

# **Demand Response Information System (DRIS) Training for June 2015 Deployment**

## **Part 1 – Introduction to DRIS**

**Julie Pelletier**

*Product Business Analyst*

*New York Independent System Operator*

*Friday, June 12, 2015 9:30am - 11:00am*

*Monday, June 22, 2015 1:30pm - 3:00pm*

**Web Ex – Rensselaer**

# Training Topics

## ♦ Part 1: Introduction to DRIS

- *DRIS User Requirements*
- *User Privileges*
- *Access to DRIS*

## ♦ Part 2: SCR Performance Obligations

- *Purpose of the test*
- *Change in program rules*
- *Greatest capacity reduction*
- *Performance calculations*
- *Second test requirements*

## ♦ Part 3: Proxy Test Record

- *Determining greatest capacity reduction*
- *DRIS creating Proxy Test Record*
- *User's ability to view in DRIS*

## ♦ Part 4: Aggregation Performance Export

- *Contains data used in the calculation of performance factor*
- *Modification to export to show proxy test record*
- *User able to view when proxy test record is being used in calculations*

## Part 5: Deployment

- *Additional Training Sessions*
- *Deployment Activities*

# DRIS User Requirements

- ◆ NYISO Digital Certificate
  - *A valid digital certificate is required for each computer that will access DRIS*
  - *An MP may obtain multiple digital certificates per DRIS user: (i.e., for Windows-based work, laptop, and home computers)*
- ◆ Steps to NYISO website page to request Digital Certificates:
  - *Markets & Operations ->Customer Support ->Digital Certificate Info*
  - *NYISO website link to request:*
  - *<https://cert.nyiso.com/domain-main.xuda?domainID=360b3b3b0a5d87283208f7c29ab7b14711b23b57>*
- ◆ MIS User Account
  - *Contact your MIS Administrator*
- ◆ Request DRIS privileges
  - *DRIS Web UI MP User: Read and write capabilities*
  - *DRIS Web UI MP Read-Only User: Read-only capabilities*

# Ways to Access DRIS

- ◆ NYISO Market Access Login

[http://www.nyiso.com/public/markets\\_operations/market\\_data/market\\_access\\_login/index.jsp](http://www.nyiso.com/public/markets_operations/market_data/market_access_login/index.jsp)

- ◆ ICAP Market Page

[http://www.nyiso.com/public/markets\\_operations/market\\_data/icap/index.jsp](http://www.nyiso.com/public/markets_operations/market_data/icap/index.jsp)

- ◆ Demand Response Page

[http://www.nyiso.com/public/markets\\_operations/market\\_data/demand\\_response/index.jsp](http://www.nyiso.com/public/markets_operations/market_data/demand_response/index.jsp)

# NYISO Market Access Login

[http://www.nyiso.com/public/markets\\_operations/market\\_data/market\\_access\\_login/index.jsp](http://www.nyiso.com/public/markets_operations/market_data/market_access_login/index.jsp)

Markets & Operations ▾

**Market Data**

▼ **Market & Operational Data**

- Pricing Data
- Power Grid Data
- Load Data
- Reports & Information
- Postings by Date
- Zone Maps
- Graphs
- Market Access Login**
- Custom Reports

TCC

ICAP

Demand Response

Ancillary Services

Interregional Data

System Conditions

**Services**

- Financial Services [+]
- Customer Registration
- Market Training [+]
- Market Monitoring [+]
- Reliability Compliance

**Support**

- Customer Support

## Market Access Login

Pricing Data	Power Grid Data	Load Data	Reports & Info	Postings by Date	Maps	Graphs	Market Access Login
--------------	-----------------	-----------	----------------	------------------	------	--------	---------------------

Market Access Logins

**Marketplace Bidding & Scheduling**

- ▶ [\\* Marketplace Login \(User & Admin\)](#)
- ▶ [\\* Marketplace Upload/Download](#)

**Joint Energy Scheduling System (JESS)**

- ▶ [\\* JESS User Login](#)
- ▶ [\\* JESS Upload/Download](#)
- ▶ [\\* JESS User's Guide](#)

