

Outage Scheduler (OMS) System Transmission Owner (TO) Edition

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Pre-Market Trials Training

July 5-7, 2022

Remote Learning

Presentation Outline

- OMS Implementation Date and System Benefits
- OMS User Requirements
- OMS Application Walk-Through
- Next Steps
- Additional Resources

OMS Implementation Date & System Benefits

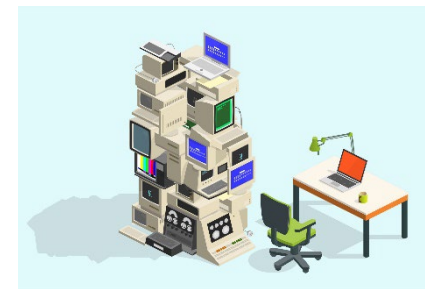
Outage Scheduler (OMS) System Implementation

- Targeted Implementation set for October 2022
- Benefits of OMS
 - ✓ User-Friendly
 - ✓ Secure
 - ✓ Web-based
 - ✓ Ease of application modifications/upgrades

OMS User Requirements

OMS User Requirements

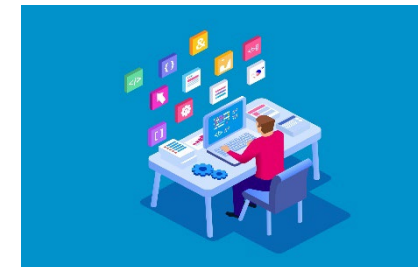
- Hardware Specifications



	Recommended	Optimal
Graphics Memory (GPU)	512 MB of GDDR4 or higher	2GB GDDR5 or higher
Processor	(4 MB cache, 4 cores, 4 threads) or higher	(6 MB cache, 4 cores, 8 threads) or higher
RAM	8 GB	16 GB
HDD	SSD	M.2 SSD

OMS User Requirements

- Software Specifications



Product	Required
Operating System	64-bit
Browser	Internet Explorer 11 ¹ (Run in 64-Bit) Google Chrome 96 or higher ² Microsoft Edge 96 or higher ² Mozilla Firefox - x64 - 96 or higher ²
Browser Add-ons	Microsoft Silverlight 5.1.50907.0 ³
CSV	Spreadsheet application
PDF	PDF Reader

OMS User Requirements

- Network Specifications

	Recommended	Optimal
Network Connectivity	T1 internet connection	OATInet or other private network connection



OMS User Requirements

■ Digital Certificate

- Valid NAESB Digital Certificate Required
 - Installed on respective computer
 - Specific to respective browser used to access OMS

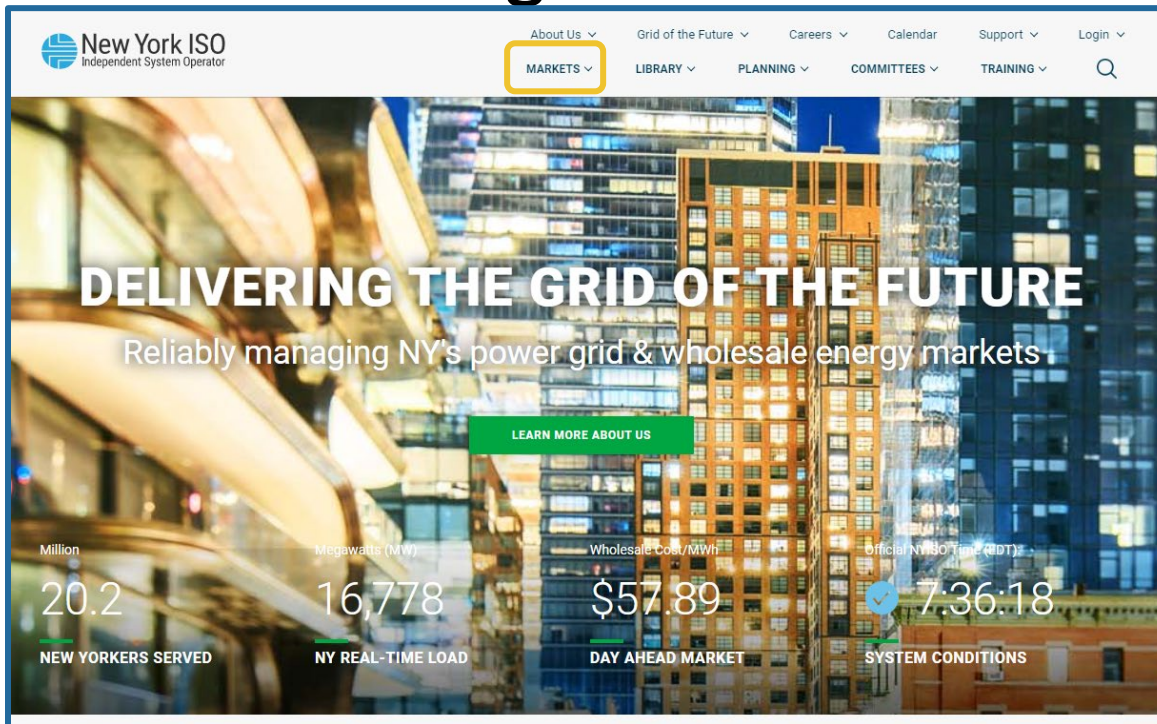
■ MIS Privileges

- 1st OMS Privileges must be set-up for MIS account at *Org Level*
 - Assigned by NYISO
- 2nd OMS Privileges must be assigned to MIS account at *User Level*
 - Assigned by organization's MIS Administrator

OMS Application Walk-Through

Accessing OMS

- NYISO Market Access Login

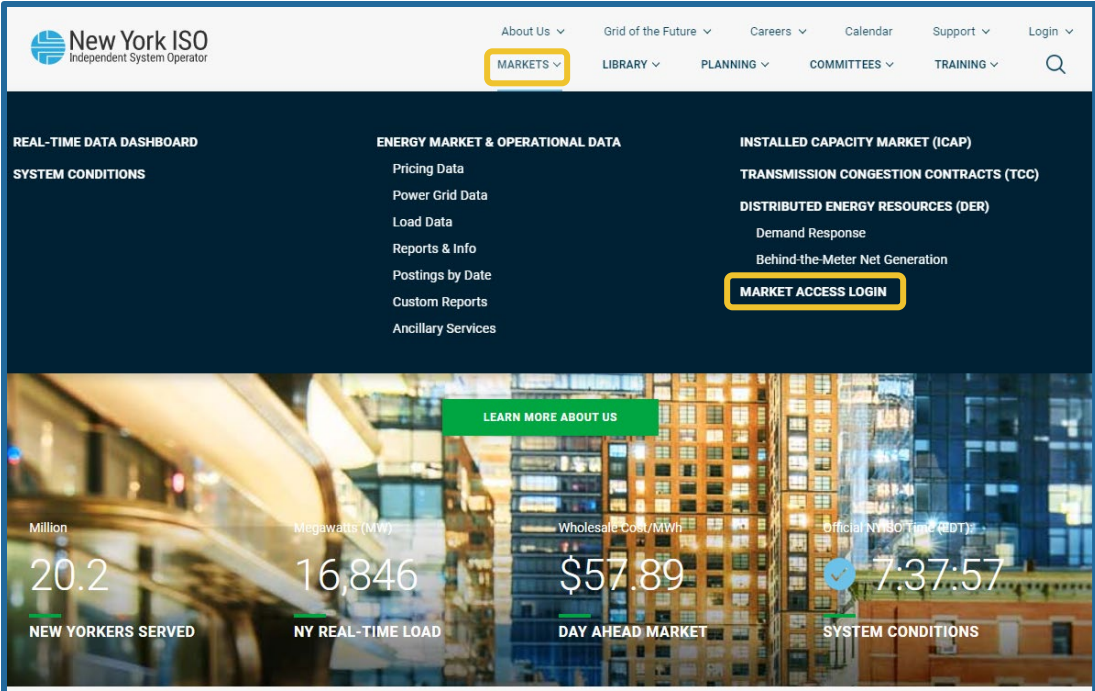


The screenshot shows the New York ISO website homepage. The header includes the New York ISO logo and navigation links: About Us, Grid of the Future, Careers, Calendar, Support, Login, MARKETS (highlighted with a yellow box), LIBRARY, PLANNING, COMMITTEES, and TRAINING. A search icon is also present. The main content area features a large image of a city at night with the text "DELIVERING THE GRID OF THE FUTURE" and "Reliably managing NY's power grid & wholesale energy markets". A green button labeled "LEARN MORE ABOUT US" is centered below the text. At the bottom, four key metrics are displayed: 20.2 Million NEW YORKERS SERVED, 16,778 Megawatts (MW) NY REAL-TIME LOAD, \$57.89 Wholesale Cost/MWh DAY AHEAD MARKET, and 7:36:18 Official NYISO Time (EDT) SYSTEM CONDITIONS.

Metric	Value
Million NEW YORKERS SERVED	20.2
Megawatts (MW) NY REAL-TIME LOAD	16,778
Wholesale Cost/MWh DAY AHEAD MARKET	\$57.89
Official NYISO Time (EDT) SYSTEM CONDITIONS	7:36:18

Accessing OMS

- NYISO Market Access Login



The screenshot shows the NYISO website interface. At the top, the New York ISO logo is on the left, and a navigation menu is on the right. The 'MARKETS' menu item is highlighted with a yellow box. Below the navigation, there are three main columns of links. The 'MARKET ACCESS LOGIN' link in the right column is highlighted with a yellow box. At the bottom, there is a large banner with four data points: 'NEW YORKERS SERVED' (20.2 Million), 'NY REAL-TIME LOAD' (16,846 Megawatts (MW)), 'DAY AHEAD MARKET' (\$57.89 Wholesale Cost/MWh), and 'SYSTEM CONDITIONS' (7:37:57 Official NYISO Time (EDT)).

Navigation Menu: About Us, Grid of the Future, Careers, Calendar, Support, Login, **MARKETS**, LIBRARY, PLANNING, COMMITTEES, TRAINING, Search

REAL-TIME DATA DASHBOARD

- SYSTEM CONDITIONS

ENERGY MARKET & OPERATIONAL DATA

- Pricing Data
- Power Grid Data
- Load Data
- Reports & Info
- Postings by Date
- Custom Reports
- Ancillary Services

INSTALLED CAPACITY MARKET (ICAP)

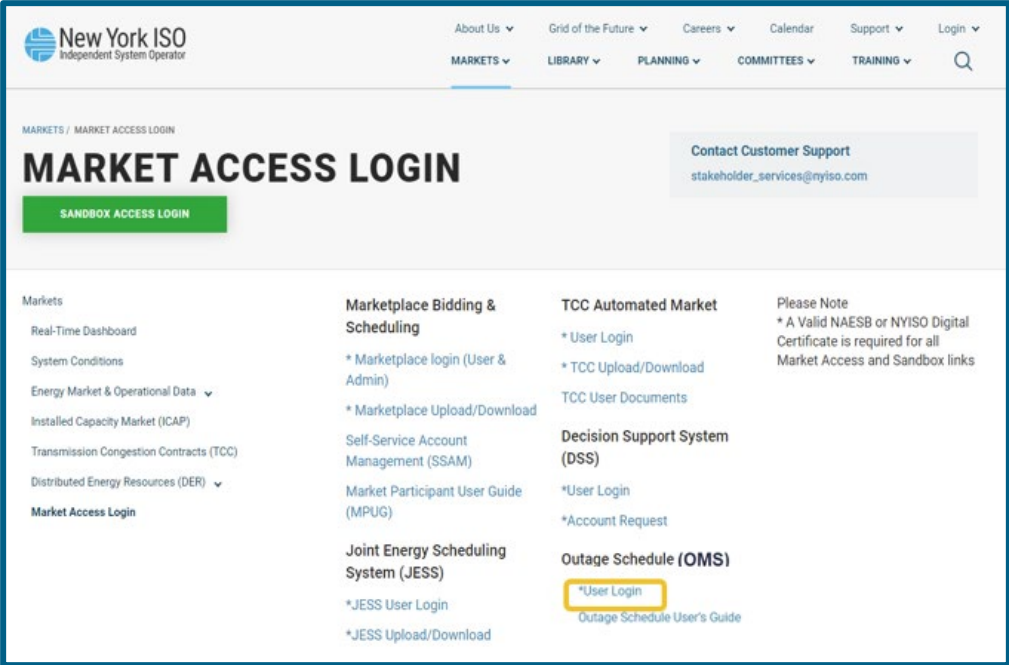
- TRANSMISSION CONGESTION CONTRACTS (TCC)
- DISTRIBUTED ENERGY RESOURCES (DER)
 - Demand Response
 - Behind-the-Meter Net Generation
- MARKET ACCESS LOGIN**

