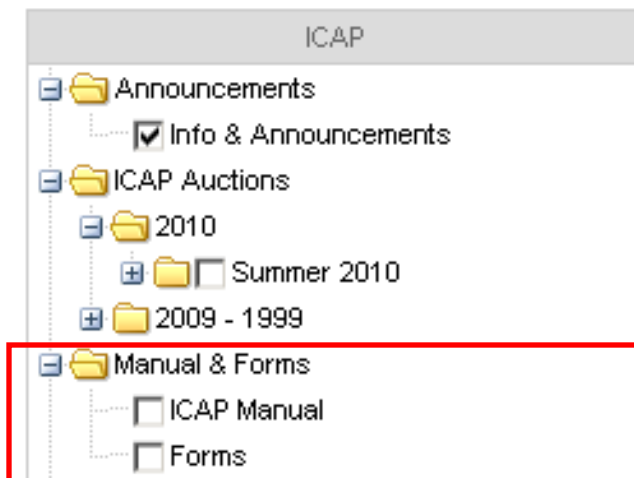
Rensselaer, NY

Training Topics

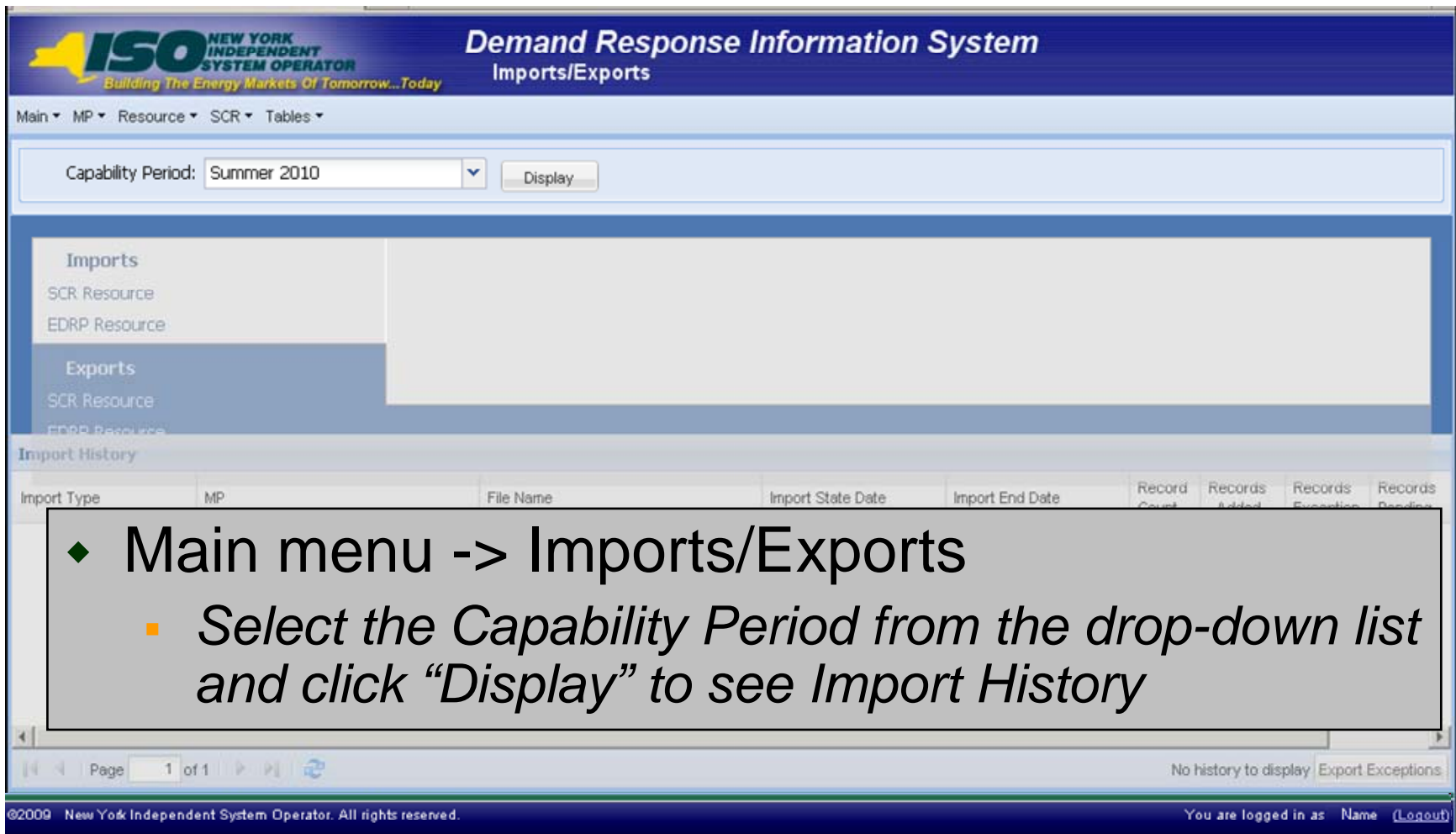
- ◆ Part 1: Introduction to DRIS
 - *DRIS User Requirements*
 - *Accessing DRIS*
 - *DRIS User Interface features*
 - *Terminology*
 - *Dashboard*
 - *DRIS Calendar*
 - *SCR and EDRP Activity Timelines*
- ◆ Part 2: Imports and Exports
- ◆ Part 3: Resource Import File
 - *Import Exceptions*
- ◆ Part 4: Post-Import Operations
 - *View Pending Records*
- ◆ Part 5: Aggregations
 - *Requesting Aggregation IDs*
 - *Aggregation Management*
 - *Strike Price*
- ◆ Part 6: Other DRIS Operations
 - *UCAP Report*
 - *Viewing Resource Information*
- ◆ Part 7: Training, Market Trials and Deployment
 - *Additional DRIS Training sessions for June Deployment*
 - *Market Trials*
 - *Deployment*

