

# Part 3 – Event Notification with DRIS

#### Demand Response Information System (DRIS) Training for June 2012 Deployment

Stacia Wilcox 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
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- Part 4: Communication Test
- Part 5: Notification Contacts
  - Manage Contacts
- Part 6: Deployment
  - Additional Training Sessions
  - Deployment Activities



# **MP Steps to Event Notification**

- 1. Receive Event Notification communication by email and phone
- 2. Log into DRIS
- 3. Respond with expected curtailment values
- 4. Be alert to receiving additional communications
  - Extension of existing Event
  - Early Termination of existing Event
  - Notification for additional zones being called
- 5. View Event Notifications and responses



## **Receive Event Notifications**



## **SCR Event Notifications**

- Market Participants will receive email and phone communications for SCR Event Notifications
  - Provided that the MP has an SCR resource enrolled in at least one zone or subload pocket included on the SCR Event Notification with auction sales greater than zero in the month of the event



## **EDRP Event Notifications**

- Market Participants will receive email and phone communications for EDRP Event Notifications
  - Provided that the MP has an EDRP resource enrolled in at least one zone or subload pocket on the EDRP Event Notification with a Declared Value greater than zero in the month of the event
  - Provided that the MP has an SCR resource enrolled in at least one zone or subload pocket on the EDRP Event Notification but the SCR resource has not sold capacity for the month of the event



## **SCR Test Event Notifications**

- Market Participants will receive email and phone communications for SCR Performance Tests
  - First Performance Test: For any SCR resource that is Enrolled at any time in the Capability Period on or before the date that is four business days prior to the date of the first test in the Capability Period (excluding the date of the test)
  - <u>Second Performance Test:</u> For any SCR resource that has an Enrolled status in the remainder of the Capability Period and was not eligible for the first performance test



## **Requirements to Receive Event Notification Communications**

- Contacts in DRIS must be given the "Event Responder" contact assignment
  - At least one Event Responder must have the DRIS Web UI MP User privilege to respond with expected curtailment values to an Event Notification
- All MP organizations should maintain an "Event Responder" contact for *both the SCR and EDRP programs* regardless of whether the MP has enrolled resources in both programs
  - Resources in the SCR program with no auction sales during the month of an Event will be notified to perform as an EDRP resource



## **Event Notification Communication**

- Email and phone notification will contain:
  - Notification Type
    - NYISO, TDRP, Performance Test 1, Performance Test 2
  - Program
  - Message Type
    - Day-Ahead Advisory, In-Day Advisory, 2-Hour Activation, Immediate Activation, Extension, Early Termination, Communication Test
  - Zones
  - Start Time of Event
  - End Time of Event
  - Date of Tests (for Performance Test notifications)



## **Event Notification Communication**

- The email will not contain a link to DRIS
  - The NYISO recommends each DRIS Web UI MP User create a bookmark to the DRIS site within browser Favorites or on the Desktop
  - Digital Certificates may be requested by MPs for more than one computer including for Windows-based work, laptop, and home computers
  - Digital Certificates may also be exported from one computer to another
    - Described in section 4.4.1 of the MPUG, "2. Export for Use on Another Computer"
    - <u>http://www.nyiso.com/public/webdocs/documents/guides/mpug</u>
       <u>.pdf</u>



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## **Example Email Message**

- Email from: <u>edrp-scr@nyiso.com</u>
- Email Subject Line:
  - Activation(2 Hour Notice) Notification for SCR Resources in Zones G,
     I, J, K starting on 05/24/2012 at 14:00 and ending at 18:00

#### Email Content:

Special Case Resources are needed today starting at 14:00 and ending at 18:00 Special Case Resources located in zones G, I, J, K are subject to this notice. Each Responsible Interface Party (RIP) must respond within one hour by logging into the NYISO Demand Response Information System (DRIS) and entering the load reduction levels (KWs) expected to be achieved on the system in each zone. This data is used for reliability purposes.