Key Metrics:

- 20.2 Million NEW YORKERS SERVED
- 16,846 Megawatts (MW) NY REAL-TIME LOAD
- \$57.89 Wholesale Cost/MWh DAY AHEAD MARKET
- 7:37:57 Official NYISO Time (EDT) SYSTEM CONDITIONS

Accessing OMS

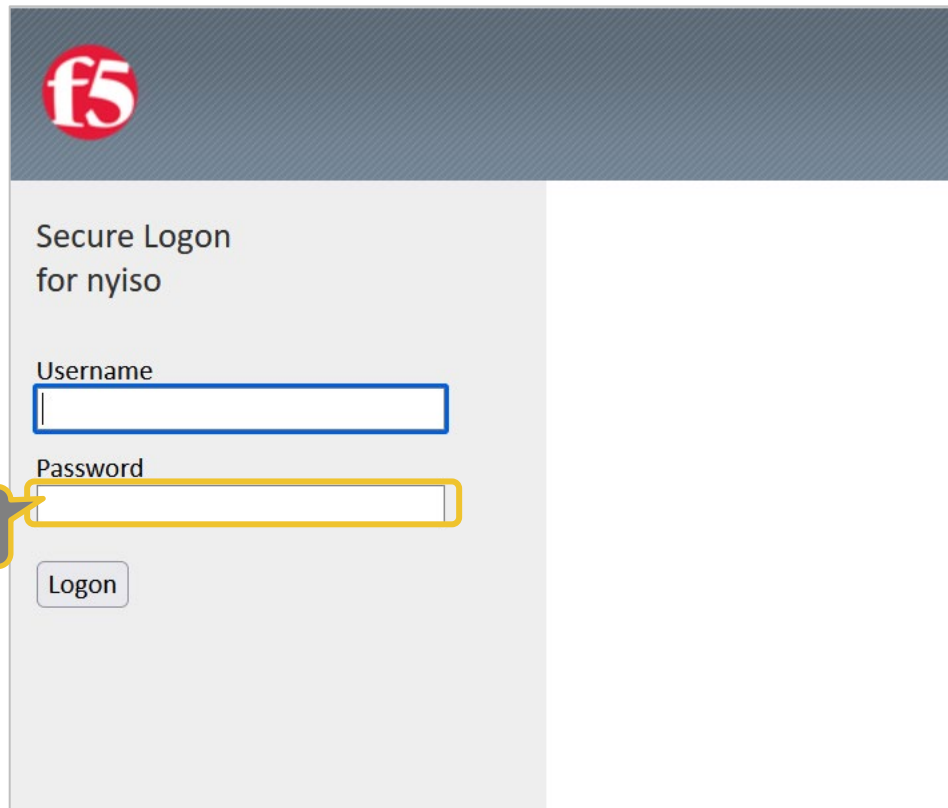
- NYISO Market Access Login



The screenshot shows the NYISO website's Market Access Login page. At the top left is the NYISO logo. The top navigation bar includes links for 'About Us', 'Grid of the Future', 'Careers', 'Calendar', 'Support', and 'Login'. Below this is a secondary navigation bar with 'MARKETS', 'LIBRARY', 'PLANNING', 'COMMITTEES', and 'TRAINING'. The main heading is 'MARKET ACCESS LOGIN' with a 'SANDBOX ACCESS LOGIN' button below it. A 'Contact Customer Support' box with the email 'stakeholder_services@nyiso.com' is on the right. The page is divided into four columns: 'Markets' (with links like Real-Time Dashboard, System Conditions, Energy Market & Operational Data, etc.), 'Marketplace Bidding & Scheduling' (with links like Marketplace login, Marketplace Upload/Download, etc.), 'TCC Automated Market' (with links like User Login, TCC Upload/Download, etc.), and 'Decision Support System (DSS)' (with links like User Login, Account Request, etc.). A 'Please Note' section states that a valid NAESB or NYISO Digital Certificate is required for all Market Access and Sandbox links. The 'Outage Schedule (OMS)' section has a 'User Login' link highlighted with a yellow box.

Accessing OMS

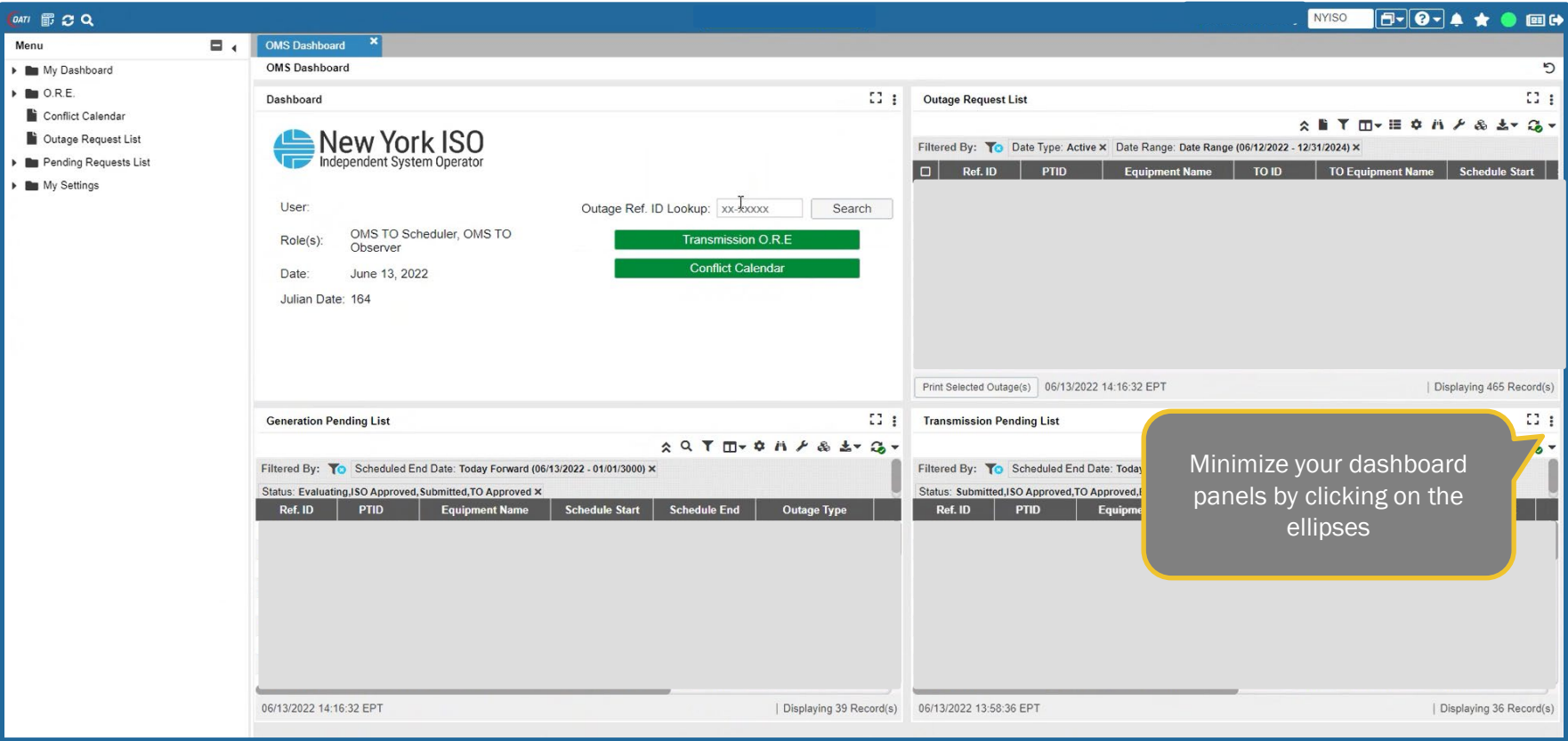
- OMS User Login



The screenshot shows the F5 OMS login interface. At the top left is the F5 logo. Below it, the text reads "Secure Logon for nyiso". There are two input fields: "Username" and "Password". The "Password" field is highlighted with a yellow border. Below the input fields is a "Logon" button.

Password is case sensitive

OMS Dashboard

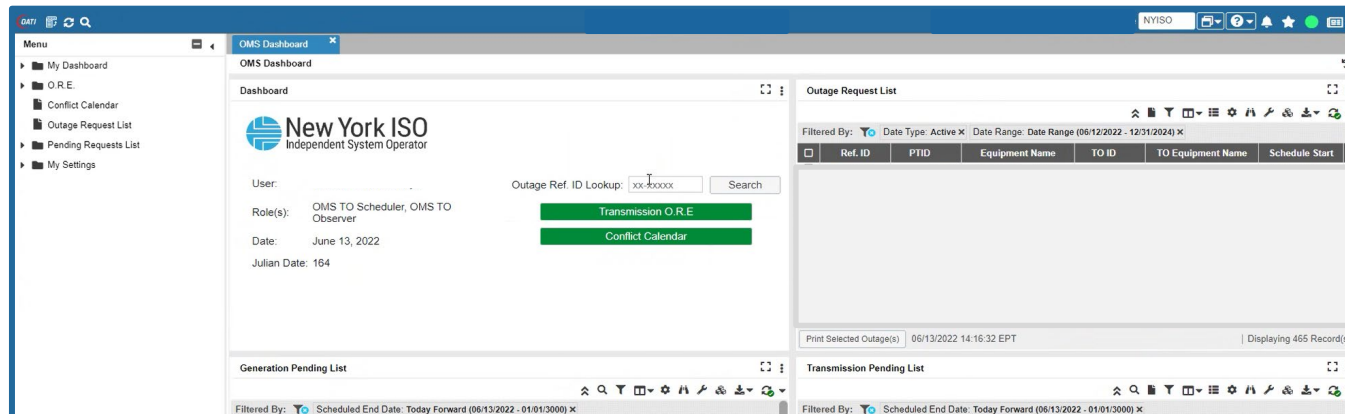


The screenshot displays the OMS Dashboard interface. On the left is a navigation menu with items like 'My Dashboard', 'O.R.E.', 'Conflict Calendar', 'Outage Request List', 'Pending Requests List', and 'My Settings'. The main area is divided into several panels:

- Dashboard:** Features the New York ISO logo and user information: 'User: OMS TO Scheduler, OMS TO Observer', 'Role(s): OMS TO Scheduler, OMS TO Observer', 'Date: June 13, 2022', and 'Julian Date: 164'. It includes a search bar for 'Outage Ref. ID Lookup' and two buttons: 'Transmission O.R.E.' and 'Conflict Calendar'.
- Outage Request List:** A table with columns: Ref. ID, PTID, Equipment Name, TO ID, TO Equipment Name, and Schedule Start. It shows 'Filtered By: Date Type: Active' and 'Date Range: Date Range (06/12/2022 - 12/31/2024)'. A status bar at the bottom indicates 'Print Selected Outage(s) 06/13/2022 14:16:32 EPT' and 'Displaying 465 Record(s)'.
- Generation Pending List:** A table with columns: Ref. ID, PTID, Equipment Name, Schedule Start, Schedule End, and Outage Type. It shows 'Filtered By: Scheduled End Date: Today Forward (06/13/2022 - 01/01/3000)'. A status bar at the bottom indicates '06/13/2022 14:16:32 EPT' and 'Displaying 39 Record(s)'.
- Transmission Pending List:** A table with columns: Ref. ID, PTID, and Equipment Name. It shows 'Filtered By: Scheduled End Date: Today'. A status bar at the bottom indicates '06/13/2022 13:58:36 EPT' and 'Displaying 36 Record(s)'.