Import

- ◆ Ways to create import file layout
 - *Export existing resources from DRIS*
 - *Download blank import file from NYISO website*
 - SCR blank import file on ICAP page (left figure below)
 - http://www.nyiso.com/public/markets_operations/market_data/icap/index.jsp
 - EDRP format import file from Demand Response page (right figure below)
 - http://www.nyiso.com/public/markets_operations/market_data/demand_response/index.jsp
 - *Use Excel or Open Office to build a file using file format information in User Guide*




Imports/Exports screen

The screenshot shows the "Demand Response Information System" interface for "Imports/Exports". At the top left is the ISO logo and tagline "Building The Energy Markets Of Tomorrow...Today". The main title is "Demand Response Information System Imports/Exports". Below the title is a navigation menu with "Main", "MP", "Resource", "SCR", and "Tables". A "Capability Period" dropdown menu is set to "Summer 2010" with a "Display" button next to it. The main content area is divided into "Imports" and "Exports" sections, each with "SCR Resource" and "EDRP Resource" sub-sections. Below this is an "Import History" table with columns: "Import Type", "MP", "File Name", "Import State Date", "Import End Date", "Record Count", "Records Added", "Records Execution", and "Records Pending". The table is currently empty, displaying "No history to display". A "Logout" link is visible in the bottom right corner.

◆ Main menu -> Imports/Exports

- *Select the Capability Period from the drop-down list and click "Display" to see Import History*

Imports/Exports Activity


Demand Response Information System
Imports/Exports

Main ▾ MP ▾ Resource ▾ SCR ▾ Tables ▾

Capability Period: Winter 2009-2010 Display

Imports

SCR Resource

EDRP Resource

Exports

SCR Resource

EDRP Resource

UCAP Worksheet

- ◆ Import pane is activated and Import History shows below
 - *Descending order, most recent activity at the top*

