

Transmission Outage Scheduler Graphical User Interface

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Transmission Owner/Operator October 2010 Rensselaer, NY

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Training Objective

At the conclusion of this session participants will:

Administrators

- understand how to grant Outage Scheduler access to their users.
- understand how to grant authority to schedule transmission outages.

Application Users

- be able to access the NYISO Outage Scheduler & understand the function of the displays.
- understand the minimum set of information required for a valid outage request & how to submit it to the NYISO.
- understand the states assigned to a request during the outage request processing.
- understand the time-line for NYISO & TO evaluation and response.



Terms

- CRD NYISO Customer Relations Dept
- GO Generator Owner
- PTID Point Identifier
- SA Switching Authority
- TO Transmission Owner
- TOA Transmission Outage Application



Administrator Topics





Address in https://marketplacetest.nyiso.com	/OrganizationAdmin.do			
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Company	Newsroom Produ	acts Market Data Se	ervices Docum	ents Committees
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HAM Energy	HAM Transactions	Virtual Load	ТСС	
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Organization Details		Edit Org	Delete Org A	add Org
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Authorization Flags				
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Privileges				



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2- Highlight the user you want to grant Outage Scheduler privileges											
			3- Sele	ct the Deta	ails butto	on.					
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Details 3											
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	Bob Robertson	BIGBOB	Y	BobCo			NYISO CUSTOME	R	Details
Contact Information	n								
Primary Contact Phor	ne: 123-555-1212			Sec	ondary Contact	t Phone:			
Fax:				Add	_{ress:} 4 Bobwhite	Lane	1- This use	r daes	~
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Application User Topics



Outage Schedule Access

URL for the Outage Scheduler Application

www.nyiso.com/public/markets_operations/market_data//market_access_login/index.jsp

NYISO Home Page P

Markets & Operations P.

Market Data – Market Access Login A

Outage Schedule (TOA) – User Login

Selecting the Outage Scheduler link accesses the log-in screen used for both the generation and transmission outage requests.

Outage Scheduler Login Link



Outage Scheduler Login Link



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Outage Scheduler Login Link

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ICAP	*SDXUpload/Download		*UserLogin		Please	Note: * Requires A	Valid NYISO Digital
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Ancillary Services	SDX User's Guide	•	DSS Document		Need He	elp? Got a Questio	n? Should you
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Customer Registration	*ICAP Upload/Download	i da	ower Contracts Bull	etin Board (IRC)			
MarketTraining [+]	 ICAP Automated Market User's Gu 		ower contracts bui	eun board (INC)			
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Support	 DRIS User Guide 		view as Guest(rea	<u>u onivi</u>			
Customer Support							
Submit A Help Ticket							



Login Page





TO Outage Scheduler Main Menu





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Transmission Outage Request General Tab

🕌 TOA at 64.79.115.235 - (User: albertto, User Type: to_user, Organization: NGRID)	
Outage Request Entry Outage Request List Pending Transmission Request Pending Generation Request Link	
2 Outage Request Entry	Ð
TO Outage Request Entry Outage ID:	Revision #:
Status Bar: Created Submitted to ISO Evaluating TO Approved ISO Approved Approved Denied Modified Cancelled	
Status. 3 Created By Date Created. TO Outage ID:	
General Sci Contact History	
Requested By: MGrid Work Assignment: Posted Reason:	*
Request Type: Emergency Restoration Time:	*
Description of Work	
Comments	
Required fields have a blue background	
NYISO Filters Voltage: Station: £ Equipment Type:	
TO Equipment Name TO ID TO Substation NYISO Equipment Name PTID ARR Outage Type	Switching
This form is used to enter summary information for an outage request. User	will
optor information including request type, schedule type, amerganov restaration	
enter information including request type, schedule type, entergency restoration	
time, description of work, comments, and an outage type for each element id	
- (PTID) that pertains to the outage	
Autor Audit Trail Print to File Spell Check Exit	
Record 1/1 <080>	