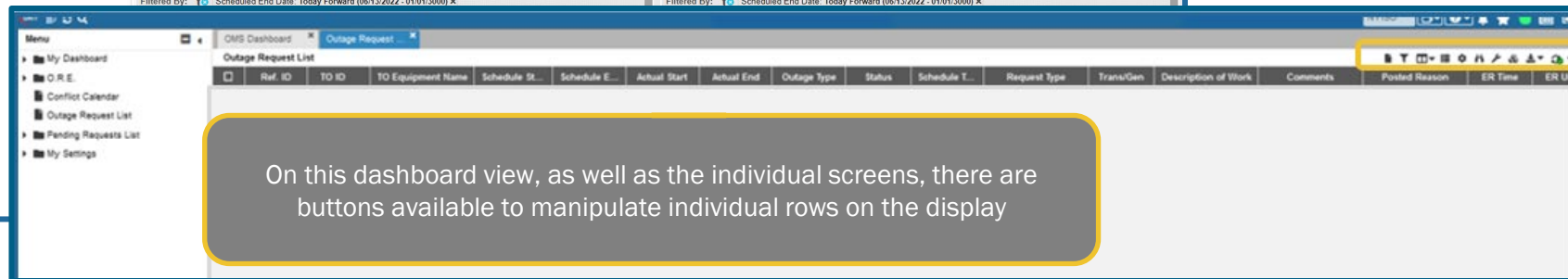
A callout box with a yellow border and a pointer to the minimize ellipses in the top right corner of the panels contains the text: 'Minimize your dashboard panels by clicking on the ellipses'.

OMS Dashboard



The screenshot shows the OMS Dashboard interface. On the left is a navigation menu with items like 'My Dashboard', 'O.R.E.', 'Conflict Calendar', 'Outage Request List', 'Pending Requests List', and 'My Settings'. The main content area is divided into several sections:

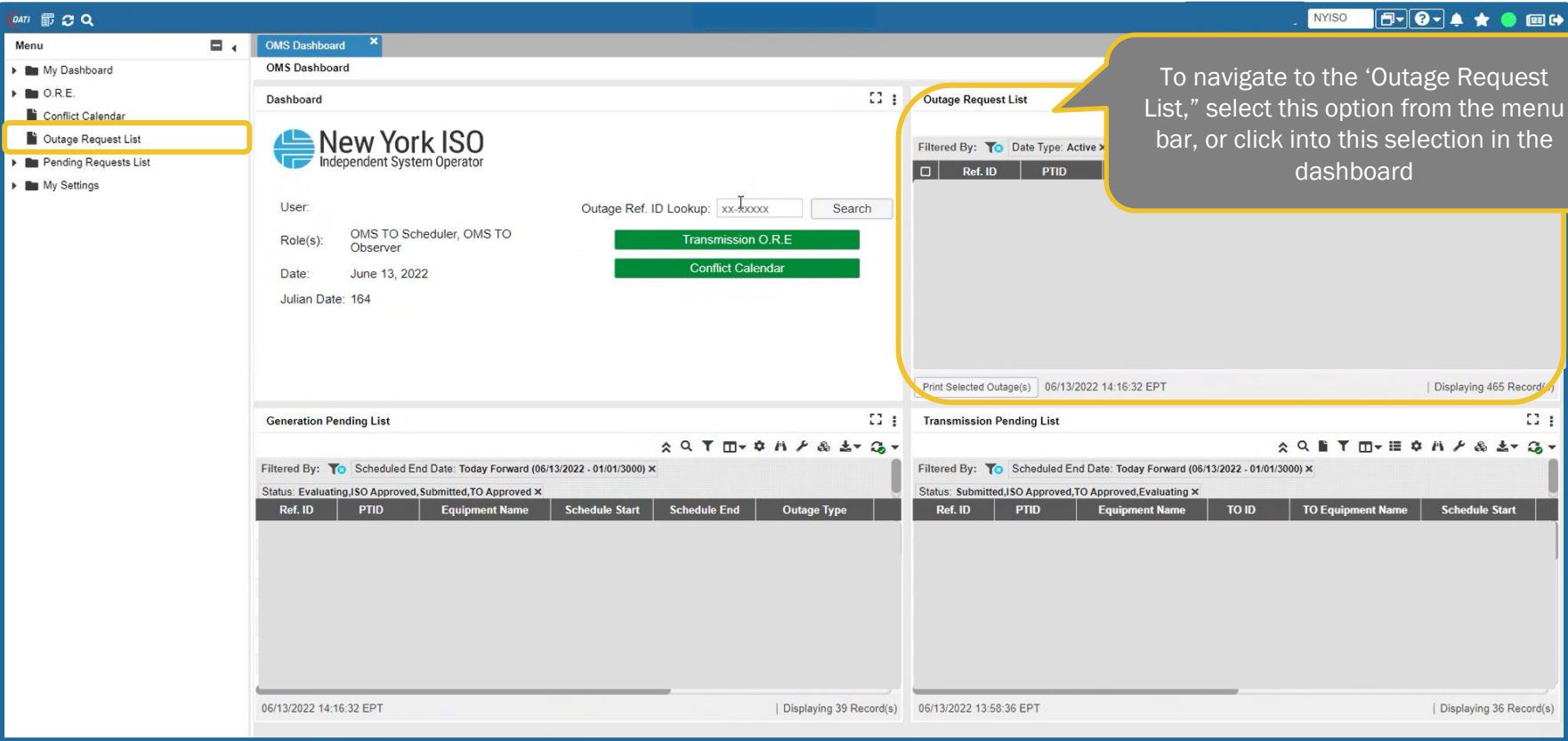
- Dashboard:** Displays the New York ISO logo and user information: User: [redacted], Role(s): OMS TO Scheduler, OMS TO Observer, Date: June 13, 2022, Julian Date: 164. It includes an 'Outage Ref. ID Lookup' field with a search button and two prominent green buttons: 'Transmission O.R.E.' and 'Conflict Calendar'.
- Outage Request List:** A table with columns: Ref. ID, PTID, Equipment Name, TO ID, TO Equipment Name, and Schedule Start. It includes filters for Date Type (Active), Date Range (06/12/2022 - 12/31/2024), and a 'Print Selected Outage(s)' button.
- Generation Pending List:** A section for pending generation requests.
- Transmission Pending List:** A section for pending transmission requests.



This screenshot shows a detailed view of the 'Outage Request List' table. The table has columns: Ref. ID, TO ID, TO Equipment Name, Schedule St..., Schedule E..., Actual Start, Actual End, Outage Type, Status, Schedule T..., Request Type, Trans/Gen, Description of Work, Comments, Posted Reason, ER Time, and ER Un. A yellow callout box highlights the table's toolbar, which contains icons for filtering, sorting, and other row manipulation functions.

On this dashboard view, as well as the individual screens, there are buttons available to manipulate individual rows on the display

OMS Dashboard



Menu

- My Dashboard
- O.R.E.
- Conflict Calendar
- Outage Request List**
- Pending Requests List
- My Settings

Dashboard

New York ISO
Independent System Operator

User: [Name]
Role(s): OMS TO Scheduler, OMS TO Observer
Date: June 13, 2022
Julian Date: 164

Outage Ref. ID Lookup: Search

Transmission O.R.E.
Conflict Calendar

Outage Request List

Filtered By: Date Type: Active

Ref. ID	PTID
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Print Selected Outage(s) 06/13/2022 14:16:32 EPT | Displaying 465 Record(s)

Generation Pending List

Filtered By: Scheduled End Date: Today Forward (06/13/2022 - 01/01/3000)

Status: Evaluating,ISO Approved,Submitted,TO Approved

Ref. ID	PTID	Equipment Name	Schedule Start	Schedule End	Outage Type
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06/13/2022 14:16:32 EPT | Displaying 39 Record(s)

Transmission Pending List

Filtered By: Scheduled End Date: Today Forward (06/13/2022 - 01/01/3000)

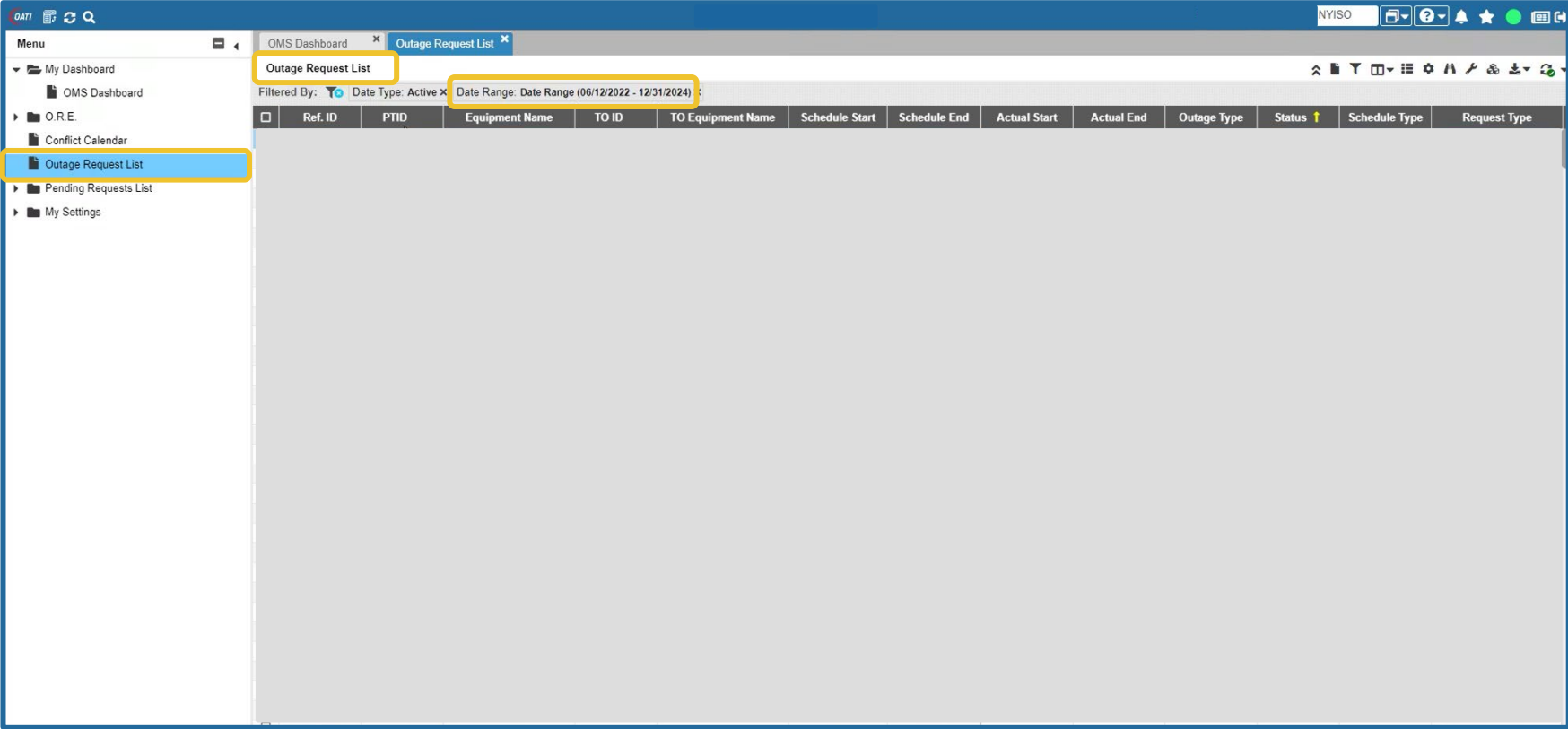
Status: Submitted,ISO Approved,TO Approved,Evaluating