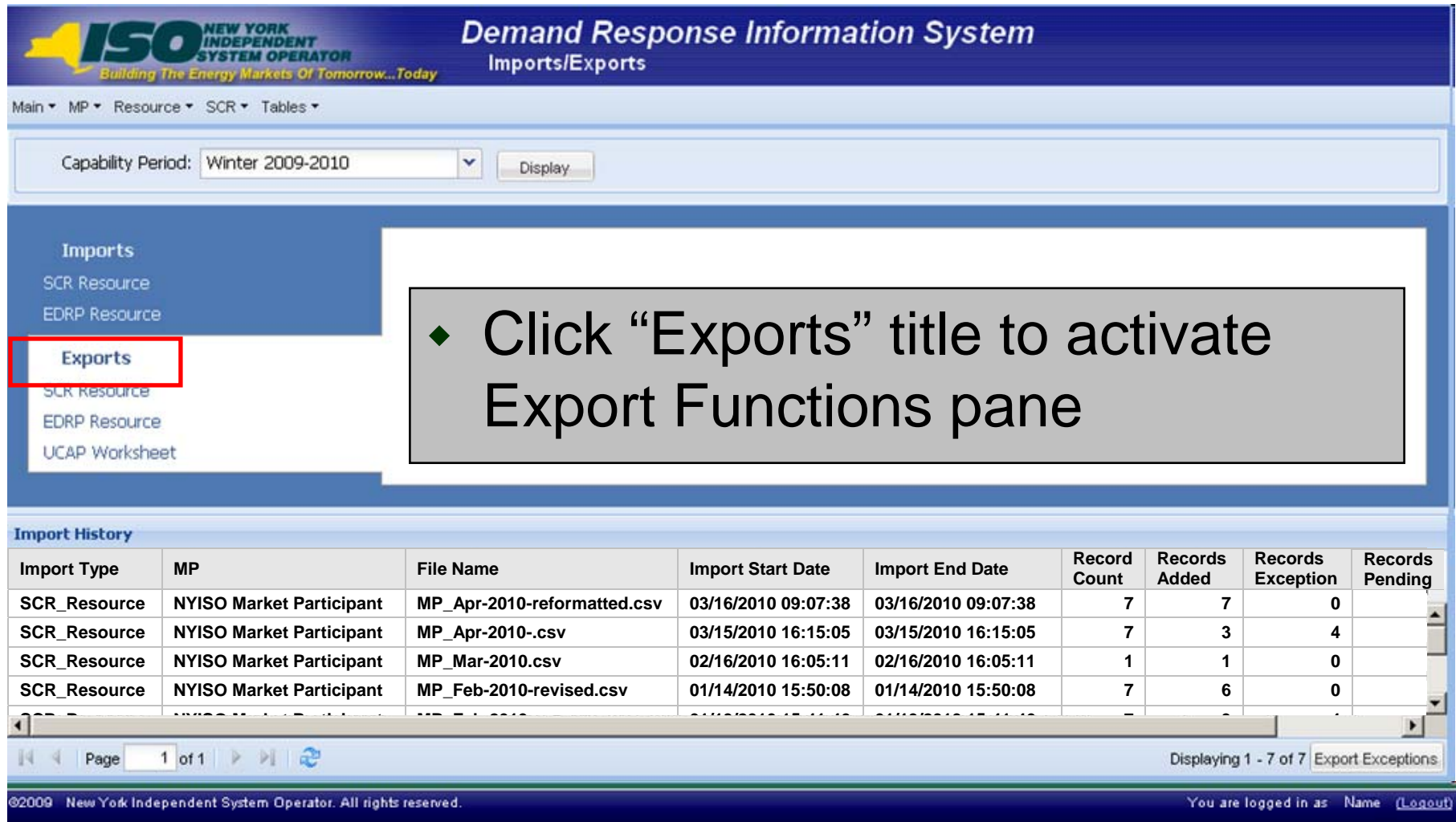
Import History

| Import Type | MP | File Name | Import Start Date | Import End Date | Record Count | Records Added | Records Exception | Records Pending |
|--------------|--------------------------|-----------------------------|---------------------|---------------------|--------------|---------------|-------------------|-----------------|
| SCR_Resource | NYISO Market Participant | MP_Apr-2010-reformatted.csv | 03/16/2010 09:07:38 | 03/16/2010 09:07:38 | 7 | 7 | 0 | |
| SCR_Resource | NYISO Market Participant | MP_Apr-2010-.csv | 03/15/2010 16:15:05 | 03/15/2010 16:15:05 | 7 | 3 | 4 | |
| SCR_Resource | NYISO Market Participant | MP_Mar-2010.csv | 02/16/2010 16:05:11 | 02/16/2010 16:05:11 | 1 | 1 | 0 | |
| SCR_Resource | NYISO Market Participant | MP_Feb-2010-revised.csv | 01/14/2010 15:50:08 | 01/14/2010 15:50:08 | 7 | 6 | 0 | |

Page 1 of 1 Displaying 1 - 7 of 7 [Export Exceptions](#)

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You are logged in as Name [\(Logout\)](#)

Export Functions



Imports
 SCR Resource
 EDRP Resource
Exports
 SCR Resource
 EDRP Resource
 UCAP Worksheet