Participation in this event is mandatory for each Special Case Resource sold during 05/2012 and load reduction achieved by each Special Case Resource during this event is expected to be at the value of the KWs sold. Special Case Resources that fail to participate in this event at the value of the KWs sold during 05/2012 will be subject to future de-rating, as described in the applicable ISO Procedures and the corresponding RIPs may be subject to deficiency penalties pursuant to ISO Procedures.

This constitutes an official Special Case Resource Event Activation Two Hour notice. If any questions arise concerning this Special Case Resource Activation Two Hour notice please contact NYISO Customer Relations at 518-356-6060. © 2011 New York Independent System Operator, Inc. All Rights Reserved. DRAFT – FOR DISCUSSION PURPOSES ONLY



## **Phone Notification Steps**

- The automated phone message will begin with
  - "This is a message from the New York ISO"
  - The caller ID will display the NYISO Customer Relations number: 518-356-6060
- Press 1 to play the message
- After listening to the message
  - Press 1 to Confirm receipt of the message
  - Press 2 to Replay the message



## **Example Phone Message**

- Phone Caller ID: 518-356-6060
- Phone Introduction:
  - "This is a message from the New York ISO"
- Phone Message Content:

**Special Case Resources** are needed today starting at **14:00** and ending at **18:00**. Special Case Resources located in zones **G**, **I**, **J**, **K** are subject to this notice. Each Responsible Interface Party must respond within one hour in accordance with separate email instructions. Participation in this event is mandatory for each Special Case Resource sold during 05/2012 and load reduction achieved by each Special Case Resource during this event is expected to be at the value of the KWs sold. This constitutes an official Special Case Resource <u>Event Activation 2 Hour notice</u>. If any questions arise concerning this Special Case Resource Event 2 Hour notice please contact NYISO Customer Relations at 518-356-6060.





- MPs are expected to respond with expected curtailment values to the following types of Events and Tests:
  - <u>NYISO Events</u>: Day-Ahead Advisory, In-Day Advisory, Activation
     2 Hour, Immediate Activation
  - <u>TDRP Events</u>: Day-Ahead Advisory, In-Day Advisory, Activation
     2 Hour, Immediate Activation
  - <u>Performance Tests</u>: Day-Ahead Advisory, Activation 2 Hour
- MPs are not expected to respond to Extension or Early Termination messages
- MPs are expected to respond with an acknowledgement of receipt to a Communication Test



## View Event Notifications which Require a Response

#### From the DRIS menu select Notification and then Respond

Building The	NEW YORK INDEPENDENT SYSTEM OPERAT Energy Markets Of T	OR N	nand Response		mation Syst	em			
Main • MP • Resource	ce 🔹 SCR 👻 Perfo	ormance Factors 🝷 DR Ev	ent ▼ Mitigation ▼ Tables	Notification	•				
				Summ	ary				
Capability Period:		<ul> <li>Notification Typ</li> </ul>	e:	Respo	nd (hy	✓ Include I	Expired: N		
Events From Date:	05/24/2012	× 🖸 Progra	m:	Respo	nse Summary	~		Display	
Notification Requiring	a Response Sumi	mary		$\sim$					
Capability Period	Notification Type	Notice Date/Time	Message Type	Program	Event Start Date/Time	Event End Date/Time	Zones	Response Expiration Date/Time	Notification Created By
Summer 2012	NYISO Event	05/24/2012 08:00	Day-Ahead Advisory	SCR	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:00	NYISO
Summer 2012	NYISO Event	05/24/2012 08:01	Day-Ahead Advisory	EDRP	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:01	NYISO

Total count: 2 Respond Ba Excel



# View Event Notifications which Require a Response

- The Notification Responses screen is displayed with the following defaulted search criteria
  - Events From Date equal to the system date
  - Event Notifications which have not expired