Ref. ID	PTID	Equipment Name	TO ID	TO Equipment Name	Schedule Start
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06/13/2022 13:58:36 EPT | Displaying 36 Record(s)

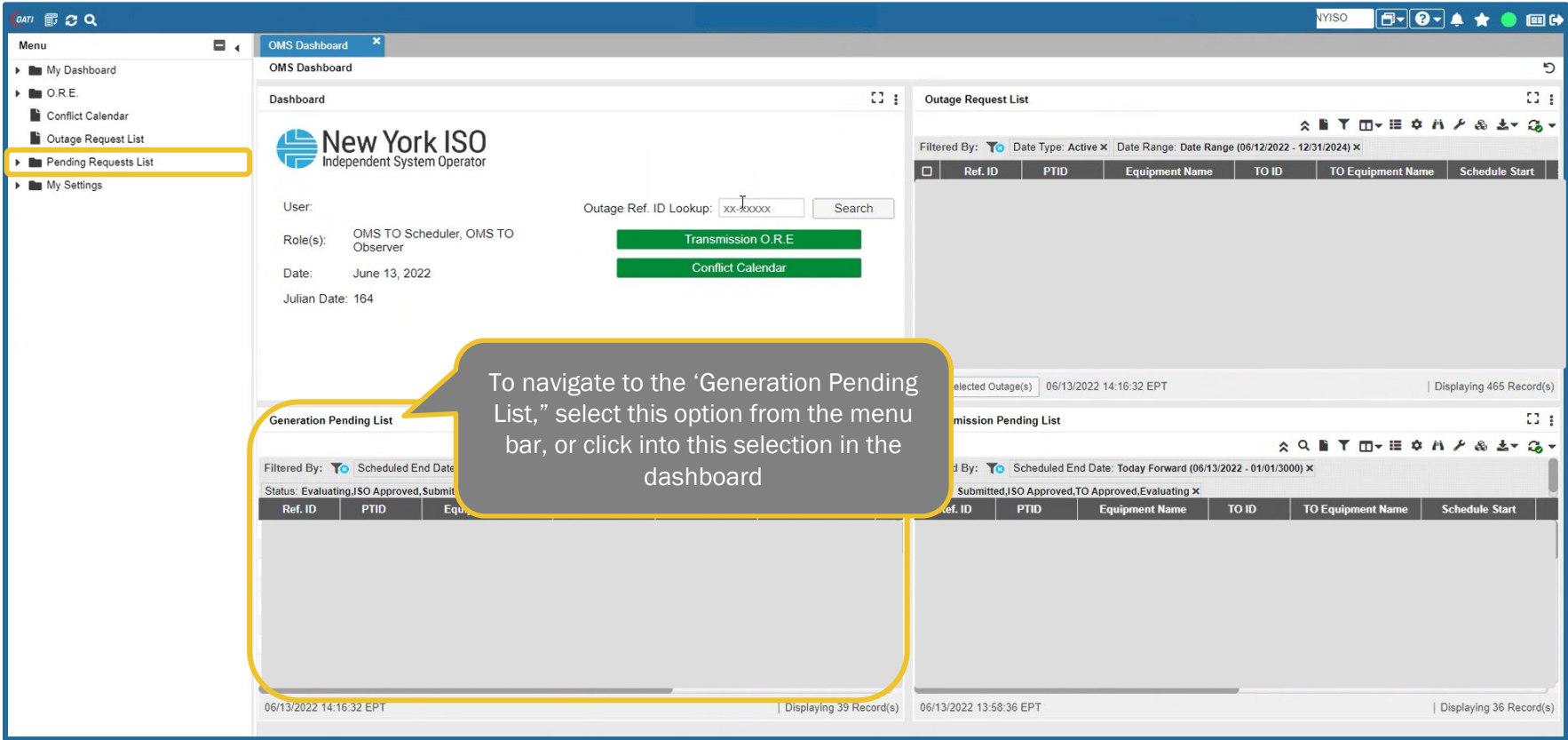
To navigate to the 'Outage Request List,' select this option from the menu bar, or click into this selection in the dashboard

Outage Request List



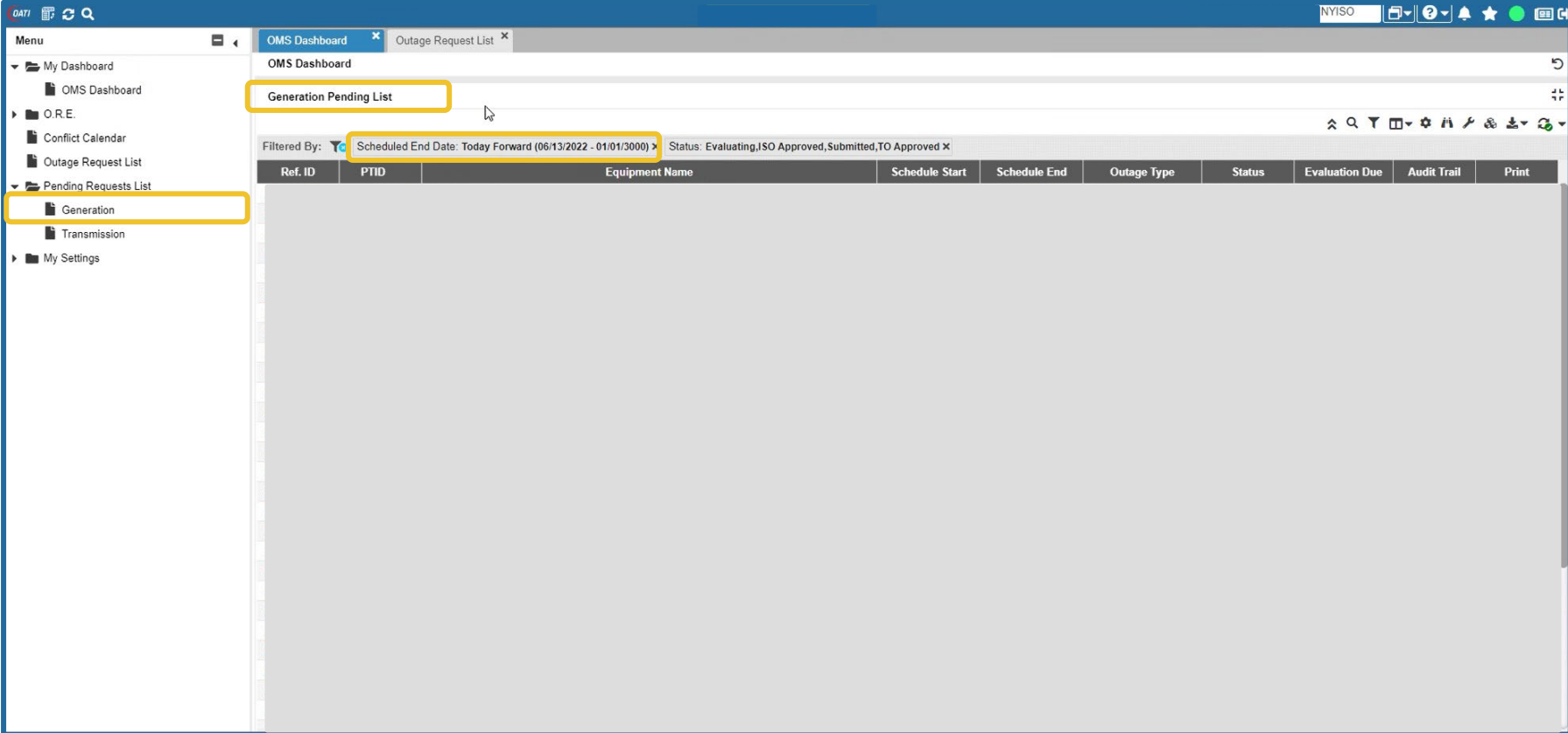
The screenshot shows a web application interface for the Outage Request List. The browser window title is "NYISO". The application has a blue header bar with "OAT1" on the left and "NYISO" on the right. Below the header is a navigation menu on the left side with the following items: "My Dashboard", "OMS Dashboard", "O.R.E.", "Conflict Calendar", "Outage Request List" (highlighted in blue), "Pending Requests List", and "My Settings". The main content area has a breadcrumb trail: "Outage Request List". Below the breadcrumb, there are filter controls: "Filtered By: [Active] Date Type: Active x" and "Date Range: Date Range (06/12/2022 - 12/31/2024)". A table header is visible with the following columns: "Ref. ID", "PTID", "Equipment Name", "TO ID", "TO Equipment Name", "Schedule Start", "Schedule End", "Actual Start", "Actual End", "Outage Type", "Status", "Schedule Type", and "Request Type". The table body is currently empty.

OMS Dashboard



The screenshot shows the OMS Dashboard interface. On the left, a menu is visible with the following items: My Dashboard, O.R.E., Conflict Calendar, Outage Request List, Pending Requests List (highlighted with a yellow box), and My Settings. The main dashboard area displays the New York ISO logo and the text "Independent System Operator". Below this, there are fields for "User:", "Role(s): OMS TO Scheduler, OMS TO Observer", "Date: June 13, 2022", and "Julian Date: 164". A search bar labeled "Outage Ref. ID Lookup:" contains the text "xx-xxxxx" and a "Search" button. Below the search bar are two green buttons: "Transmission O.R.E." and "Conflict Calendar". On the right side, there are three data tables. The top table is titled "Outage Request List" and has columns: Ref. ID, PTID, Equipment Name, TO ID, TO Equipment Name, and Schedule Start. The middle table is titled "Transmission Pending List" and has columns: Ref. ID, PTID, Equipment Name, TO ID, TO Equipment Name, and Schedule Start. The bottom table is titled "Generation Pending List" and has columns: Ref. ID, PTID, Equipment Name, TO ID, TO Equipment Name, and Schedule Start. A callout box with a yellow border and a speech bubble shape contains the text: "To navigate to the 'Generation Pending List,' select this option from the menu bar, or click into this selection in the dashboard".