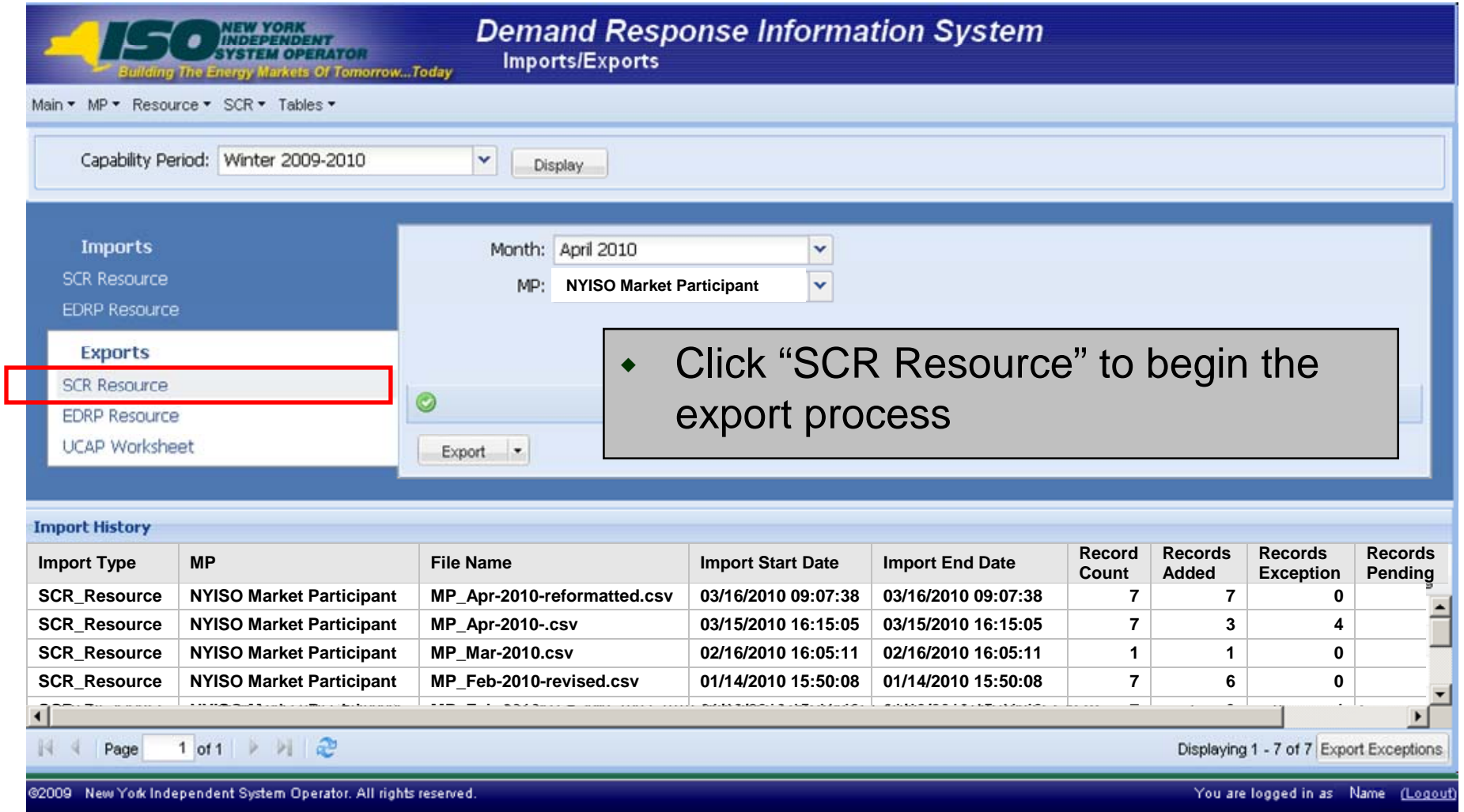
◆ Click “Exports” title to activate Export Functions pane

| Import Type | MP | File Name | Import Start Date | Import End Date | Record Count | Records Added | Records Exception | Records Pending |
|--------------|--------------------------|-----------------------------|---------------------|---------------------|--------------|---------------|-------------------|-----------------|
| SCR_Resource | NYISO Market Participant | MP_Apr-2010-reformatted.csv | 03/16/2010 09:07:38 | 03/16/2010 09:07:38 | 7 | 7 | 0 | |
| SCR_Resource | NYISO Market Participant | MP_Apr-2010-.csv | 03/15/2010 16:15:05 | 03/15/2010 16:15:05 | 7 | 3 | 4 | |
| SCR_Resource | NYISO Market Participant | MP_Mar-2010.csv | 02/16/2010 16:05:11 | 02/16/2010 16:05:11 | 1 | 1 | 0 | |
| SCR_Resource | NYISO Market Participant | MP_Feb-2010-revised.csv | 01/14/2010 15:50:08 | 01/14/2010 15:50:08 | 7 | 6 | 0 | |