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Transmission Outage Request Schedule Tab

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General <u>Schedule</u>	Contact History Start:	🔟 End:			Select Equipmen	t Apply)
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Transmission Outage Request Contact Tab

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Required Information		Save Action	Audit Trail Print to Fil	e Spell Check	Exit	Automatic Information
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Transmission Outage Request <u>History Tab</u>

Outage Request Entry Outage Request List Pending Transmission Request Link Image: Outage Request Entry Outage ID: Revision #: Status Bar: Created Submitted to ISO Evaluating TO Approved ISO Approved Denied Modified Cancelled Status Created Submitted to ISO Evaluating TO Approved ISO Approved Denied Modified Cancelled Status Created By Date Created: TO Outage ID: Alternate Dates Status Person Name Status Date Detail Exception Statu End This form is used to display the history of the Outage Request. All status changes that take place will be displayed here. Created here. Created here.	🍰 TOA at 64.79.115.	235 - (User: albertt	to, User Type: to_user	, Organization: NG	RID)			
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Required Information

Record: 1/1

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Print to File Spell Check

Audit Trail

Action

Save

Exit

Automatic Information



Request Status Conditions

- Created Entry has been saved.
- Submitted to ISO– Created request has been sent to the NYISO &TOs for evaluation.

Evaluating – NYISO has begun the request evaluation.



Request Status Conditions

 TO Approved – Request has been approved by the associated TOs.

 ISO Approved – Request has been approved by the NYISO.

 Approved – Request has been approved by both the associated TO and the NYISO.



Request Status Conditions

- Denied Either the NYISO or TO has denied the request. Reason and alternate dates are required.
- Modified A request previously approved or denied is being or has been changed. Reason for modification is required.
- Cancelled A request that was cancelled by the request author. Reason is required to be entered. Cancellation is nonreversible.



Action Tool Bar

🗑 Action	10000000	0000000000						
	Save	Delete	Submit	Deny	Modify	Cancel	Return	

This dialog box will appear when the Action button is selected.

The functions that are not allowed due to the status of the outage request will be grayed out.



Action Buttons

- Save Information entered on display is captured and saved.
- Delete Remove the selected request from the database. Not available after submitting the request for evaluation.
- Submit Submit the info for NYISO/TO evaluation.



Action Buttons

- Modify –Allows TO to edit an Approved or Denied request. A reason is required.
- Cancel Changes the status of the request to Cancelled. A reason is required. Info remains in the database. This status can not be reversed.
- Return Closes the action bar without action.



Next Possible Action

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	ISO	\checkmark			\checkmark			\checkmark	
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	SA								
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Approved	ISO							\checkmark	
	TO							\checkmark	
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	ISO								
Denied	TO								
	SA								



Action Buttons

- Action Causes the Action Bar to appear as a dialog.
- Audit Trail Display the change history for the selected row.
- Print to File Information entered in the form will be written to a template that can be saved or printed.



TO Outage Request List-Audit

🕏 TOA at 64.79.115.235 - (User: albertto, User Type: to_user, Organization: NGRID)												
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Outage Request List Cancelled, Denied or Completed Requ												mpleted Request
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Transmission/Generation 🗶 Request Type 🗶 Status)			
Ref. ID) Rev. #	TO ID Equipme		ent Name 🏾 👔		Schedule St	ule Start Schedule End		Actual Start	Actual End	Outage_Type	Status
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10-0061						Outage iD	0-00018	Dete		D		eated
10-0061	NYISO	Creater	ITX Type	B. Bobinson	erson Na	me	109/08/2	Uate		Reason.Comme	m	eated
10-0061	NYISO	Data M	odified	B Bobinson			09/08/2	10 13:57:08	-			eated
10-0061	NYISO	Data M	odified	B. Bobinson	B Bobinson		09/08/2	010 13:57:08	-			eated
10-0061	NYISO	Data M	odified	B. Bobinson	B Bobinson		09/08/2	010 13:57:08	1			eated
10-0061	NYISO	Data M	odified	R. Robinson	R. Robinson		09/08/2	010 13:57:08	1			eated
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10-0061	to_user	Data M	odified	T. Lizard	T. Lizard		09/08/2	010 14:00:16	1			eated
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Action Buttons

 Spell Check – Performs a spell check on the contents of the active field.