Generation Pending Request



The screenshot displays the OMS Dashboard interface. The sidebar menu on the left shows the following structure:

- Menu
 - My Dashboard
 - OMS Dashboard
 - O.R.E.
 - Conflict Calendar
 - Outage Request List
 - Pending Requests List
 - Generation
 - Transmission
 - My Settings

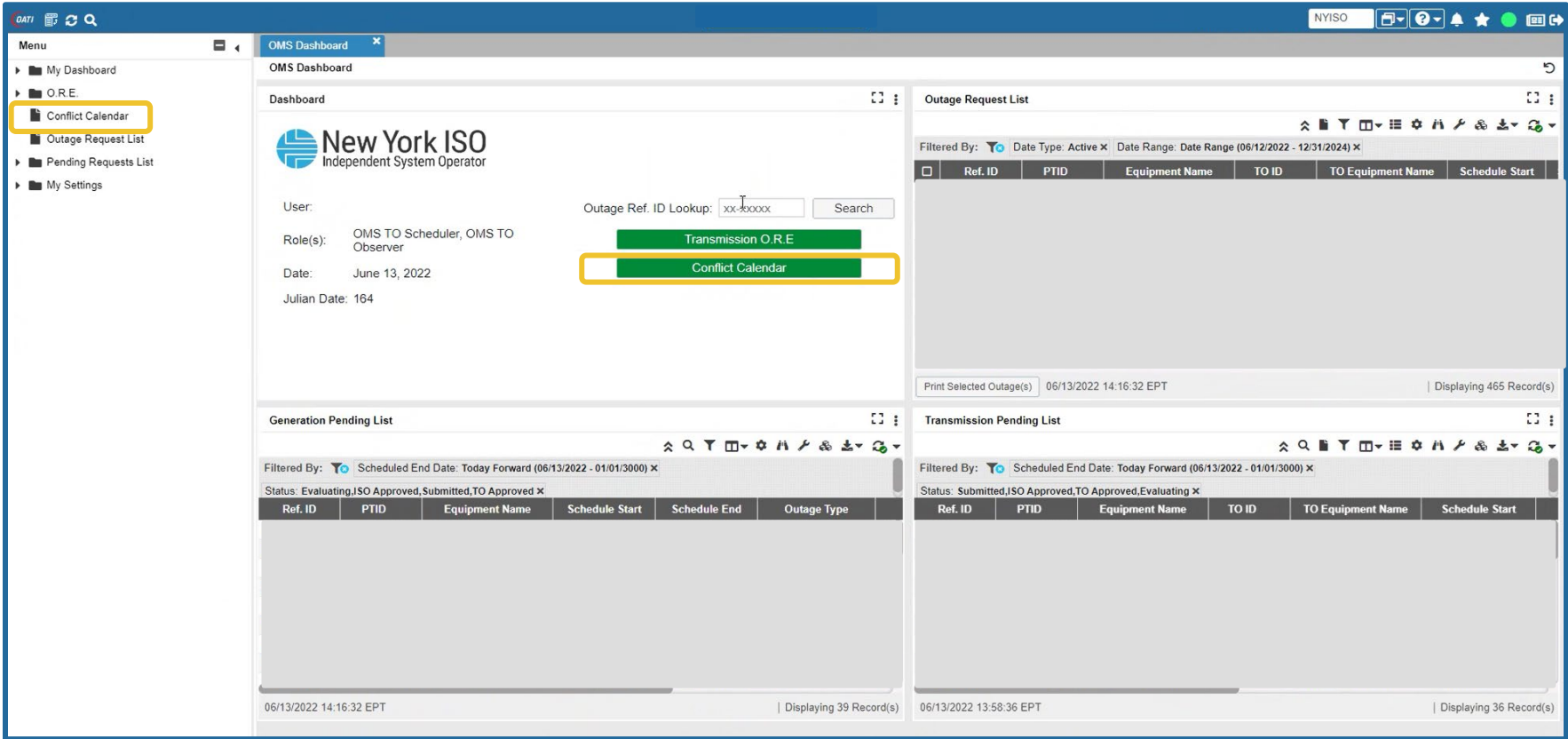
The main content area shows the 'Generation Pending List' link highlighted. Below it, the filter bar indicates the following filters:

- Filtered By: Scheduled End Date: Today Forward (06/13/2022 - 01/01/3000)
- Status: Evaluating, ISO Approved, Submitted, TO Approved

The table header below the filter bar includes the following columns:

Ref. ID	PTID	Equipment Name	Schedule Start	Schedule End	Outage Type	Status	Evaluation Due	Audit Trail	Print
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Conflict Calendar

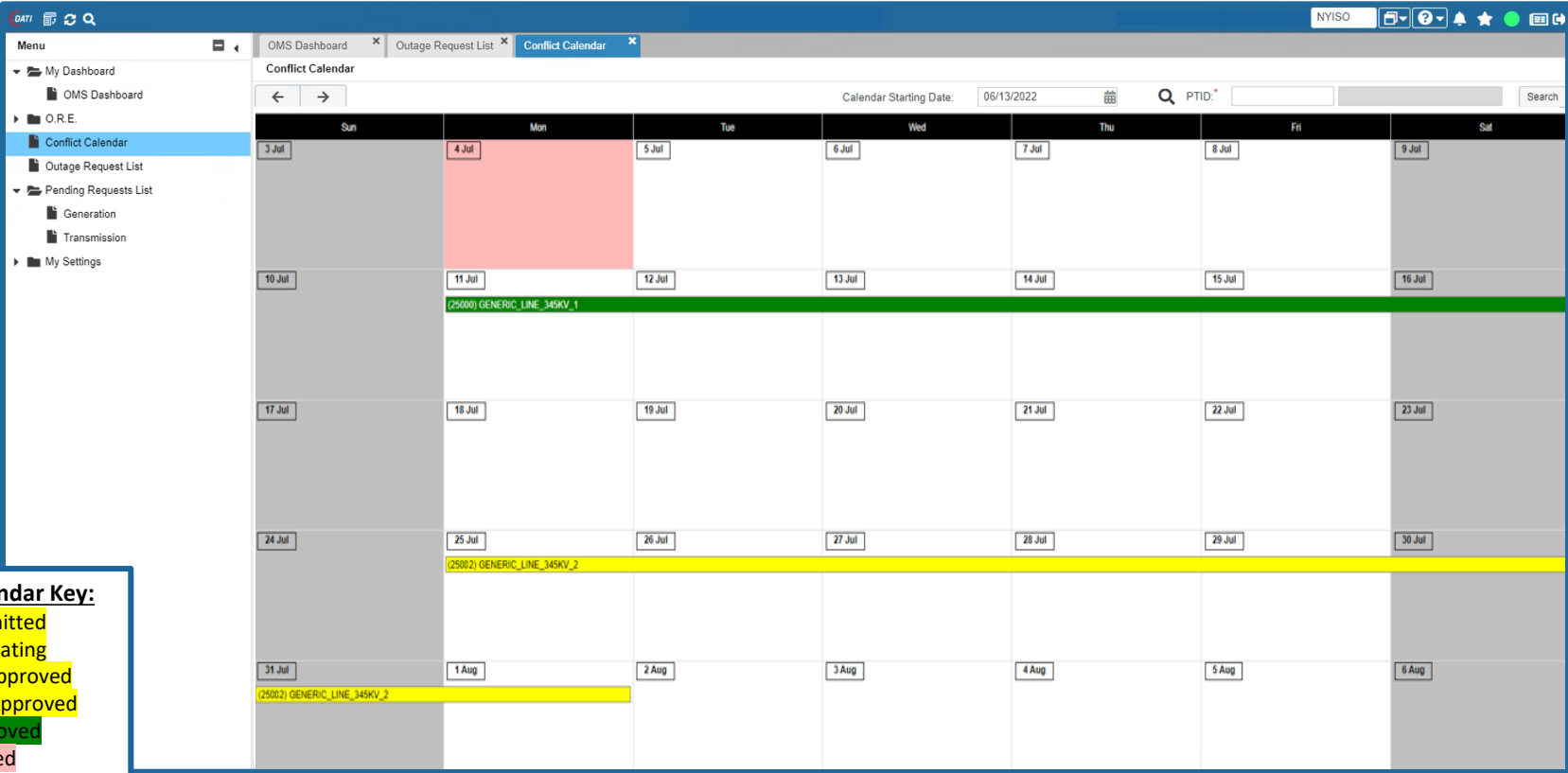


The screenshot displays the OMS Dashboard for the New York ISO. The interface includes a left-hand navigation menu with the following items: My Dashboard, O.R.E., Conflict Calendar (highlighted with a yellow box), Outage Request List, Pending Requests List, and My Settings. The main content area is divided into several sections:

- Dashboard:** Displays the New York ISO logo and user information:
 - User: OMS TO Scheduler, OMS TO Observer
 - Role(s): OMS TO Scheduler, OMS TO Observer
 - Date: June 13, 2022
 - Julian Date: 164
- Outage Ref. ID Lookup:** A search field containing "xx-xxxxx" and a "Search" button. Below it are two buttons: "Transmission O.R.E." and "Conflict Calendar" (highlighted with a yellow box).
- Outage Request List:** A table with columns: Ref. ID, PTID, Equipment Name, TO ID, TO Equipment Name, and Schedule Start. It shows "Filtered By: Date Type: Active" and "Date Range: Date Range (06/12/2022 - 12/31/2024)".
- Generation Pending List:** A table with columns: Ref. ID, PTID, Equipment Name, Schedule Start, Schedule End, and Outage Type. It shows "Filtered By: Scheduled End Date: Today Forward (06/13/2022 - 01/01/3000)".
- Transmission Pending List:** A table with columns: Ref. ID, PTID, Equipment Name, TO ID, TO Equipment Name, and Schedule Start. It shows "Filtered By: Scheduled End Date: Today Forward (06/13/2022 - 01/01/3000)".

At the bottom of the dashboard, there are status indicators for each list: "06/13/2022 14:16:32 EPT | Displaying 39 Record(s)" for the Generation Pending List and "06/13/2022 13:58:36 EPT | Displaying 36 Record(s)" for the Transmission Pending List.