	NEW YORK INDEPENDENT SYSTEM OPERAT Energy Markets Of To	OR No	nand Response		rmation Sys	tem				
Main - MP - Resource	ce 🕶 SCR 👻 Perfo	rmance Factors - DR Eve	ent 🕶 Mitigation 👻 Tables 👻	Notification	-					
	Capability Period: <ul> <li>Notification Type:</li> <li>Message Type:</li> <li>Include Expired:</li> <li>N</li> <li>Program:</li> <li>Zone:</li> <li>Display</li> </ul>									
Notification Requiring	a Response Summ	nary								
Capability Period	Notification Type	Notice Date/Time	Message Type	Program	Event Start Date/Time	Event End Date/Time	Zones	Response Expiration Date/Time	Notification Created By	
Summer 2012	NYISO Event	05/24/2012 08:00	Day-Ahead Advisory	SCR	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:00	NYISO	
Summer 2012	NYISO Event	05/24/2012 08:01	Day-Ahead Advisory	EDRP	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:01	NYISO	

Total count: 2 Respond Ra Excel



### **Notification Response Summary Data**

- Capability Period: Capability Period of the Event
   Notification
- Notification Type: Type of Event Notification
  - NYISO, TDRP, Performance Test 1, Performance Test 2
- Notice Date/Time: Date and time when the Event
   Notification was created and distributed
- Message Type: Type of Event Notification Message
  - Day-Ahead Advisory, In-Day Advisory, 2-Hour Activation, Immediate Activation, Extension, Early Termination, Communication Test
- Program: Program associated with the Event Notification
   SCR or EDRP



## **Notification Response Summary Data**

- Event Start Date/Time: Date and time the Event begins
- Event End Date/Time: Date and time the Event ends
- Zones: Zone(s) or Subload Pocket(s) associated with the Event Notification
- Response Expiration Date/Time: Date and time past which expected curtailment responses to the Event Notification will no longer be accepted
- Notification Created By: Displayed as NYISO



## **Response Expiration Date/Time**

- The Response Expiration Date/Time of an Event Notification is based on the Notice Date/Time
- All responses for expected curtailment values must be provided within 1 hour of the Notice Date/Time



## **Response Expiration Date/Time**

- Once the Response Expiration Date/Time has passed, MPs will not be able to enter an expected curtailment value for the Event Notification
- MPs and their resources are expected to reduce load during the hours of the Event even if the MP has not entered the expected curtailment values before the Response Expiration Date/Time



#### **Extension and Early Termination Notifications**

- Message Types of Extension and Early Termination do not require a response and will not appear on the *Notification Responses* screen
- View information of an Event Notification for an Extension or Early Termination on the *Notification Summary* screen
  - Slides 34 40 in this section



 From the section of the screen labeled Notification Requiring a Response Summary, highlight an Event Notification row and select "Respond"

	NEW YORK INDEPENDENT SYSTEM OPERAT Energy Markets Of To	on No	nand Response tification Responses		mation Syste	em			
Main 🔹 MP 🝷 Resourc	ce 🔹 SCR 👻 Perfo	rmance Factors 🝷 DR Eve	ent 🔹 Mitigation 👻 Tables 💌	Notification	•				
Capability Period:		<ul> <li>Notification Typ</li> </ul>	e:	<ul> <li>Messa</li> </ul>	age Type:	✓ Include	Expired: N		
Events From Date:	05/24/2012	× 🖸 Program	n:	•	Zone:	•		Display	
Notification Requiring	a Response Sumn	nary							
Capability Period	Notification Type	Notice Date/Time	Message Type	Program	Event Start Date/Time	Event End Date/Time	Zones	Response Expiration Date/Time	Notification Created By
Summer 2012	NYISO Event	05/24/2012 08:00	Day-Ahead Advisory	SCR	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:00	NYISO
Summer 2012	NYISO Event	05/24/2012 08:01	Day-Ahead Advisory	EDRP	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:01	NYISO
								Tota	I count: Respond



- The Notification Response window provides:
  - Text of email from the Event Notification message
  - Zone(s) from the Event Notification specific to the MP organization
  - Total kW Available for curtailment by Zone