• Exit – Exits the current display.



🎒 TOA at ppr	z 3was 3	3 - (User: wilbero, User Type: NYISO, Organiza	ation: NYISO)			
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Choices in list: Record: 1/1	2	<08C>	•			







Print to File Action

	ъ	ransmiss	ion O	utage Rep	oort		Page 1 of 1			
Outage ID: <u>1</u> Related Outa	0-00799 Revision ge ID:	#:_1	ous o	utage ID 040	Q	Status: Approv	ed			
Created By: John Smith Date Created: 02/09/2010 1457 Requested By NGrid										
Request Type Scheduled Routine Maintenance Sched						redule Type: Continuous				
Description o DC Trip Coil \ Comments:	of Work: /erification				Emergency Res	tore Time: <u>2.</u> H	lours			
Ref. ID#	Equipment Name	PTID	Outage Type	Schedule Start	Schedule End	Actual Start	Actual End			
10-00777-1 A	ABCD345KV_R100	12345	O/S	05/05/2010 1200	05/05/2010 1500					
Local Genera	tion Impacted:									
Generator N	ame	PTID		Impact		Max. Unit Outpu	it			
					Q					


🛎 TOA at ppra	z 3was 38	- (User: wilbero, User	Type: NYISO, Organiz	zation: NYISO)				
Outage Reques	t Entry	Outage Request List	Outage Request Report	Generator Repo	orts Pendiny L	list Link		
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<u>_</u>	50;	YEW YORK NDEPENDENT YSTEM OPERATOR	Pen	Transmissi ding Reque	on est List			
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🚳 TOA at ppr	z 3was 38	- (User: wilbero, User Type: NYISO, Organiz	zation: NYISO)					\mathbf{X}			
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Record: 1/1			>								

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Equipment Aliasing

The TOA application includes an aliasing function that supports the translation of transmission system device name and configurations between the NYISO model and TO and external Control Area models.

- Aliased devices can be entered by NYISO PTID or TO ID
- •Alias data entered in TOA by NYISO Staff
- Alias data supplied by the TOs

A single NYISO facility may have separate aliases for different TOs



Aliasing Examples

A single NYISO facility may have separate aliases for different TOs

NYISO			ТО		
PTID	NYISO Name	ТО	ID	Substaion	TO Equipment Name
25021	CHASLAKE-EDIC_PTR_230_11	Ngrid	8564		11 CHASES LAKE-PORTER
25021	CHASLAKE-EDIC_PTR_230_11	NYPA		CHASES LAKE	P-11 LINE
25021	CHASLAKE-EDIC_PTR_230_11	NYPA		PORTER	P-11 LINE

A single NYISO facility may be aliased to multiple segments of a TO facility

NYISO PTID	NYISO Name	то	TO ID	Substaion	TO Equipment Name
26266	GE_R_DGROOMS115_20_15	NGrid	7159		15 GROOMS RD – INMAN RD
26266	GE_R_DGROOMS115_20_15	NGrid	7179		20 G E R&D – INMAN RD

A single TO facility may be aliased to multiple segments of a NYISO facility

NYISO			ТО		
PTID	NYISO Name	TO	ID	Substaion	TO Equipment Name
26201	DUNKIRKBRIGHAM115_161-1	NGrid	8476		161 DUNKIRK FALCNR
26020	BRIGHAMLUDLUM_B115_161-2				
26030	LUDLUM_B-FALCONER115_161-3				











Request Entry Process

- 1. User will access the "Transmission Outage Request" page from the Outage Scheduler Main Menu.
- 2. User will enter outage information on the General tab and Schedule tab. Optional alternate contact information can be entered on the Contact Tab.
- 3. User will click on the 'Action' command button to open a pop-up dialog to select an action:
 - a. 'Save' saves the outage data,
 - b. 'Submit' submits the Outage Request to the NYISO Schedulers,
 - c. 'Print to File' creates a PDF displaying a Transmission Outage Report for that current request,
 - d. 'Exit' will exit the form.