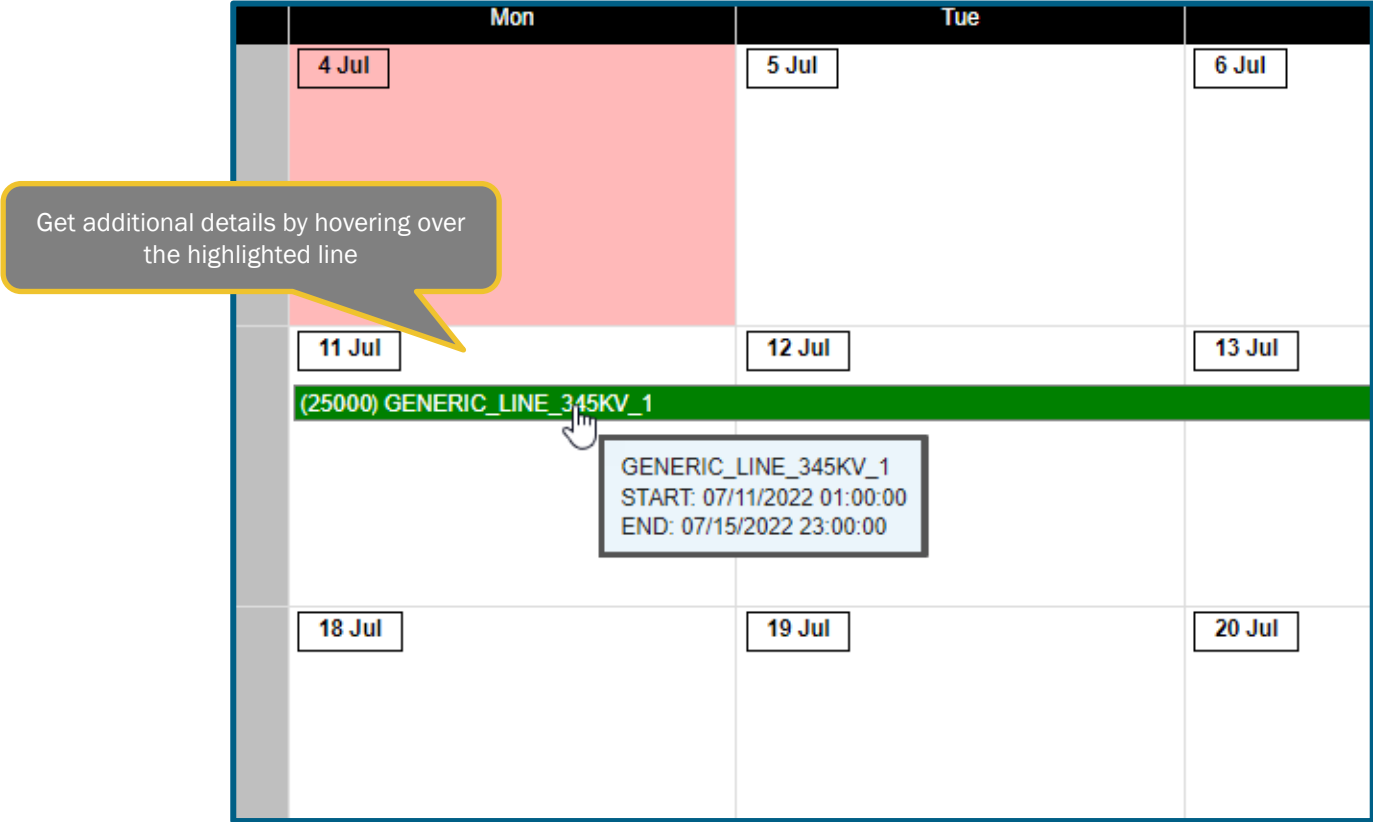
Conflict Calendar



Calendar Key:

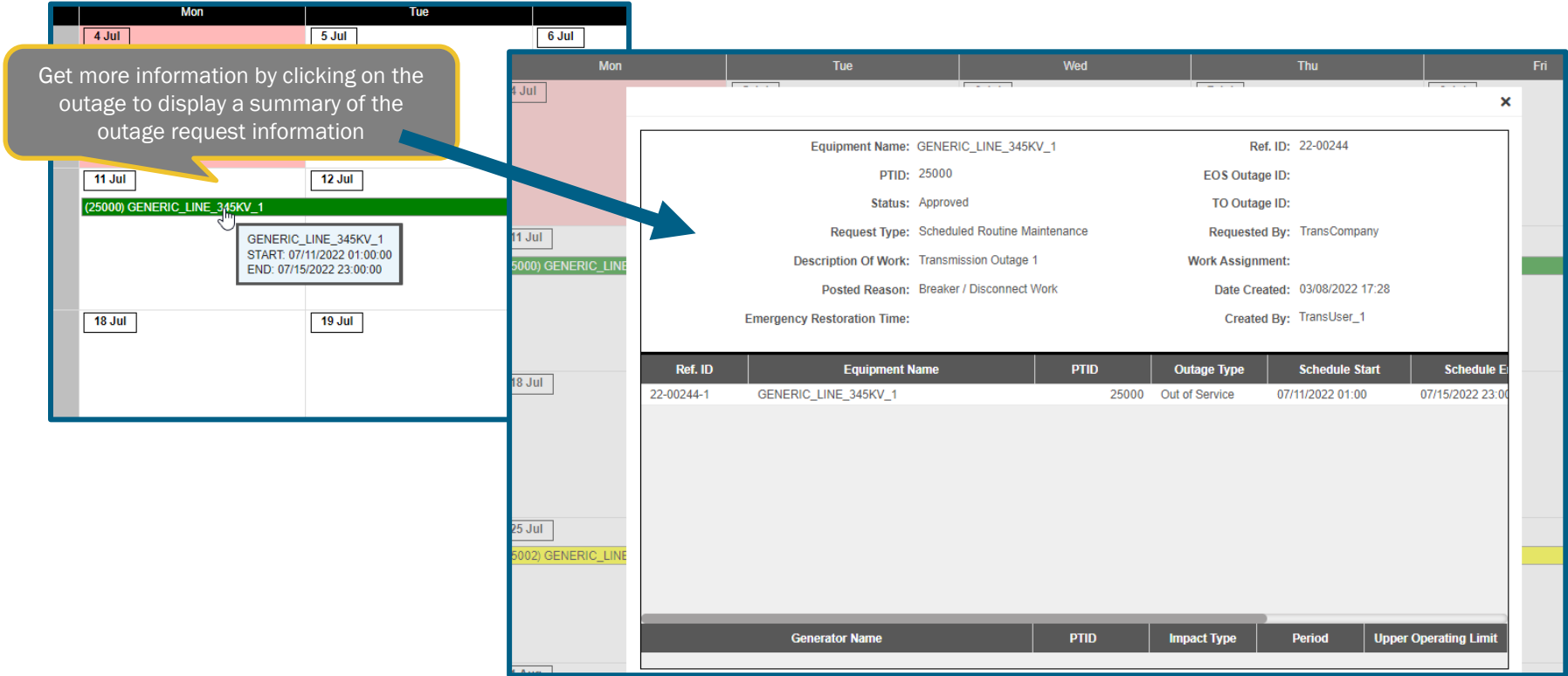
- Submitted
- Evaluating
- TO Approved
- ISO Approved
- Approved
- Denied

Conflict Calendar



Conflict Calendar

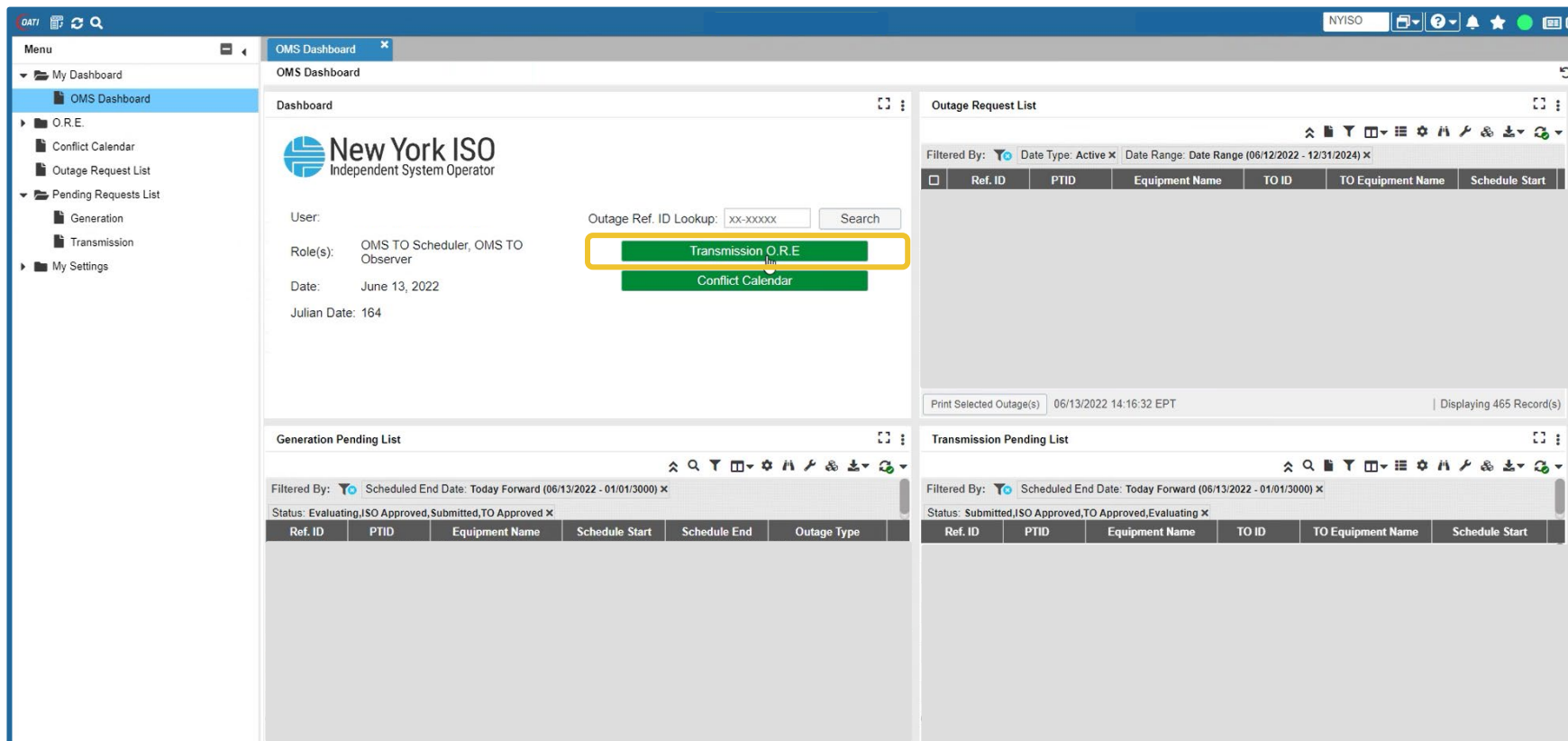
Get more information by clicking on the outage to display a summary of the outage request information



The screenshot displays a 'Conflict Calendar' interface. On the left, a calendar view shows dates from 4 Jul to 19 Jul. A specific outage is highlighted in green on 11 Jul, labeled '(25000) GENERIC_LINE_345KV_1'. A tooltip for this outage shows: 'GENERIC_LINE_345KV_1', 'START: 07/11/2022 01:00:00', and 'END: 07/15/2022 23:00:00'. A blue arrow points from this tooltip to a larger popup window on the right. This popup window provides detailed information for the selected outage, including equipment name, status, request type, and schedule. Below the details is a table listing the outage request.

Ref. ID	Equipment Name	PTID	Outage Type	Schedule Start	Schedule End
22-00244-1	GENERIC_LINE_345KV_1	25000	Out of Service	07/11/2022 01:00	07/15/2022 23:00

New Transmission Outage Request



Menu

- My Dashboard
- OMS Dashboard**
- O.R.E.
- Conflict Calendar
- Outage Request List
- Pending Requests List
- Generation
- Transmission
- My Settings

OMS Dashboard

Dashboard

New York ISO
Independent System Operator

User: [Input Field] Outage Ref. ID Lookup: Search

Role(s): OMS TO Scheduler, OMS TO Observer

Date: June 13, 2022

Julian Date: 164

Outage Request List

Filtered By: Date Type: Active Date Range: Date Range (06/12/2022 - 12/31/2024) x

Ref. ID	PTID	Equipment Name	TO ID	TO Equipment Name	Schedule Start

Print Selected Outage(s) 06/13/2022 14:16:32 EPT | Displaying 465 Record(s)