Page 1 of 1 Displaying 1 - 7 of 7 Export Exceptions

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Export SCR Resource File



Demand Response Information System
Imports/Exports

Main ▾ MP ▾ Resource ▾ SCR ▾ Tables ▾

Capability Period: Winter 2009-2010

Imports
SCR Resource
EDRP Resource

Exports
SCR Resource
EDRP Resource
UCAP Worksheet

Month: April 2010
MP: NYISO Market Participant

◆ Click “SCR Resource” to begin the export process

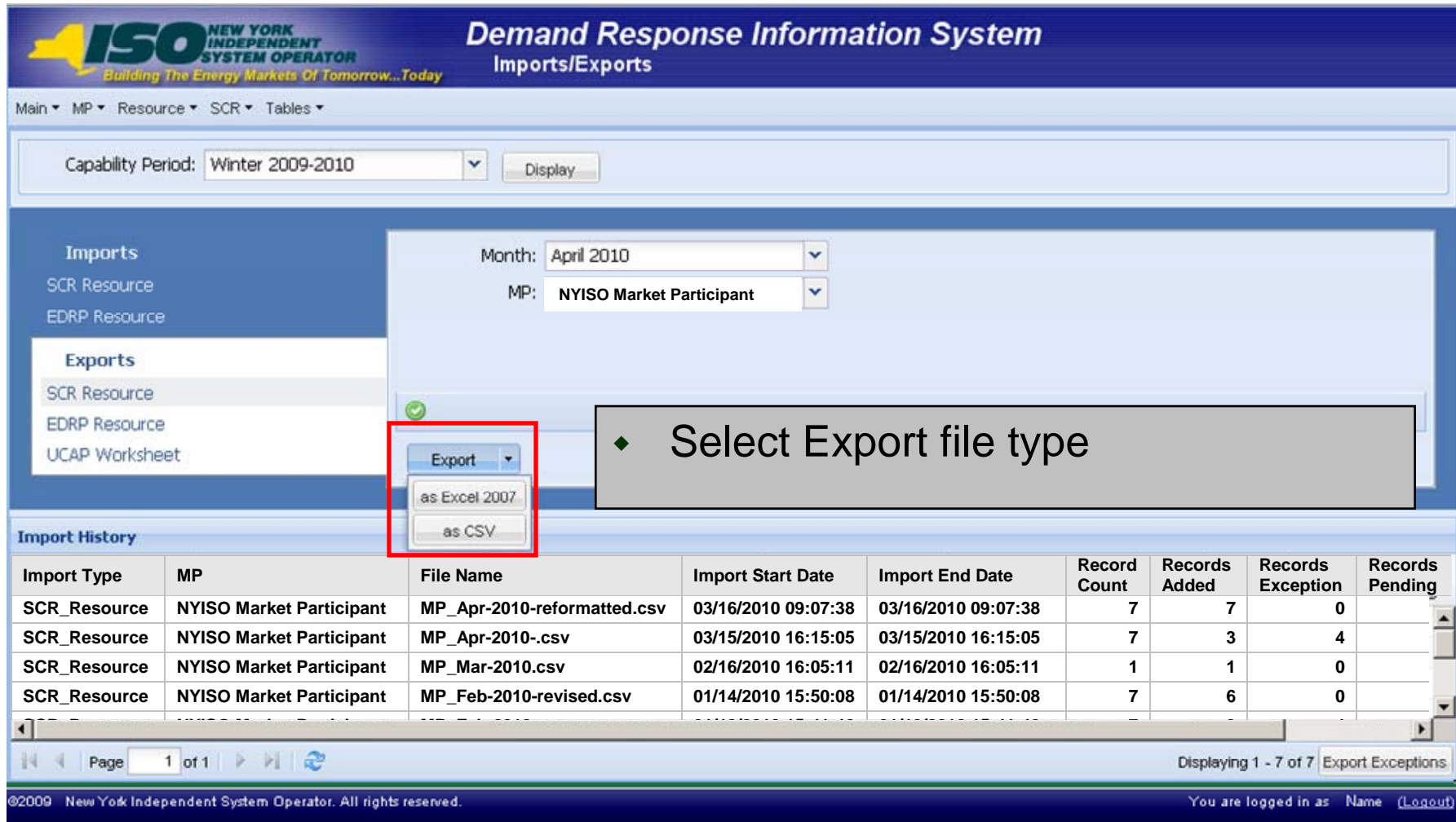
Import History

| Import Type | MP | File Name | Import Start Date | Import End Date | Record Count | Records Added | Records Exception | Records Pending |
|--------------|--------------------------|-----------------------------|---------------------|---------------------|--------------|---------------|-------------------|-----------------|
| SCR_Resource | NYISO Market Participant | MP_Apr-2010-reformatted.csv | 03/16/2010 09:07:38 | 03/16/2010 09:07:38 | 7 | 7 | 0 | |
| SCR_Resource | NYISO Market Participant | MP_Apr-2010-.csv | 03/15/2010 16:15:05 | 03/15/2010 16:15:05 | 7 | 3 | 4 | |
| SCR_Resource | NYISO Market Participant | MP_Mar-2010.csv | 02/16/2010 16:05:11 | 02/16/2010 16:05:11 | 1 | 1 | 0 | |
| SCR_Resource | NYISO Market Participant | MP_Feb-2010-revised.csv | 01/14/2010 15:50:08 | 01/14/2010 15:50:08 | 7 | 6 | 0 | |