Email Message Sent:       A NYISO Day-Ahead Advisory for the SCR program is being called starting at hour 14:00 and ending at hour 18:00 on 05/25/2012 for zones (G, I, J, K).         Notification Responses         Zone       MP Name       Total kW Available       Expected kW Commitment       Not Participating       Response User       Response Date/Time         J       Market Participant       25,000       Image: Commitment       Not Participating       Response User       Response Date/Time         K       Market Participant       1,900       Image: Commitment       Not Participating       Response User       Response Date/Time
Zone     MP Name     Total kW Available     Expected kW Commitment     Not Participating     Response User     Response Date/Time       J     Market Participant     25,000     Image: Commitment     Not Participating
J Market Participant 25,000
K Norket Participant 4 000
K Market Participant 1,900



- Notification Response window data
  - Email Message Sent: Text of email from Event Notification
  - Zone(s): Zone(s) from Event Notification in which the MP organization has available kW to curtail
  - Total kW Available: value of kW available to curtail within the zone
  - Expected kW Curtailment: Curtailment kW value specified by MP for the zone
  - <u>Not Participating</u>: Checked when MP has indicated that no curtailment will occur in the zone
  - Response User: DRIS Web UI MP User who submitted the response
  - Response Date/Time: Date/time that response was submitted



Notificati	on Response				×
Email	Message Sent:	program is being cal	f Advisory for the SCR led starting at hour 14:0 18:00 on 05/25/2012 fo	DO or	
Notificat	tion Responses				
Zone	MP Name		Total kW Available	Expected kW Commitment Not Participating Response User Response Date/Time	
J	Market Particip	ant	25,000		
К	Market Particip	ant	1,900		
•	- Hig	ghlight the	e row of the	d kW Commitment: e Zone / Commitment field to make it editable	
Save	Cancel				



- To enter the Expected kW Commitment:
  - Enter kW value for the zone

Email Message Sent:       A NYISO Day-Ahead Advisory for the SCR program is being called starting at hour 14:00 and ending at hour 18:00 on 05/25/2012 for zones (G, I, J, K).         Notification       Responses         Zone       MP Name       Total kW Available       Expected kW Commitment       Not Participating       Response User       Response Date/Time         J       Market Participant       25,000       20,000       Image: Commit	Votificati	on Response							
Zone     MP Name     Total kW Available     Expected kW Commitment     Not Participating     Response User     Response Date/Time       J     Market Participant     25,000     Image: Commitment     Not Participating     Response User     Response Date/Time	Email	p	rogram is being cal nd ending at hour	led starting at hour 14:00	) r V				
J Market Participant 25,000 🖸	Notifica	tion Responses							
	Zone	MP Name		Total kW Available	Expected kW Commitment	Not Participating	Response User	Response Date/Time	
K Market Participant 1,900	J	Market Participa	nt	25,000 🤇	20,000				
	к	Market Participa	nt	1,900					
	Save	Cancel							



- MPs may also indicate that no curtailment will be provided for a specific zone
  - Check the Not Participating box corresponding to the zone
  - A zero Expected kW Commitment will automatically be populated for the

zone

Notificati	on Response						×
Email	Message Sent: A NYISO Day-Ahead program is being ca and ending at hour zones (G, I, J, K).	d Advisory for the SCR lled starting at hour 14:00 18:00 on 05/25/2012 for					
Notifica	tion Responses						
Zone	MP Name	Total kW Available	Expected kW Commitment	Not Participating	Response User	Response Date/Time	
J	Market Participant	25,000	20,000				
к	Market Participant	1,900	0				
Save	Cancel						



Click "Save" to save response values for the Event Notification

Notificat	ion Response							>
Emai		program is being cal	Advisory for the SCR led starting at hour 14:00 18:00 on 05/25/2012 for					
Notifica	tion Responses							
Zone	MP Name		Total kW Available	Expected kW Commitment	Not Participating	Response User	Response Date/Time	
J	Market Particip	ant	25,000	20,000				
к	Market Particip	ant	1,900	0				
Save	Cancel							