Required Info for Outage Request

- Outage Request General Tab
 - Request Type Select from list
 - Schedule Type Select from list
 - Posted Reason Select from list
 - Description of Work 50-character
 - ID Select from list of elements by either TO ID or NYISO PTID
 - Outage Type Select from list



Required Info for Outage Request

- Outage Request General Tab
 - Local Gen Impact Yes/No
 - If Yes- Identify impacted Generator
- Outage Request Schedule Tab
 - Start MM/DD/YYYY HHMM or use calendar app



Required Info for Outage Request

- Lead Times for Requests Entry
 - Equipment is assigned a 2, 5 or 30 notification time
 - NYISO Outage Scheduling Manual Appendix A lists the notification times
 - If request being created does not have the required lead time
 - Dialog is generated that asks for an exception reason.

1	🧝 Sufficient lead Time 🗇 🖓 🖓 🖓 🖓 🖓 🖓 🖓 🖓 🖓 🖓
	Insuficient notification lead time. Provide a reason for requesting an exception if you still wish to proceed.
	Confirm Action Cancel Action
l	

🛓 T	'OA at 64.79.1	15.235 - (User: al	bertto, User Type: to_use	r,Organization: NGRID) ssion Request 」 Pending Generation Re	anuest ∣ Link		
	utage Request I	Entry		Soon Acquest Penuing Seneration Ac			
		NEW YORK		TO Outage Request Ent	V Outag	<mark>je ID:</mark> 10-00630	Revision #: 1
	- JEC	SYSTEM OPERATOR			<i>.</i>		
St	atus Bar: Cre	ated Submitted to I	SO Evaluating TO Approv	ed] ISO Approved] Approved] Denied	ModifiedCancelled		
St	atus: Submitted	I	Created By Albert T	O Date Creat	ed: 09/20/2010 13:52	TO Outage ID:	
Ge	eneral Sched	ule Contact Hi	istory				
						Alternate Dates	
	Status	Person Name	e Status Date	Detail	Exception	Start	End
	Created	B. Robinson	09/20/2010 13:52:56				
	Submitted	B. Robinson	09/20/2010 13:53:18	Submitted by: B Robinson:testing in TOA			
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	Required Infor	mation	Save	ion Audit Trail Print to File Spell C	heck Exit	A 🛄	utomatic Information
Re	cord: 1/2			<0SC>			L)



Optional Information

- Transmission Outage Request General Tab
 - TO Outage ID Requesting TO's outage identifier.
 - Work assignment Select company preforming work if different than requesting company.
 - Emergency Restoration Time Time to bring outaged equipment back in-service
- Transmission Outage Request Schedule Tab
 - End– MM/DD/YYYY HHMM or use calendar app



Outage Request Creation Demonstration

Now that we've viewed displays and discussed the minimum information necessary for an outage request it is time to demonstrate the creation of a new outage request.