Page 1 of 1 Displaying 1 - 7 of 7

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Export File Choices



Main ▾ MP ▾ Resource ▾ SCR ▾ Tables ▾
 Capability Period: Winter 2009-2010 [v] [Display]
 Imports
 SCR Resource
 EDRP Resource
 Exports
 SCR Resource
 EDRP Resource
 UCAP Worksheet
 Month: April 2010 [v]
 MP: NYISO Market Participant [v]
 Export [v]
 as Excel 2007
 as CSV
 ◆ Select Export file type
Import History

| Import Type | MP | File Name | Import Start Date | Import End Date | Record Count | Records Added | Records Exception | Records Pending |
|--------------|--------------------------|-----------------------------|---------------------|---------------------|--------------|---------------|-------------------|-----------------|
| SCR_Resource | NYISO Market Participant | MP_Apr-2010-reformatted.csv | 03/16/2010 09:07:38 | 03/16/2010 09:07:38 | 7 | 7 | 0 | |
| SCR_Resource | NYISO Market Participant | MP_Apr-2010-.csv | 03/15/2010 16:15:05 | 03/15/2010 16:15:05 | 7 | 3 | 4 | |
| SCR_Resource | NYISO Market Participant | MP_Mar-2010.csv | 02/16/2010 16:05:11 | 02/16/2010 16:05:11 | 1 | 1 | 0 | |
| SCR_Resource | NYISO Market Participant | MP_Feb-2010-revised.csv | 01/14/2010 15:50:08 | 01/14/2010 15:50:08 | 7 | 6 | 0 | |

 Page 1 of 1 [v] [v] [v] [v] [v]
 Displaying 1 - 7 of 7 Export Exceptions
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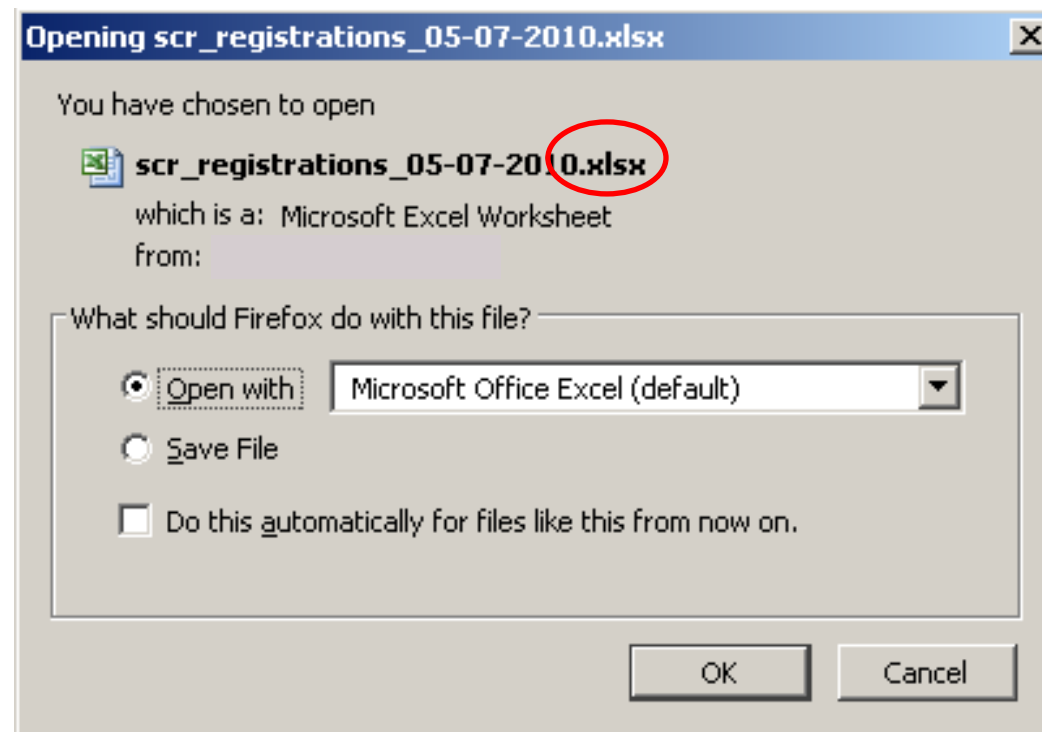
Export File Type: XLS Format