#### **View Response to an Event Notification**

 DRIS returns to the Notification Responses screen with response details viewable on the lower portion of the screen

Capability Per	od:	<ul> <li>Notification Type</li> </ul>	e:	✓ Mes	ssage Type:		✓ Includ	le Expired: N	~			
	te: 05/24/2012	× 🖻 Program		~	Zone:		~		(	Display		
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ability Period	Notification Type	Notice Date/Time	Message Type	Program	n Event Start Date/Time	Event En Date/Tim		Zones		Response Expiration Date/Time	Notification Created By	
ummer 2012	NYISO Event	05/24/2012 08:00	Day-Ahead Advisory	SCR	05/25/2012 14:0	00 05/25/20	12 18:00	G, I, J, K		05/24/2012 10:00	NYISO	
ummer 2012	NYISO Event	05/24/2012 08:01	Day-Ahead Advisory	EDRP	05/25/2012 14:0	00 05/25/20	12 18:00	G, I, J, K		05/24/2012 10:01	NYISO	
ication Respon	ISAS									Tota	al count: 2 Respond	i≊a
	ises	Total kW Available	Expected KW Cor	mmitment	Not Participating	Response User	Response (	Date/Time		Tot	al count: 2 Respond.)	<b>Z</b>
		Total kW Available 25,000	Expected kW Cor 20,000	mmitment	Not Participating	Response User User Name	Response I 05/24/2012			Tot	al count: 2 Respond	
	rticipant			mmitment				08:12:22		Tot	al count: 2 Respond	



#### **View Response to an Event Notification**

DRIS returns to the *Notification Responses* screen with response details viewable on the lower portion of the screen

Events From Date:       DS/24/2012       Image:       Image: <t< th=""><th></th><th></th><th></th><th></th><th>-</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>					-								
Alexan Requires A Requests Summer parking Area parking A							te Expired: N	Display					
Spanner 2012         Type         Total Market Participant         Spanner 2012         Market Participant         Spanner 2													
Summer 2012 IV/ISO Event 0524/2012 08 01 Day-Ahead Advisory EDRP 05/25/2012 18:00 0, I.J.K 05/24/2012 18:01 IV/ISO Tetal count: 2 Response Interfaction Response Interfaction Response Interfaction 25:000 20:009 USE IV/Commitment Not Participating Response Outer/Time Marriel Participant 25:000 20:009 USE IV/Commitment 05/24/2012 08:12:22 Marriel Participant 1,000 0 USEr Name 05/24/2012 08:12:22 Marriel Participant 1,000 0 USEr Name 05/24/2012 08:12:22 Marriel Participant 1,000 0 USER Name 05/24/2012 08:12:22 Marriel Participant 1,000 0 ISE IV/Commitment Not Participating Response Outer Name 05/24/2012 08:12:22 Marriel Participant 1,000 0 ISE IV/Commitment Not Participating Response Outer Name 05/24/2012 08:12:22 Marriel Participant 1,000 0 ISE IV/Commitment Not Participating Response Outer Name 05/24/2012 08:12:22 Marriel Participant 1,000 0 ISE IV/Commitment Not Participating Response Outer Name 05/24/2012 08:12:22 Marriel Participant 1,000 0 ISE IV/Commitment Not Participating Response Outer Name 05/24/2012 08:12:22 Marriel Participant 1,000 0 ISE IV/Commitment Not Participating Response Outer Name 05/24/2012 08:12:22 Marriel Participant 1,000 0 ISE IV/Commitment Not Participating Response Outer Name 05/24/2012 08:12:22 Marriel Participant 1,000 0 ISE IV/Commitment Not Participating Response Outer Name 05/24/2012 08:12:22 Marriel Participant 1,000 0 ISE IV/Commitment Not Participating Response Outer Name 05/24/2012 08:12:22 Marriel Participant 1,000 ISE IV/Commitment Not Participating Response Outer Name 05/24/2012 08:12:22 Marriel Participant 1,000 ISE IV/Commitment Not Participating Response Outer Name 05/24/2012 08:12:22			Message Type	Program	Event Start Date/Time	Event End Date/Time	Zones		Notification Created By				
titat count: 2 Response ne MP name Total IVV Avaiable Expanded VV Commitment Not Partopating Response Date/Time Market Participant 25,000 20.000 U User Name 05/24/021 20 1:22 Market Participant 1,000 0 V User Name 05/24/021 20 1:22													
	MP Name Market Participant Market Participant	25.000 .1.900	20.000	mmitment Not	Use V Use	Name 05/24/2012	08.12.22		W Commitment	Not Participating	Response User	Response Date/Time	
J Market Participant 25,000 20,000 🔲 User Name 05/24/2012 08:12:22	Merker Participant	cation Response	20,000 0 5	mmitment Not	Due Use	Name 05242012 Name 05242012	08.12.22	Expected		Not Participating			