Due to the confidential nature of outage requests a live demonstration is not possible. For this training session a demonstration utilizing screen captures and fictitious names have been utilized.

indow Main Menu	× ہ بے
Number of the second	New TO Outage Request Entry TO Outage List TO Pending Transmission Request TO Pending Generation Request Links

📓 TOA at 64.79.115.235 - (User: albertto, User Type: to_user, Organization: NGRID) 💽 🗖 🔀 Outage Request Entry Outage Request List Pending Transmission Request Pending Generation Request Link								
TO Outage Request Entry Outage ID: Revision #:								
Status Bar: Created Submitted to ISO	Evaluating TO Approved ISO Approved Approved Denied Modified Cancelled							
General Schedule Contact History								
Requested B	y: Work Assignment: Posted Reason: Schedule Type: Emergency Restoration Time:	*						
Description of Work								
Comments								
NYISO Filters Voltage:	Select the list icon to Equipment Type:							
TO Equipment Name	display a dropdown quipment Name PTID ARR Outage Type	Switching						
	list of the allowed							
	Request Types							
	Local Generation Impacted? CYes CNo							
Generator	Name PTID Impact Max. Unit Output							
Required Information	Save Action Audit Trail Print to File Spell Check Exit	matic Information						
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📓 TOA at 64.79.115.235 - (User: albertto, User Type: to_user, Organization: NGRID)							
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	TO Outage Request Entry_	GO Outage ID:	Revision #:				
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Annual Routine Maintenance		TO Outono I	D.				
Status: Forced Outage	By Date Created:	TO Outage I	D.				
Unscheduled Trouble Maintenance	Mark Arriver and Dark	d Da annu					
Request Type,	Schedule Type:	mergency Restoration Time:					
Description of Work		, , <u> </u>					
Comments							
NYISO Filters For this demo y	ve will select "Unscheduled Tr	ouble					
TO Fault Maintenance"		Outage Type	Switching				
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Constator Nama	Local Generation Impacted? Yes No	May Unit Output					
Required Information	Save Action Audit Trail Print to File Spell Check	Exit	Automatic Information				
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TOA at 64.79.115.235 - (User: albertto, Outage Request Entry Outage Request List	, User Type: to_user, Pending <u>T</u> ransmiss	Organization: NGRID) ion Request(Pending Generation Red	quest Lin <u>k</u>					
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Status Bar: Created Submitted to ISO Ev Status:	aluating TO Approved	I ISO Approved Approved Denied Date Create] Modified Cancelled d:	TO Outage ID:				
General Schedule Contact History Requested By: NGrid Work Assignment: Posted Reason: Request Type: Unscheduled Trouble Maintenance Schedule Type: Description of Work Comments								
NYISO Filters Voltage:	Station:	Request the Sche	edule Type list.					
TO Equipment Name	TO ID TO Su ♥ ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●	bstation NYISO Equipment Name		Dutage Type Switching				
Local Generation Impacted? Yes No Generator Name PTID Impact Max. Unit Output # # # # # # # # # # # Required Information Save Action Audit Trail Print to File Spell Check Exit Automatic Information								
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Status:		Created By			Date Created	l:	TO Outage I	D:
General Schedule	Contact History			Continuous				
	Requested By	NGrid	Work Assig	Inment Daily to vve	ekends) Po	osted Reason:		
Request Type: Ur	nscheduled Trouble Mair	ntenance 🔽	Schedul	e Type		Emergency R	estoration Time:	
Description of Wor	k							
Comments								
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	6267	Loca	l Generati	on Impacted? © Ye	s 🔍 No	4		
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👙 TOA at 64.79.115.235 - (User: a	lbertto, User Type: t	o_user, Organ	ization: NGRID)			