Generation Pending List

Filtered By: Scheduled End Date: Today Forward (06/13/2022 - 01/01/3000) x

Status: Evaluating,ISO Approved,Submitted,TO Approved x

Ref. ID	PTID	Equipment Name	Schedule Start	Schedule End	Outage Type

Transmission Pending List

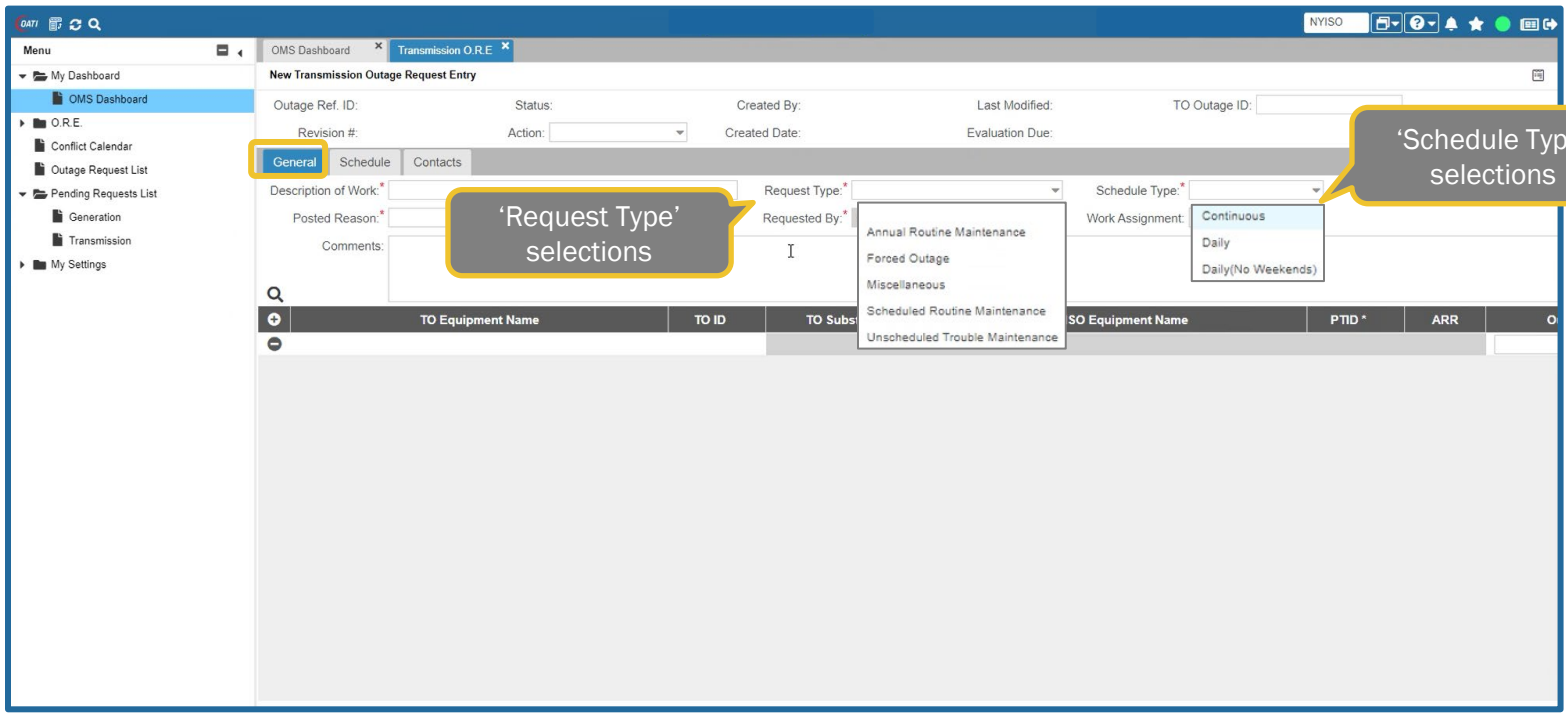
Filtered By: Scheduled End Date: Today Forward (06/13/2022 - 01/01/3000) x

Status: Submitted,ISO Approved,TO Approved,Evaluating x

Ref. ID	PTID	Equipment Name	TO ID	TO Equipment Name	Schedule Start

Transmission Outage Request Form

- General



OMS Dashboard x Transmission O.R.E x
New Transmission Outage Request Entry

Outage Ref. ID: Status: Created By: Last Modified: TO Outage ID:
 Revision #: Action: Created Date: Evaluation Due:

General | Schedule | Contacts

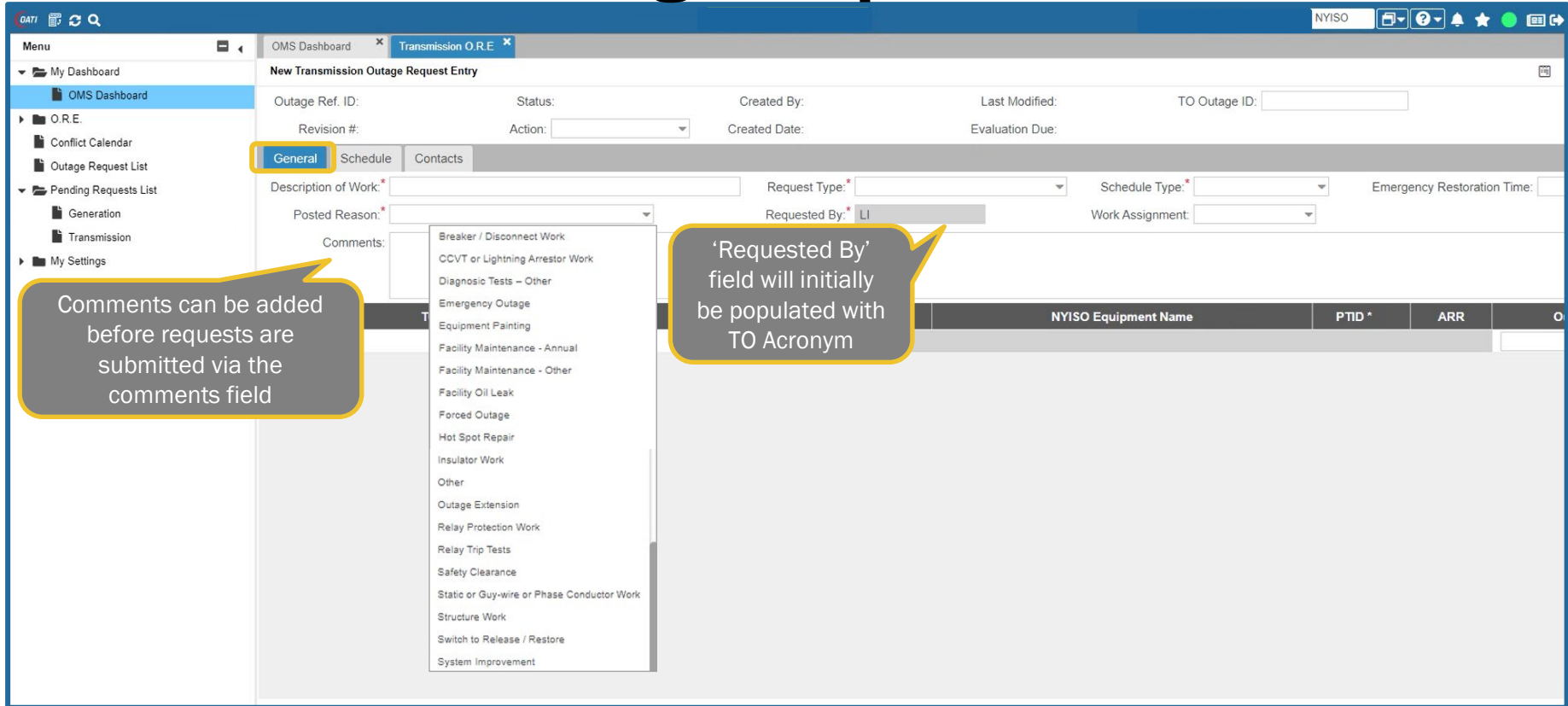
Description of Work: * Request Type: * Schedule Type: *
 Posted Reason: * Requested By: *
 Comments: I

Request Type dropdown options:
 - Annual Routine Maintenance
 - Forced Outage
 - Miscellaneous
 - Scheduled Routine Maintenance
 - Unscheduled Trouble Maintenance

Schedule Type dropdown options:
 - Continuous
 - Daily
 - Daily(No Weekends)

TO Equipment Name	TO ID	TO Subs	SO Equipment Name	PTID *	ARR	O

Transmission Outage Request Form

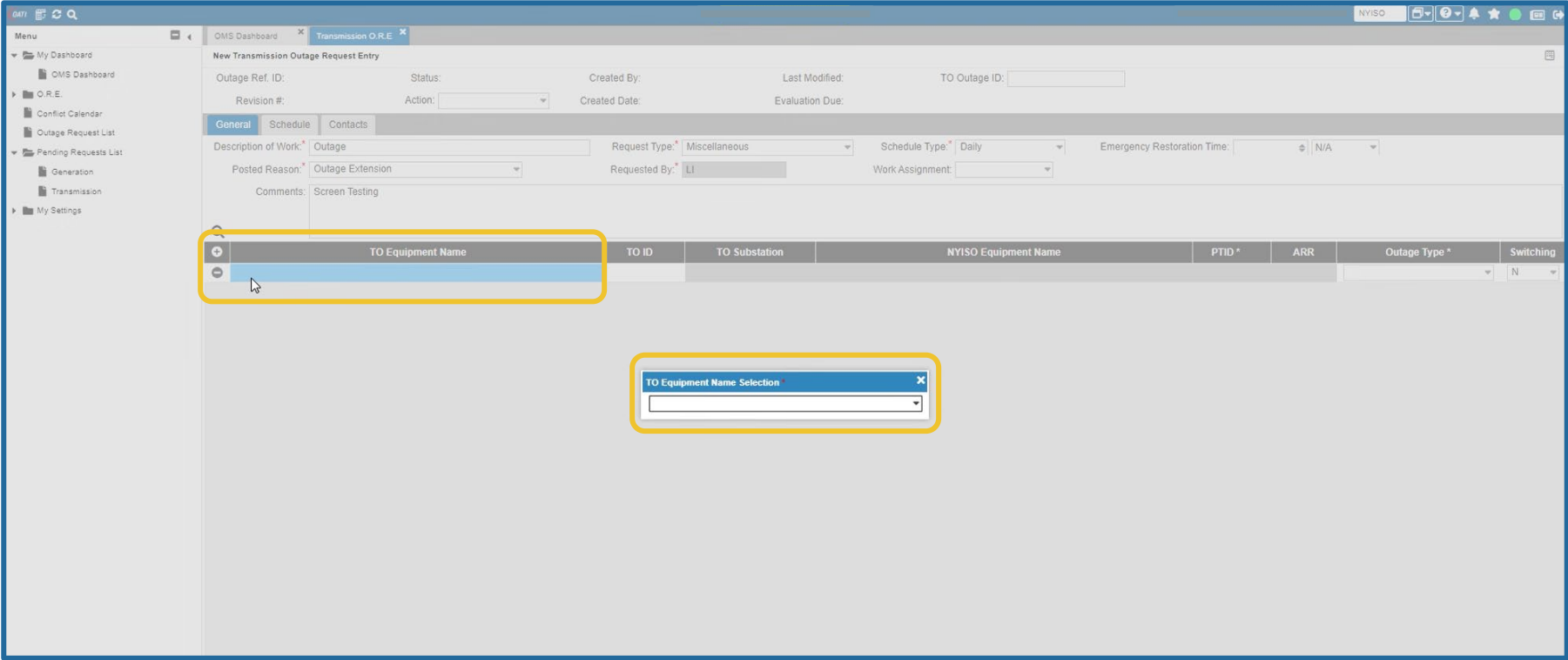


Comments can be added before requests are submitted via the comments field

'Requested By' field will initially be populated with TO Acronym

NYISO Equipment Name	PTID *	ARR	O
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Transmission Outage Request Form



New Transmission Outage Request Entry

Outage Ref. ID: Status: Created By: Last Modified: TO Outage ID:

Revision #: Action: Created Date: Evaluation Due:

General Schedule Contacts

Description of Work: Outage Request Type: Miscellaneous Schedule Type: Daily Emergency Restoration Time: N/A