- ◆ Export
 - Click “Export” for XLS format
 - Excel 2003 format



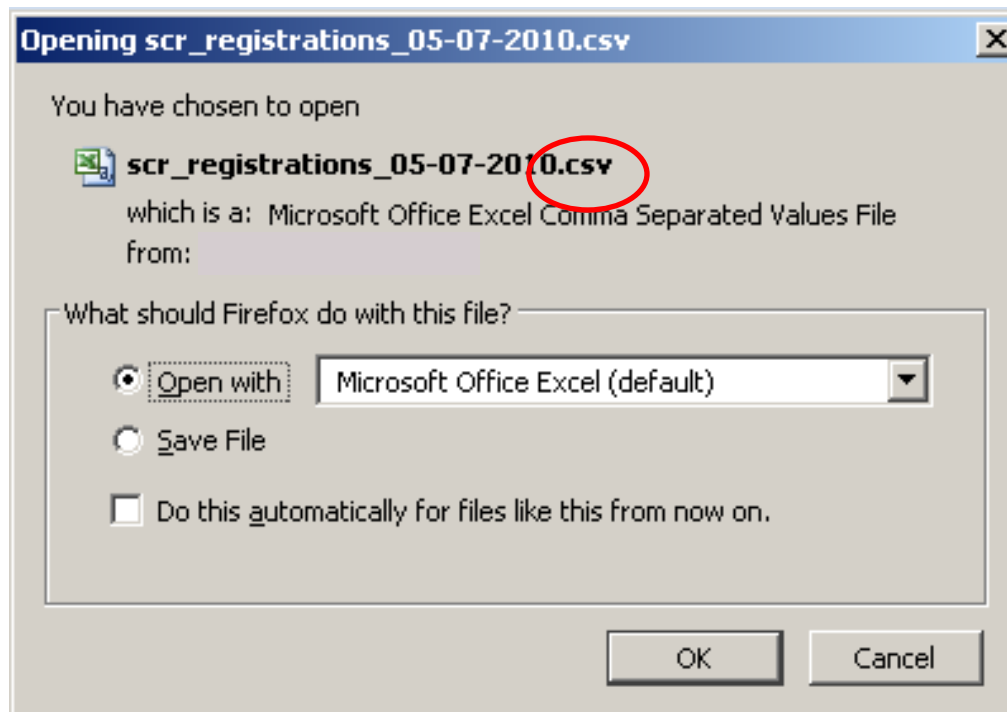
Export File Type: XLSX Format

- ◆ As Excel 2007
 - Click “As Excel 2007” for XLSX format
 - Excel 2007 and Open Office format