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Status Bar: Created Submitted to Status: General Schedule Contact H Request Request Type: Unscheduled Troub	ISO Evaluating TO A Created By listory ted By: NGrid	pproved ISO A Work Assignm Schedule Ty	pproved Approved Date	Denied Modified Ca Created: Posted Reasor	Relay Protection Work Relay Trip Tests Safety Clearance Static or Guy-wire or Phase Structure Work Switch to Release / Restore System Improvement	Conductor Work
Description of Work		-				
Comments						
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NYISO Filters Voltage:	Station:		🗾 🛃 Equipme	ent Type:	•	
TO Equipment Name	TO ID	TO Substation	NYISO Equipment	Name PTID	ARR Outage Type	Switching
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	TO Outag	je Request Entry	Outage ID:	Revision #:
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Status:	Created By	Date Created:	TO Outage ID:	
General Schedule Contact History				
Requested By: [IGrid Work Assignment:	Posted Re	ason: System Improvement	
Request Type: Unscheduled Trouble Mainte	ance 🔽 Schedule Type: 🔇	Continuous 💌 Emer	gency Restoration Time:	
Description of Work				
Comments				
NYISO Filters Voltage:	Station:	🛃 Equipment Type:	¥	
TO Equipment Name	TO ID TO Substation NY	SO Equipment Name F	TID ARR Outage Type	Switching
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Status: Cre	ated By	Date Created:	TO	Outage ID:							
General Schedule Contact History											
Requested By: NGr	id 📄 🛛 Work Assignm	nent: Poste	ed Reason: System Improv	/ement							
Request Type: Unscheduled Trouble Maintenan	ce 🔽 Schedule	F <mark>ype:</mark> Continuous 🚽 I	Emergency Restoration T	ime: 🔽 🔽							
Description of Work											
testing in TOA											
Comments	Req	lest the list of equi	nment								
Request the list of equipment											
NYISO Filters Voltage: Station: PTIDs for which you are allowed to											
TO Equipment Name		r outages.		na Tuma Switzhing							
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Required Information	Save Action 4	udit Trail Print to File Spell Check	Exit	Automatic Information							
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Outage	e Reques	st Entry Outage Request List Pending I	ransmission Request	Pending <u>G</u> enera	ation Request Lin <u>k</u>		SNO						
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		This demo will create a	in outage for	Domuost	Entry Outage ID:	Revisi	on #:						
	<u> </u>	the 161 Dunkrik-Falcor	ner facility.	Request									
C 4-4		Scroll this list or ontor r	partial name										
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ne'	TO Id	TO EquipName	TO Substation TO Name	e Ptid	ISO EquipName	Equipment Type Primar	ve P I						
Desc	7306	1 ALBANY - GREENBUSH	NGrid	25860	ALBANYGREENBSH_11	AC_LINE_SEG 25860							
testi	6181	1 BOONVILLE-PORTER	NGrid	26074	BOONVLLE-EDIC_PTR_11	AC_LINE_SEG 26074							
Cor	6182	1 CEDARS-DENNISON	NGrid	25523	DENNISON-ROSEMNTA_1	AC_LINE_SEG 25523							
	9008	1 CLAY TB	NGrid	25387	CLAY345_115_BK1	TRANSFORM 25387							
	6183	1 COLTON-BROWNS FALLS	NGrid	26087	COLTONHIGLEY115	AC_LINE_SEG 26087							
	9014	1 ELBRIDGE TB	NGrid	25448	ELBRIDGE_345_115_BK1	TRANSFORM 25448							
NY	6178	1 FITZPATRICK-EDIC	NGrid	25077	FITZPTRK-EDIC_PTR_345	AC_LINE_SEG 25077							
	7187	1 GILBOA - NEW SCOTLAND	NGrid	25052	GILBOAN.SCTLND_345	AC_LINE_SEG 25052							
	6186	1 HOOK-ELBRIDGE	NGrid	26096	HAMLTNNM-ELBRIDGE_11	AC_LINE_SEG 26096							
	9044	1 LEEDS CAP	NGrid	31338	LEEDS345KV_CAP_C	COMPENSAT 31338							
	6187	1 MORTIMER-ELBRIDGE	NGrid	26100	HOOK_TAP-FARMGTN11	AC_LINE_SEG 26100							
	7467	1 MORTIMER-HOOK	NGrid	25163	MORTIMER-FAIRPRTA_115	AC_LINE_SEG 25163							
	6188	1 MORTIMOR-HOOK	NGrid	26327	FAIRPRTA-HOOK_TAP_115	AC_LINE_SEG 26327							
	9046	1 NEW SCOTLAND CAP	NGrid	31349	N.SCTLND_345KV_CAP_C	COMPENSAT 31349							
	9015	1 NEW SCOTLAND TB	NGrid	25445	N.SCTLND_345_115_BK1	TRANSFORM 25445							
	6125	1 PANNELL-CLAY	NGrid	25058	PANNELLCLAY345	AC_LINE_SEG 25058							