- MPs may update expected curtailment values to an Event Notification multiple times prior to the Response Expiration Date/Time
  - The zonal response expected curtailment value with the most recent submittal date will be saved in DRIS
  - The Response User entering the response with the most recent submittal date will be saved with the Event Notification
- The Expected kW Commitment may be greater than the Total kW Available
  - DRIS will provide a Warning Message when the Expected kW Commitment exceeds 110% of the Total kW Available
  - Accept the Warning Message and the value will be saved



 To save the Expected kW Commitment value greater than 110% of the Total kW Available, click "OK" to the Warning Message and the value will be saved

Notificati	ion Response						×
Email	program and end	) Day-Ahead Advisory for the S is being called starting at hour ing at hour 18:00 on 05/25/20 G, I, J, K).	14:00				
Notifica	tion Responses	, , , , , NJ.					
Zone	MP Name	Total kW Available	Expected kW Commitment	Not Participating	Response User	Response Date/Time	
J	Market Participant	25,000	35,000		User Name	05/24/2012 08:17:35	
К	Market Participant	1,900	0		User Name	05/24/2012 08:12:22	
		Warning				X	
		_	r than 110% of Available kW	for zone(s) or su	ıb-load pocket(		
			ок				
Save	Cancel						



## **Expired Event Notification**

- DRIS will not accept any responses after the Response Expiration Date/Time
- After electing to save the response, an Exception Message will appear if the Response Expiration Date/Time has past

Notificatio	Exceptions				×	×
	Field Name	Field Value	Exception Code	Unique Id		
Email I	Response Expiration Date	05/24/2012 10:00:54	The time for responding to the notification has expired	Response Expiration		
Notificat						
Zone						
J						
K						
Save						





- Provides MPs with an historical summary of Event Notifications going forward
  - Capability Period
  - Specific Date
  - Notification Type
  - Message Type
  - Program
  - Zone
- Includes visibility to all Event Notifications issued by NYISO, including notifications for which an MP organization may not have been eligible to participate



• From the DRIS menu select Notification and then Summary

Demand Response Information System Notification Summary										
Main - MP - Resourc	ce 🔹 SCR 👻 Perfo	rmance Factors 🝷 DR Eve	ent 🔹 Mitigation 🔹 Tables 🔹	Notification	•					
				Summa	ary ghy					
Capability Period:	:	<ul> <li>Notification Typ</li> </ul>	e:	Respo		~				
Events From Date:	05/24/2012	× 🖻 Progra	n:	Respo	nse Summary	▼ Displa	У			
Notification Summary	,									
Capability Period	Notification Type	Notice Date/Time	Message Type	Program	Event Start Date/Time	Event End Date/Time	Zones	Response Expiration Date/Time	Notification Created By	
Summer 2012	NYISO Event	05/24/2012 13:29	Extension	SCR	05/24/2012 14:00	05/24/2012 20:00	J		NYISO	
Summer 2012	NYISO Event	05/24/2012 13:08	Communication Test		05/24/2012 13:08	05/24/2012 14:30		05/24/2012 14:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 12:50	Activation(2 Hour Notice)	EDRP	05/24/2012 14:00	05/24/2012 18:00	G, I, J, K	05/24/2012 13:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 12:49	Activation(2 Hour Notice)	SCR	05/24/2012 14:00	05/24/2012 18:00	G, I, J, K	05/24/2012 13:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 08:01	Day-Ahead Advisory	EDRP	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:01	NYISO	
Summer 2012	NYISO Event	05/24/2012 08:00	Day-Ahead Advisory	SCR	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:00	NYISO	
								Total c	ount: 6	a Excel