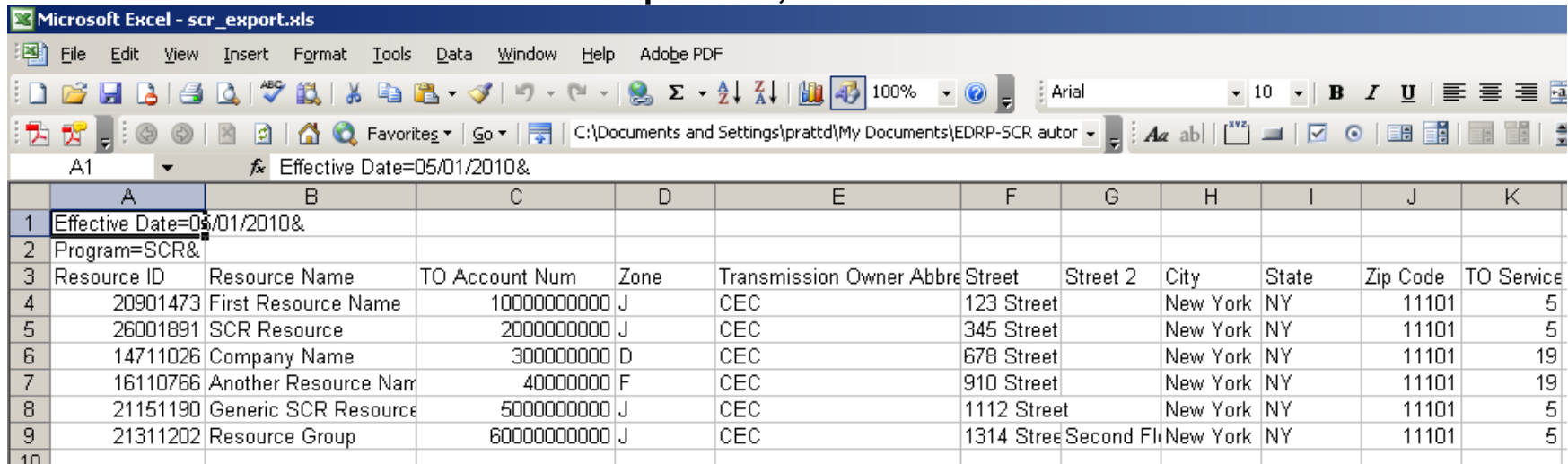
Export File Type: CSV

- ◆ As CSV
 - *Click “As CSV” for comma-separated format*



Export File Examples

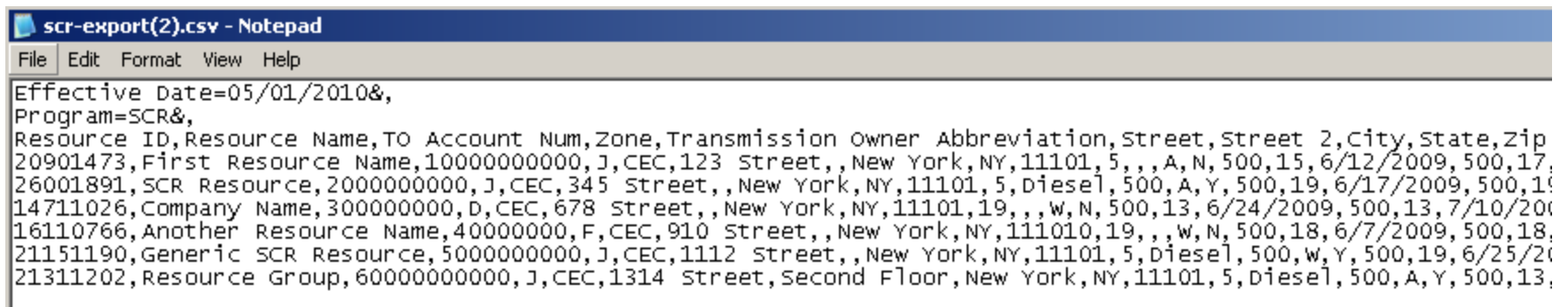
Example: XLS, XLSX Formats



| | A | B | C | D | E | F | G | H | I | J | K |
|----|----------------------------|----------------------|----------------|------|--------------------------|-------------|-----------|----------|-------|----------|------------|
| 1 | Effective Date=05/01/2010& | | | | | | | | | | |
| 2 | Program=SCR& | | | | | | | | | | |
| 3 | Resource ID | Resource Name | TO Account Num | Zone | Transmission Owner Abbre | Street | Street 2 | City | State | Zip Code | TO Service |
| 4 | 20901473 | First Resource Name | 10000000000 | J | CEC | 123 Street | | New York | NY | 11101 | 5 |
| 5 | 26001891 | SCR Resource | 20000000000 | J | CEC | 345 Street | | New York | NY | 11101 | 5 |
| 6 | 14711026 | Company Name | 30000000000 | D | CEC | 678 Street | | New York | NY | 11101 | 19 |
| 7 | 16110766 | Another Resource Nam | 40000000000 | F | CEC | 910 Street | | New York | NY | 11101 | 19 |
| 8 | 21151190 | Generic SCR Resource | 50000000000 | J | CEC | 1112 Street | | New York | NY | 11101 | 5 |
| 9 | 21311202 | Resource Group | 600000000000 | J | CEC | 1314 Stree | Second Fl | New York | NY | 11101 | 5 |
| 10 | | | | | | | | | | | |

Example: CSV Format

(may also show with quotes around each data element, i.e., "20901473", "First Resource Name", etc.)



```

scr-export(2).csv - Notepad
File Edit Format View Help
Effective Date=05/01/2010&,
Program=SCR&,
Resource ID,Resource Name,TO Account Num,Zone,Transmission Owner Abbreviation,Street,Street 2,City,State,Zip
20901473,First Resource Name,10000000000,J,CEC,123 Street,,New York,NY,11101,5,,,A,N,500,15,6/12/2009,500,17,
26001891,SCR Resource,20000000000,J,CEC,345 Street,,New York,NY,11101,5,Diesel,500,A,Y,500,19,6/17/2009,500,19,
14711026,Company Name,30000000000,D,CEC,678 Street,,New York,NY,11101,19,,,W,N,500,13,6/24/2009,500,13,7/10/200
16110766,Another Resource Name,40000000000,F,CEC,910 Street,,New York,NY,11101,19,,,W,N,500,18,6/7/2009,500,18,
21151190,Generic SCR Resource,50000000000,J,CEC,1112 Street,,New York,NY,11101,5,Diesel,500,W,Y,500,19,6/25/20
21311202,Resource Group,600000000000,J,CEC,1314 Street,Second Floor,New York,NY,11101,5,Diesel,500,A,Y,500,13,

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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.

www.nyiso.com