**Settlement Data Applications**

- ▶ [\\* SDX Upload/Download](#)
- ▶ [\\* Customer Settlements Interface](#)
- ▶ [Settlement Data Application User Guide](#)

**ICAP Automated Markets**

- ▶ [\\* User Login](#)
- ▶ [\\* ICAP Upload/Download](#)
- ▶ [ICAP Automated Market User's Guide](#)

**Demand Response Information System**

- ▶ [\\* User Login](#)
- ▶ [DRIS User Guide](#)

**Reference Levels (RLS)**

**TCC Automated Market**

- ▶ [\\* User Login](#)
- ▶ [\\* TCC Upload/Download](#)
- ▶ [TCC User Documents](#)

**Decision Support System (DSS)**

- ▶ [\\* User Login](#)
- ▶ [\\* Account Request](#)
- ▶ [DSS Documents](#)

**Outage Schedule (TOA)**

- ▶ [\\* User Login](#)

**Power Contracts Bulletin Board (IRC)**

- ▶ [User Login](#)
- ▶ [Information](#)
- ▶ [View as Guest \(read only\)](#)

**Credit Management System (CMS)**

- ▶ [\\*User Login](#)
- ▶ [CMS User Guide](#)

**ICAP Reference System (IRS)**

- ▶ [\\*User Login](#)

**MIS Instructions**


- ▶ [MIS Work Flows](#)
- ▶ [Market Participant User Guide \(MPUG\)](#)
- ▶ [Draft Bidding & Scheduling Error Messages](#)

**Please Note:**  
\* Requires A Valid NYISO Digital Certificate To Login

**Need Help? Got a Question?** Should you require any assistance - you may contact the NYISO Customer Support team by clicking on the link below.

[Send An Email - Click Here Now »](#)

**DRIS Login**



© 2000 - 2015 New York Independent System Operator, Inc. All Rights Reserved.

5

# ICAP Market Page

[http://www.nyiso.com/public/markets\\_operations/market\\_data/icap/index.jsp](http://www.nyiso.com/public/markets_operations/market_data/icap/index.jsp)

## Market Data

Market & Operational Data [+]

TCC

► **ICAP**

Demand Response

Ancillary Services

Interregional Data

System Conditions

## DRIS Login

### Services

Financial Services [+]

Customer Registration

Market Training [+]

Market Monitoring [+]

Reliability Compliance

### Support

Customer Support

Submit A Help Ticket

## ICAP Data & Information

The New York Installed Capacity (ICAP) market is based on the obligation placed on load serving entities (LSEs) to procure ICAP to meet minimum requirements. The requirements are determined by forecasting each LSE's contribution to its transmission district peak load, plus an additional amount to cover the Installed Reserve Margin. The amount of capacity that each supplying resource is qualified to provide to the New York Control Area (NYCA) is determined by an Unforced Capacity (UCAP) methodology. NYISO ICAP auctions are designed to accommodate LSEs and suppliers' efforts to enter into UCAP transactions. They are open to all registered NYISO customers.



Official NYISO Time

### ICAP Resources

- [View Strip Auction Summary](#)
- [View Monthly Auction Summary](#)
- [View Spot Auction Summary](#)
- [View Default Reference Prices](#)
- [View Rebate Summary](#)
- [View ICAP & UCAP Calculations](#)
- [View Event Calendar](#)
- [ICAP Working Group Page](#)
- [Demand Response Information System](#)

### ICAP Market Access



Please Note: You will need a digital certificate in order to access ICAP.

[ICAP Market Login »](#)

[ICAP Upload/Download »](#)

### ICAP Mailboxes



[DMNC Test Reporting »](#)

[GADS Portal »](#)

[SCR Registration »](#)

# Demand Response Programs Page

[http://www.nyiso.com/public/markets\\_operations/market\\_data/demand\\_response/index.jsp](http://www.nyiso.com/public/markets_operations/market_data/demand_response/index.jsp)

Markets & Operations ▶

## Market Data

Market & Operational Data [ + ]

TCC

ICAP

▶ Demand Response

Ancillary Services

Interregional Data

System Conditions

## Services

Financial Services [ + ]

Customer Registration

Market Training [ + ]

Market Monitoring [ + ]

Reliability Compliance

## Support

Customer Support

Submit A Help Ticket

## Demand Response Programs

The NYISO has four Demand Response programs: the Emergency Demand Response Program (EDRP), the ICAP Special Case Resources (SCR) program, the Day Ahead Demand Response Program (DADRP) and the Demand Side Ancillary Services Program (DSASP).