- The Notification Summary screen is displayed with the following defaulted search criteria
  - Events From Date set equal to the system date and displays Event Notifications with an Event End Date greater than or equal to the Events From Date
  - Select additional search criteria to further limit or expand results

Demand Response Information System Suilding The Energy Markets Of TomorrowToday										
Main • MP • Resource • SCR • Performance Factors • DR Event • Mitigation • Tables • Notification •										
[										
Capability Period: V Notification Type: V Message Type: V										
Events From Date	: 05/24/2012	× Progra	m:	~	Zone:	▼ Disp	av			
							-7			
Notification Summar	/									
Capability Period	Notification Type	Notice Date/Time	Message Type	Program	Event Start Date/Time	Event End Date/Time	Zones	Response Expiration Date/Time	Notification Created By	
Summer 2012	NYISO Event	05/24/2012 13:29	Extension	SCR	05/24/2012 14:00	05/24/2012 20:00	J		NYISO	
Summer 2012	NYISO Event	05/24/2012 13:08	Communication Test		05/24/2012 13:08	05/24/2012 14:30		05/24/2012 14:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 12:50	Activation(2 Hour Notice)	EDRP	05/24/2012 14:00	05/24/2012 18:00	G, I, J, K	05/24/2012 13:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 12:49	Activation(2 Hour Notice)	SCR	05/24/2012 14:00	05/24/2012 18:00	G, I, J, K	05/24/2012 13:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 08:01	Day-Ahead Advisory	EDRP	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:01	NYISO	
Summer 2012	NYISO Event	05/24/2012 08:00	Day-Ahead Advisory	SCR	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:00	NYISO	
								Total	count: 6	a] Excel



- From the *Notification Summary* screen view all Message Types
  - Advisories: Day-Ahead, In-Day
  - Activations: 2-Hour, Immediate
  - Extension and Early Termination
  - Communication Test

Demand Response Information System System Operator Building The Energy Markets of TomorrowToday										
Main • MP • Resource • SCR • Performance Factors • DR Event • Mitigation • Tables • Notification •										
Capability Period: V Notification Type: V Message Type: V										
Events From Date	: 05/24/2012	× 🖻 Progr	am:	~	Zone:	V Dis	play			
	00/21/2012					Dis	piay			
Notification Summary	/									
Capability Period	Notification Type	Notice Date/Time	Message Type	Program	Event Start Date/Time	Event End Date/Time	Zones	Response Expiration Date/Time	Notification Created By	
Summer 2012	NYISO Event	05/24/2012 13:29	Extension	SCR	05/24/2012 14:00	05/24/2012 20:00	J		NYISO	
Summer 2012	NYISO Event	05/24/2012 13:08	Communication Test		05/24/2012 13:08	05/24/2012 14:30		05/24/2012 14:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 12:50	Activation(2 Hour Notice)	EDRP	05/24/2012 14:00	05/24/2012 18:00	G, I, J, K	05/24/2012 13:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 12:49	Activation(2 Hour Notice)	SCR	05/24/2012 14:00	05/24/2012 18:00	G, I, J, K	05/24/2012 13:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 08:01	Day-Ahead Advisory	EDRP	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:01	NYISO	
Summer 2012	NYISO Event	05/24/2012 08:00	Day-Ahead Advisory	SCR	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:00	NYISO	
								Total	count: 6	a Excel



