

Demand Response Information  
System (DRIS) Training for  
September 2010 Deployment  
Part 1 – Introduction to DRIS

**Stacia Wilcox**  
**New York Independent System Operator**

*August 26, 2010 1:00 pm – 4:00 pm*

*August 31, 2010 9:00 am – 12:00 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
- ◆ Part 3: SCR Auction Sales
  - *View Aggregation and Resource Sales*
  - *Allocate Partial Sales to Resources*
- ◆ Part 4: Market Participant Program Data
  - *Program Summary*
  - *Program Details*
  - *Program Enrollment*
- ◆ Part 5: Manage Organization Contacts
  - *Add and Maintain*
  - *Assign to Programs and Contact Types*
- ◆ Part 6: Deployment
  - *Additional Training Sessions*
  - *Deployment Activities*

# DRIS User Requirements

- ◆ NYISO Digital Certificate
  - *Steps to NYISO website page:*
    - Markets & Operations ->Customer Support ->Digital Certificate Info
  - *NYISO website link:*
    - <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

# DRIS User Privileges

- ◆ Only one User Privilege should be Assigned to each user
- ◆ DRIS Web UI MP *Read-Only* User
  - *View, track, and extract from the system data specific to the user's organization, including organization enrollment and contact management and data specific to the organization's resources, including resource enrollment, aggregation, strike price, UCAP data, and allocation of partial sales (as applicable based on the program(s) in which the organization has enrolled resources).*
- ◆ DRIS Web UI MP User
  - *All rights conferred by the DRIS Web UI MP Read-Only User privilege plus enroll organization and maintain organization contacts, and enroll and re-enroll resources; separate resources from a portfolio; cancel pending enrollment requests; and, for SCR resources, establish and manage aggregations and strike prices, download UCAP values, and allocate partial sales.*

# DRIS User Privileges

DRIS Function	DRIS Web UI MP User	DRIS Web UI Read-Only MP User
Enroll Resources	X	
View Resource Data	X	X
Request Aggregation	X	
Manage Resource Aggregation Assignments	X	
View Aggregation Assignments	X	X
Manage Strike Prices	X	
View Strike Prices	X	X
Export UCAP Values	X	X
View Auction Sales	X	X
Allocate Partial Auction Sales	X	
View Organization Program Data	X	X
Manage Organization Contacts	X	
View Organization Contacts	X	X

# Access to 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
- Services**
  - Financial Services [+]
  - Customer Registration
  - Market Training [+]
  - Market Monitoring [+]
  - Reliability Compliance
- Support

## Market Access Login

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

**Bidding & Scheduling**

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

**Settlement Data Exchange**

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

**ICAP Automated Markets**

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

**Demand Response Information System**

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

**TCC Automated Market**

- ▶ [\\* User Login](#)
- ▶ [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 \(read only\)](#)

**MIS Instructions**

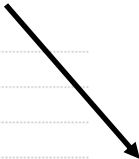
- ▶ [MIS Work Flows](#)
- ▶ [Market Participant User Guide \(MPUG\)](#)
- ▶ [Draft Bidding & Scheduling Error Messages](#)

**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**



7

# 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)

Markets & Operations >

**Market Data**

- Market & Operational Data [+]
- TCC
- ▶ **ICAP**
- Demand Response
- Ancillary Services

**Services**

- Financial Services [+]
- Customer Registration
- Market Training [+]
- Market **DRIS Login**
- Reliability Compliance

**Support**


- Customer Support
- Submit A Help Ticket

**Documents**


- Tariffs
- Manuals & Guides
- Technical Bulletins
- Legal & Regulatory
- Studies & Reports

## 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  
16:05:23 EDT


ICAP Resources	ICAP Market Access	ICAP Mailboxes
<ul style="list-style-type: none"> <li>▶ <a href="#">View Strip Auction Summary</a></li> <li>▶ <a href="#">View Monthly Auction Summary</a></li> <li>▶ <a href="#">View Spot Auction Summary</a></li> <li>▶ <a href="#">View Default Reference Prices</a></li> <li>▶ <a href="#">View Rebate Summary</a></li> <li>▶ <a href="#">View ICAP &amp; UCAP Calculations</a></li> <li>▶ <a href="#">View Event Calendar</a></li> <li>▶ <a href="#">ICAP Working Group Page</a></li> <li style="border: 2px solid red;">▶ <a href="#">Demand Response Information System</a></li> </ul>	 <p>Please Note: You will need a digital certificate in order to access ICAP.</p> <p><a href="#">ICAP Market Login »</a></p> <p><a href="#">ICAP Upload/Download »</a></p>	 <p><a href="#">DMNC Test Reporting »</a></p> <p><a href="#">GADS Data Reporting »</a></p> <p><a href="#">SCR Registration »</a></p>

