

Part 1 – Introduction to DRIS Demand Response Information System (DRIS) Training for June 2012 Deployment

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New York Independent System Operator**

Friday, June 8, 2012 1:30 PM – 2:30 PM

Thursday, June 14, 2012 10:00 AM – 11:00 AM

Rensselaer, NY

Training Topics

- ◆ **Part 1: Introduction to DRIS**
 - *DRIS User Requirements*
 - *User Privileges*
 - *Access to DRIS*
- ◆ **Part 2: Event Notification Process**
 - *Types of Event Notifications*
- ◆ **Part 3: Event Notification with DRIS**
 - *Receive Event Notifications*
 - *Respond to Event Notifications*
 - *View Event Notifications*
- ◆ **Part 4: Communication Test**
- ◆ **Part 5: Notification Contacts**
 - *Manage Contacts*
- ◆ **Part 6: 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 several digital certificates per DRIS user: for Windows-based work, laptop, and home computers*
 - *Steps to NYISO website page to request:*
 - *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*

DRIS Market Participant User Privileges

- ◆ Only one User Privilege may 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, contact information, performance factor data and MP deficiencies, and data specific to the organization's resources, including resource enrollment, aggregation assignments, aggregation performance factor, strike price, UCAP data, allocation of partial sales, **event notification responses, resource** event responses, resources that may be subject to an Offer Floor price and SCR load zone peak hours (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; **respond to event notifications with expected curtailment values; acknowledge receipt of communication tests;** submit resource event responses, and, for SCR resources, establish and manage aggregations and strike prices, allocate partial sales, report Summer 2011 ACL verification data, and report Provisional ACL verification data.*

DRIS User Privileges

DRIS Function	DRIS Web UI MP User	DRIS Web UI Read-Only MP User	DRIS Web UI TO User
View SCR Load Zone Peak Hours	X	X	X
Import Resource TO Add-back kW Values			X
Enroll Resources	X		
View Resource Data	X	X	
View Resource TO Add-back kW Values	X	X	X
Request Aggregation	X		
Manage Resource Aggregation Assignments	X		
View Aggregation Assignments	X	X	
View Aggregation Performance Factors	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 SCR Resource Offer Floor Details	X	X	
View Event Notifications	X	X	
Respond to Event Notifications with Expected Curtailment Values	X		
Acknowledge Receipt of Communication Tests	X		
View Responses to Event Notifications	X	X	
View DR Event or Test Details	X	X	
Import Resource Event Responses	X		
View Event Response Data	X	X	
View Payment Details	X	X	
Export Event Payment Details	X	X	
Import Resource Summer 2011 ACL Verification Data	X		
View Resource Summer 2011 ACL Verification Data	X	X	
Import Resource Provisional ACL Verification Data	X		
View Resource Provisional ACL Verification Data	X	X	
View Organization Program Data	X	X	
View Organization SCR Program Performance Factor	X	X	
Manage Organization Contacts	X		
View Organization Contacts	X	X	

* Red font denotes new functionality for June 2012

Ways to Access DRIS

- ◆ NYISO Market Access Login
 - 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
- ◆ Demand Response Page
 - 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

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

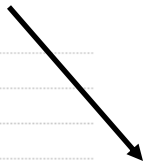
- ▶ [MIS Work Flows](#)
- ▶ [Market Participant User Guide \(MPUG\)](#)
- ▶ [Draft Bidding & Scheduling Error Messages](#)

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



ICAP Market Page

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 Monitoring

Reliability Compliance

Support

Customer Support

Submit A Help Ticket

Documents

Tariffs

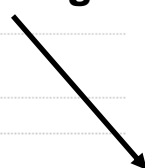
Manuals & Guides

Technical Bulletins

Legal & Regulatory

Studies & Reports

DRIS Login



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

- ▶ [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 Data Reporting »](#)

[SCR Registration »](#)

ICAP Documents & Resources

ICAP

 Announcements

Filter:

[View Details](#)

Demand Response Programs Page

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

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Manuals & Guides

Technical Bulletins

Legal & Regulatory

Demand Response Programs

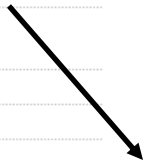
The NYISO has four Demand Response programs: the Emergency Demand Response Program (EDRP), the ICAP Special Case Resources (SCR) program, the Day Ahead Demand Response Program (DADRP) and the Demand Side Ancillary Services Program (DSASP).

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.

DRIS Login



EDRP Mailbox »

Login to DRIS »

Demand Response Documents & Resources

DRIS Login

A screenshot of the DRIS login interface. At the top, a blue banner contains the ISO logo on the left and the text "Demand Response Information System Login Required" on the right. Below the banner, the text "Login Required" is displayed, followed by the message "You are attempting to access a protected resource." There are two input fields: "User ID:" and "Password:". Below the password field 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 Login screen
- ◆ 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/market_data/demand_response/index.jsp

- ◆ All DRIS Training Materials
 - 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 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