 Message Types of Extension or Early Termination do not require a response from MPs and do not have a Response Expiration Date/Time

Energy Markets Of TomorrowToday										
Main • MP • Resource • SCR • Performance Factors • DR Event • Mitigation • Tables • Notification •										
Capability Period	Capability Period: 🗸 Notification Type: 🗸 Message Type:									
Events From Date	: 05/24/2012	× 🖸 Progra	m:	~	Zone:	▼ Dis	play			
Notification Summary	/									
				1					1	
Capability Period	Notification Type	Notice Date/Time	Message Type	Program	Event Start Date/Time	Event End Date/Time	Zones	Response Expiration Date/Time	Notification Created By	
Summer 2012	NYISO Event	05/24/2012 13:29	Extension	SCR	05/24/2012 14:00	05/24/2012 20:00	J	$\bigcirc$	NYISO	
Summer 2012	NYISO Event	05/24/2012 13:08	Communication Test		05/24/2012 13:08	05/24/2012 14:30		05/24/2012 14:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 12:50	Activation(2 Hour Notice)	EDRP	05/24/2012 14:00	05/24/2012 18:00	G, I, J, K	05/24/2012 13:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 12:49	Activation(2 Hour Notice)	SCR	05/24/2012 14:00	05/24/2012 18:00	G, I, J, K	05/24/2012 13:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 08:01	Day-Ahead Advisory	EDRP	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:01	NYISO	
Summer 2012	NYISO Event	05/24/2012 08:00	Day-Ahead Advisory	SCR	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:00	NYISO	
								Total (	count: 6	a Excel

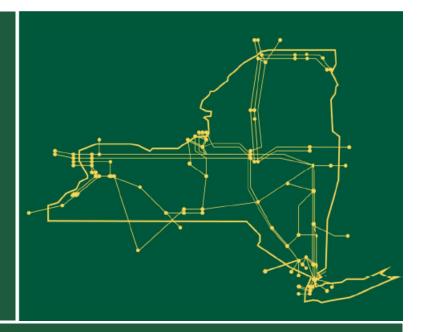


• A Message Type of Communication Test will not be associated with a specific Program or Zone

Demand Response Information System System Operator Building The Energy Markets Of TomorowToday										
Main • MP • Resource • SCR • Performance Factors • DR Event • Mitigation • Tables • Notification •										
Capability Period	Capability Period: 🔹 💌 Notification Type: 💌 Message Type: 💌									
Events From Date	: 05/24/2012	× 🖪 Progra	im:	v	Zone:	▼ Dis	play			
Notification Summary	/									
Capability Period	Notification Type	Notice Date/Time	Message Type	Program	Event Start Date/Time	Event End Date/Time	Zones	Response Expiration Date/Time	Notification Created By	
Summer 2012	NYISO Event	05/24/2012 13:29	Extension	SCR	05/24/2012 14:00	05/24/2012 20:00	J		NYISO	
Summer 2012	NYISO Event	05/24/2012 13:08	Communication Test	$\bigcirc$	05/24/2012 13:08	05/24/2012 14:30	$\bigcirc$	05/24/2012 14:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 12:50	Activation(2 Hour Notice)	EDRP	05/24/2012 14:00	05/24/2012 18:00	G, I, J, K	05/24/2012 13:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 12:49	Activation(2 Hour Notice)	SCR	05/24/2012 14:00	05/24/2012 18:00	G, I, J, K	05/24/2012 13:30	NYISO	
Summer 2012	NYISO Event	05/24/2012 08:01	Day-Ahead Advisory	EDRP	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:01	NYISO	
Summer 2012	NYISO Event	05/24/2012 08:00	Day-Ahead Advisory	SCR	05/25/2012 14:00	05/25/2012 18:00	G, I, J, K	05/24/2012 10:00	NYISO	
								Total	count: 6	a Excel



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.



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