	9029	1 PORTER TB	NGrid	25389	EDIC_PTR_230_115_BK1P	TRANSFORM 25389							
	7188	1 REYNOLDS - ALPS	NGrid	25587	REYNOLDS-ALPS34	AC_LINE_SEG 25587							
	6191	1 ROME-ONEIDA	NGrid	26112	ROMEONEIDA115	. AC_LINE_SEG 26112							
	8506	1 SOUTH OSWEGO-NINE MILE PT 1	NGrid	25501	S.OSWEGO-NINEMILE_115	AC_LINE_SEG 25501							
	7307	1 SPIER - ROTTERDAM	NGrid	26430	ROTTRDAM-SWAGTN_E_1	AC_LINE_SEG 26430							
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Choice	es in list:	1617											
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🍰 TOA at 64.79.115.235 - (User; albe	rtto, User Type: to_user, Organi	zation: NGRID)		
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	ΤΟ Οι	utage Request Entry	Outage ID:	Revision #:
Status Bar: Created Submitted to ISC	Evaluating TO Approved ISO Ap	pproved Approved Denied Modifie	Cancelled	
Status:	Created By	Date Created:	TO Outage I	D:
General Schedule Contact Hist	ory			
Requested	By: NGrid Work Assignme	ent: Posted Re	eason: System Improvement	
Request Type: Unscheduled Trouble	Notice the use of	nuous 🔽 Emer	Select Outage	Гуре 💷 🛛
Description of Work	aliasing		"Out of Service"	for
Comments			the nick list	
	/			5
NYISO Filters Voltage:	Station:	🛃 Equipment Type:	*	
TO Equipment Name	TO ID TO Substation	NYISO Equipment Name	PTID ARR Outage Type	Switching
161 DUNKIRK - FALCNR	8476 ± DUI	NKIRKBRIGHAM115_161-1 260	21	
2017	An outage of	this line does impac		
- ye <u>e</u>	generation.	Select Local Gen		
	Impact -Yes			
	*			
	Local Generation In	npacted? Yes No	H	[°]
Genera	tor Name	Impact	Max. Unit Output	
		±	×	
Required Information	Save Action Au	dit Trail Print to File Spell Check	Exit	Automatic Information
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Status Bar: Created Submitted to ISO	Evaluating TO	Approved ISO Approved	Approved Denied Mo	odified Cancelled		
Status:	Created By		Date Created:		TO Outage ID:	
General Schedule Contact Histo	γ					
Requested	By: NGrid	Work Assignment:	Poste	d Reason: System	Improvement	
Request Type: Unscheduled Trouble M	aintenance 🔽	Schedule Type: Contin	nuous 💌 E	mergency Restor	ation Time:	
Description of Work						
Comments						
NYISO Filters Voltage:	Station:	1	Equipment Type:		•	
TO Equinment Name		TO Substation NYISO	Equinment Name		Outage Type	Switching
161 DUNKIRK - FALCNR	8476	DUNKIRKBF	RIGHAM115_161-1	26021	Out of Service	
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		Select the imp	act this outag	ge nas on	this	
		generator. Foi	r this demo w	ve'll select	Derate.	
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Generati	or Name	PTID	Must Run	Max. Unit O	utput	
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Required Information	Save	Action Audit Trail F	Print to File Spell Check	Exit)		Automatic Information
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	TO Out	age Request Entry	Outage ID:	Revision #:
Status Bar: Created Submitted to ISO Evaluat	ing TO Approved ISO App	oved Approved Denied Mo	dified Cancelled	
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General Schedule Contact History				
Requested By: NGr	d 📄 Work Assignmen	: Poste	I Reason: System Improvement	
Request Type: Unscheduled Trouble Maintenand	e 🔽 Schedule Type	: Continuous 🔹 Ei	mergency Restoration Time:	
Description of Work				
testing in TOA				
At this point information	nt we have ent n required for c	ered all of the Ge reation of an out	neral tab	
NYISO Filters Voltag The scher	dule start time f	or each element	of the outage	
TO Equipment N request is	required on the	Schedule tab	Type	Switching
161 DUNKIRK FALCNR			ervice	
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	<u>×</u>	Output n	nust be entered.	<u> </u>
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	Local Generation Imp	acted? [©] Yes [©] No		
Generator Name	PTID	Impact	Max. Unit Output	
	23982			
Required Information	Save Action Audit	Trail Print to File Spell Check	Exit	Automatic Information