Both the EDRP and SCR program can be deployed in energy shortage situations to maintain the reliability of the bulk power grid. Both programs are designed to reduce power usage through shutting down of businesses and large power users. Companies, mostly industrial and commercial, sign up to take part in the programs. The companies are paid by the NYISO for reducing energy consumption when asked to do so by the NYISO. Reductions are voluntary for EDRP participants. SCR participants are required to reduce power usage and as part of their agreement are paid in advance for agreeing to cut power usage upon request.

The NYISO's Day-Ahead Demand Response Program (DADRP) allows energy users to bid their load reductions, or "negawatts", into the Day-Ahead energy market as generators do. Offers determined to be economic are paid at the market clearing price. DADRP allows flexible loads to effectively increase the amount of supply in the market and moderate prices.

The Demand Side Ancillary Services Program (DSASP) provides retail customers that can meet telemetry and other qualification requirements with an opportunity to bid their load curtailment capability into the DAM and/or Real-Time Market to provide Operating Reserves and regulation service. Scheduled offers are paid the appropriate marketing clearing price for reserves and/or regulation.

**DRIS Login**

EDRP Mailbox »

Login to DRIS »



# DRIS Login

The image shows a screenshot of the DRIS (Demand Response Information System) login page. At the top, there is a blue banner with the ISO New York logo on the left and the text "Demand Response Information System" and "Login Required" on the right. Below the banner, the page has a light gray background. The text "Login Required" is displayed, followed by the message "You are attempting to access a protected resource." Below this, there are two input fields: "User ID:" and "Password:". A "Login" button is positioned below the password field.

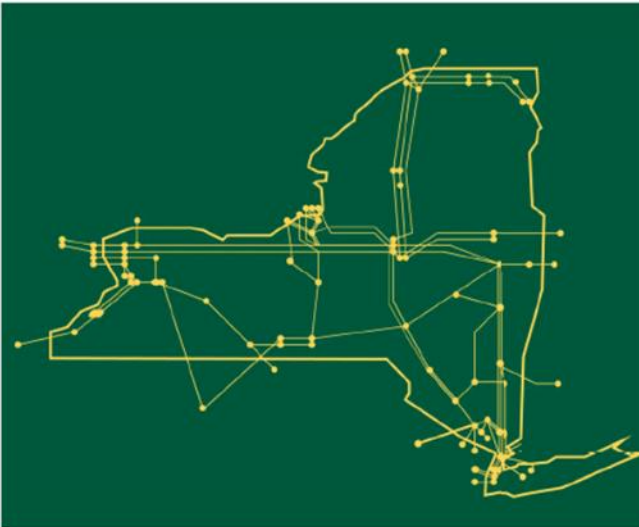
- ◆ Click on “User Login” to get to the DRIS Login screen
- ◆ Enter the MIS user name and password
- ◆ DRIS Dashboard is displayed



# Additional Training Material

- ◆ Scope of DRIS Training Sessions are limited to new functionality specific to each deployment
- ◆ DRIS User Guide  
[http://www.nyiso.com/public/markets\\_operations/documents/manuals\\_guides/index.jsp](http://www.nyiso.com/public/markets_operations/documents/manuals_guides/index.jsp)
- ◆ [http://www.nyiso.com/public/markets\\_operations/market\\_data/demand\\_response/index.jsp](http://www.nyiso.com/public/markets_operations/market_data/demand_response/index.jsp)
- ◆ All DRIS Training Materials  
[http://www.nyiso.com/public/markets\\_operations/market\\_data/demand\\_response/index.jsp](http://www.nyiso.com/public/markets_operations/market_data/demand_response/index.jsp)

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.



[www.nyiso.com](http://www.nyiso.com)