### ICAP Documents & Resources

ICAP

Filter:

[View Details](#)

 Announcements



# 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

## Services

Financial Services [+]

Customer Registration

Market Training [+]

Market Monitoring [+]

Reliability Compliance

## Support

Customer Support

Submit A Help Ticket

## Documents

Tariffs

Manuals & Guides

Technical Bulletins

Legal & Regulatory

## 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.

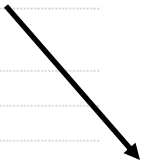
The NYISO's Day-Ahead Demand Response Program (DADRP) allows energy users to bid their load reductions, or "negawatts", into the Day-Ahead energy market as generators do. Offers determined to be economic are paid at the market clearing price. DADRP allows flexible loads to effectively increase the amount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

EDRP Mailbox »

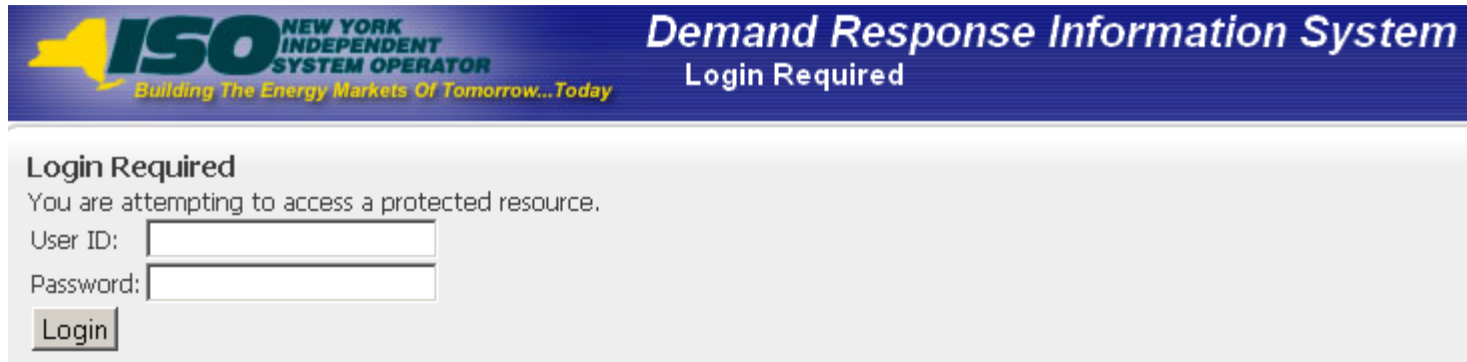
Login to DRIS »

DRIS Login



Demand Response Documents & Resources

# DRIS Login

A screenshot of the DRIS (Demand Response Information System) login page. The page has a dark blue header with the ISO NY logo on the left and the text "Demand Response Information System" and "Login Required" on the right. Below the header, the text "Login Required" is followed by "You are attempting to access a protected resource." There are two input fields: "User ID:" and "Password:". Below these fields is a "Login" button.

**ISO** NEW YORK INDEPENDENT SYSTEM OPERATOR  
*Building The Energy Markets Of Tomorrow...Today*

*Demand Response Information System*  
Login Required

Login Required  
You are attempting to access a protected resource.

User ID:

Password:

Login

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

# Additional Training Materials

- ◆ 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/market\\_access\\_login/index.jsp](http://www.nyiso.com/public/markets_operations/market_data/market_access_login/index.jsp)
  
- ◆ DRIS June 2010 Deployment Training Materials (June 8<sup>th</sup> PRLWG meeting materials)
  - [http://www.nyiso.com/public/markets\\_operations/committees/meeting\\_materials/index.jsp?com=bic\\_prlwg](http://www.nyiso.com/public/markets_operations/committees/meeting_materials/index.jsp?com=bic_prlwg)

# Additional Tools

- ◆ DRIS SCR Import Template
  - [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) (Special Case Resource ICAP Program folder)
  - [http://www.nyiso.com/public/markets\\_operations/market\\_data/icap/index.jsp](http://www.nyiso.com/public/markets_operations/market_data/icap/index.jsp) (*Forms folder*)
  
- ◆ DRIS EDRP Import Template
  - [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) (Emergency Demand Response Program folder)
  
- ◆ DRIS Partial Sales Reporting Import Template
  - [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) (Special Case Resource ICAP Program folder)
  - [http://www.nyiso.com/public/markets\\_operations/market\\_data/icap/index.jsp](http://www.nyiso.com/public/markets_operations/market_data/icap/index.jsp) (*Forms folder*)



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