👙 TOA at 64.79.1	115.235 - (User: albertt	o, User Typ	e: to_user,	Organization	: NGRID)	D		
Outage Request Er	niny Outage Request Lis	at Pending	j <u>I</u> ransmissio	n Request	Pending Generatio	n Request Lin <u>k</u>	_	
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Status:	tula Contact History	Created E	iy .		Date Cr	eated:	TO Out	age ID:
General Sched	Start:		End:			Select Equipment	: Apply	
Ref. ID	View by Equi	ipment	DID	Max. Unit Output Type	View by Date Schedule Start) Schedule End	Actual Start	Actual End
	Select the c	alenda	r icon to	o select				
	the st	art date	e & time).				
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Required Info	rmation	Save	e Action	Audit Trai	Print to File Spe	ell Check Exit)	Automatic Info

4	🗁 TOA at 64.79.115.235 - (User: albertto, User Type: to_user, Organization: NGRID)																				
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Request Review/Edit Process

- 1. Access the 'Outage Request List' page from the Main Menu.
- 2. Place the cursor on a specific outage.
- Select the 'View' command button to open up the 'Transmission Outage Request' form, and view the outage details.
- 4. User selects the 'Action' command button to open a pop-up and select an action*: Delete, Submit, Modify, Cancel or Return.
- 5. User selects the "Print to File" command to generate a PDF displaying a Transmission Outage Report for the selected request.
- 6. User selects the "Exit" command to exit the menu.

* Allowed actions are dependent on the request status



Email Notifications

- Email notifications will be sent on request status changes
 - Default TO contact address will be the email address for the request author's user ID.
 - An alternate contact email can be entered.
 - Multiple email addresses can be entered separated by commas.
 - Message will be sent to all addresses listed on contact tab plus the NYISO, associated TOs and affected GOs.
 - Changes/Entries made on the contact tab <u>only affect</u> <u>the selected outage request.</u>
 - The information for the associated request will listed in the body of the email.



Warning & Error Messages

- Outage Request Schedule Tab
 - If the selected end date occurs before the start time, an error message will occur.



Administration or Application Assistance

If you experience trouble in administrating or using the **Outage Scheduler application** please call NYISO Customer Relations at 518.356.6060 or email market_services@nyiso.com.



Summary

- During this session Administrators were shown:
- how to grant Users access to the NYISO Outage Scheduler
- how to grant authority to users for requesting outages


Summary

During this session application users were shown:

- how to access the NYISO Outage Scheduler & the function of the request entry and request list displays
- the minimum set of information required for a valid outage request & how to submit it to the NYISO



Summary

During this session application users were shown:

- each of the life-cycle states of a request and how the requests advance through the states
- exceptions for requests made after minimum notification period has past



Summary

During this session application users were shown:

How equipment aliasing functions



Questions or Feedback?

Contact: Walter Pfuntner

NYISO Market Training

wpfuntner@nyiso.com



THANK YOU!!



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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