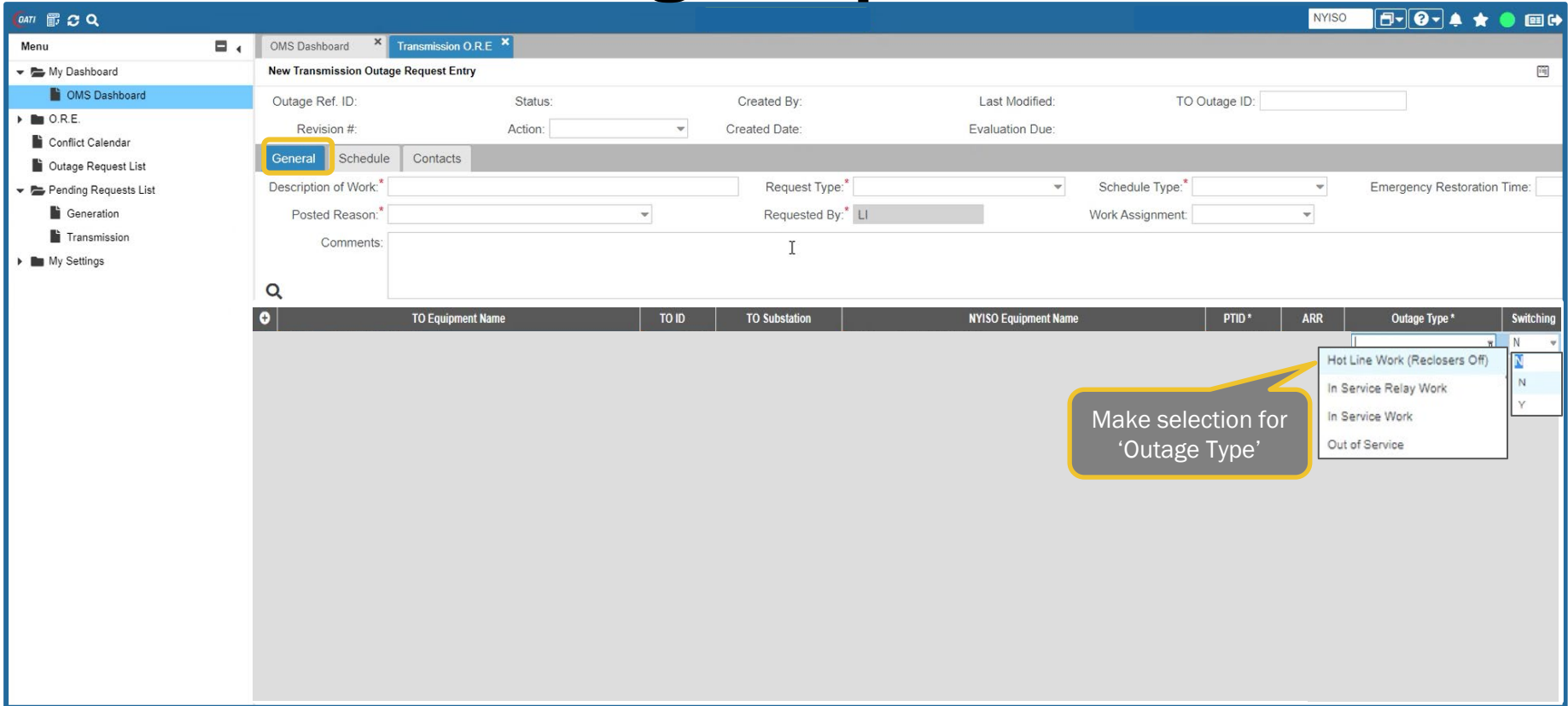
Posted Reason: Outage Extension Requested By: LI Work Assignment:

Comments: Screen Testing

TO Equipment Name	TO ID	TO Substation	NYISO Equipment Name	PTID *	ARR	Outage Type *	Switching
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TO Equipment Name Selection

Transmission Outage Request Form



New Transmission Outage Request Entry

Outage Ref. ID: _____ Status: _____ Created By: _____ Last Modified: _____ TO Outage ID:

Revision #: _____ Action: Created Date: _____ Evaluation Due: _____

General | Schedule | Contacts

Description of Work: Request Type: Schedule Type: Emergency Restoration Time:

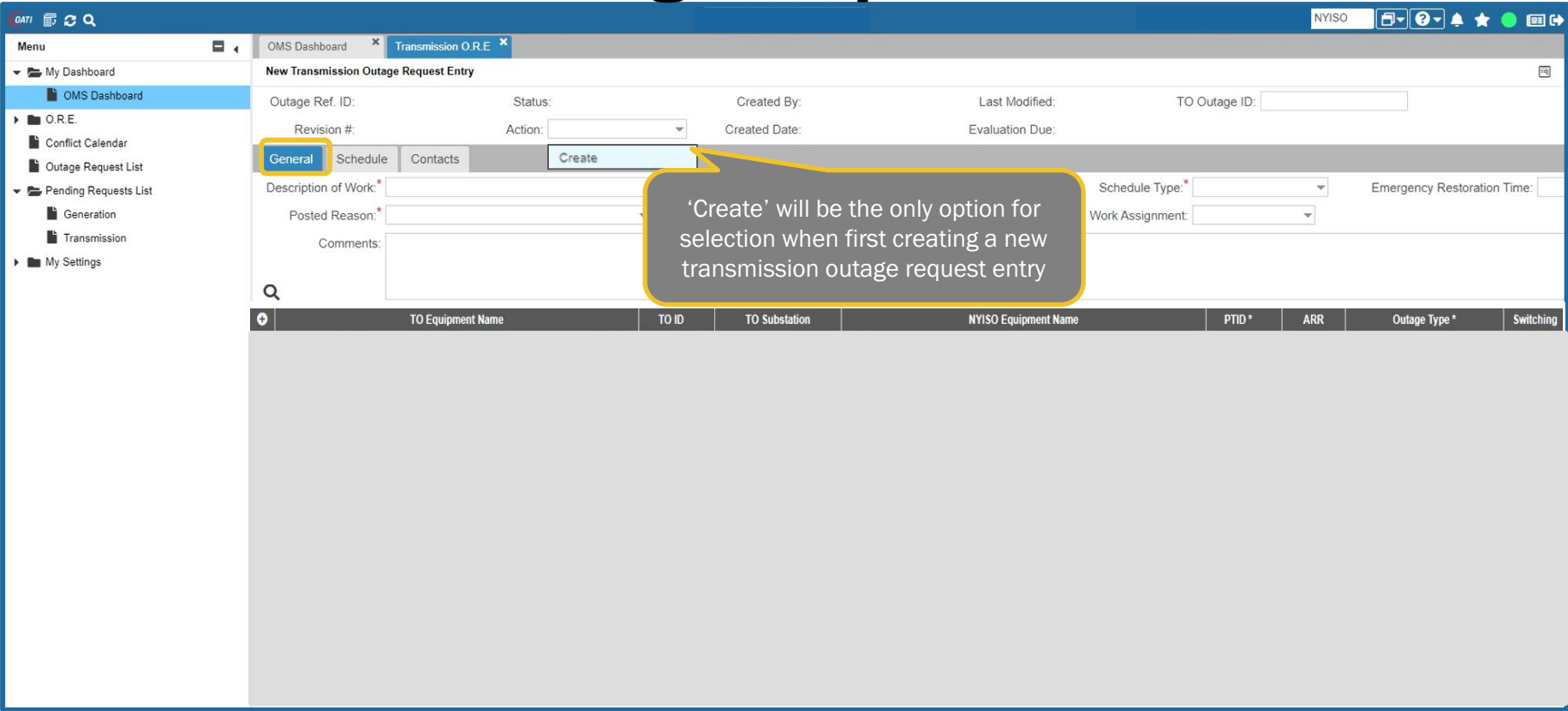
Posted Reason: Requested By: Work Assignment:

Comments:

TO Equipment Name	TO ID	TO Substation	NYISO Equipment Name	PTID *	ARR	Outage Type *	Switching
						<input type="text"/> <ul style="list-style-type: none"> Hot Line Work (Reclosers Off) In Service Relay Work In Service Work Out of Service 	N

Make selection for 'Outage Type'

Transmission Outage Request Form



General | Schedule | Contacts | **Create**

Outage Ref. ID: _____ Status: _____ Created By: _____ Last Modified: _____ TO Outage ID: _____

Revision #: _____ Action: _____ Created Date: _____ Evaluation Due: _____

Description of Work: * _____ Schedule Type: * _____ Emergency Restoration Time: _____

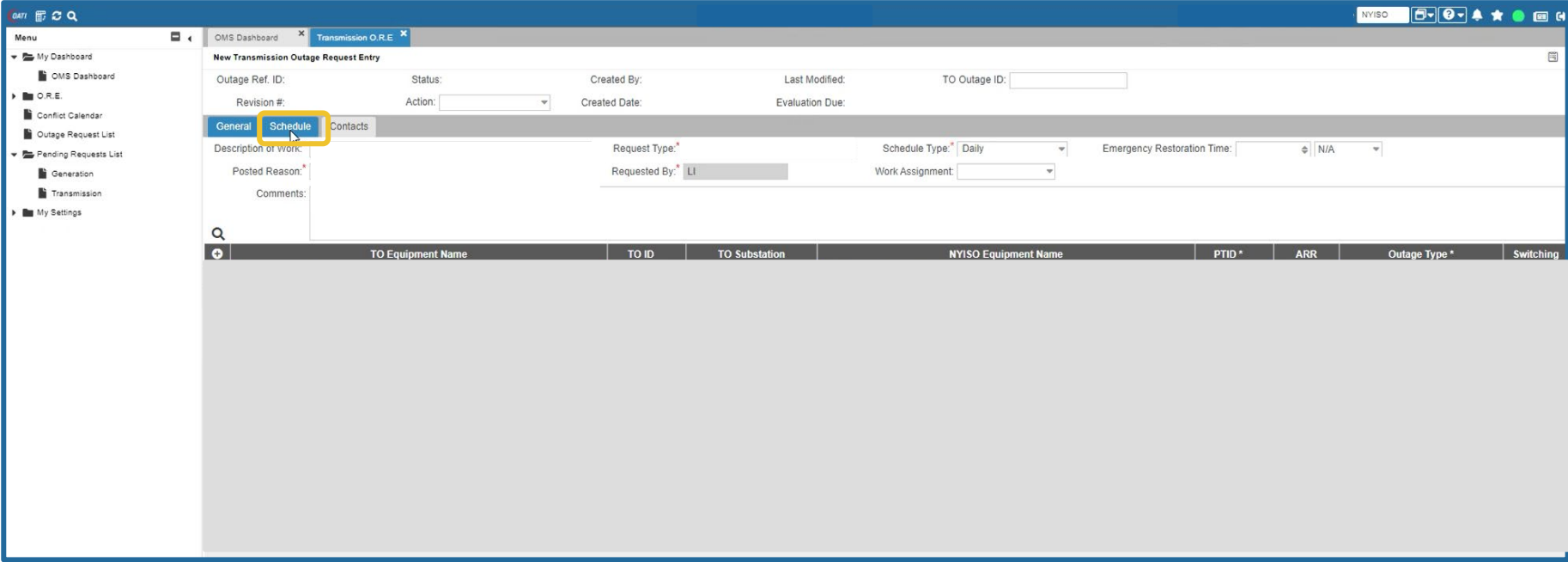
Posted Reason: * _____ Work Assignment: _____

Comments: _____

TO Equipment Name	TO ID	TO Substation	NYISO Equipment Name	PTID *	ARR	Outage Type *	Switching
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Transmission Outage Request Form

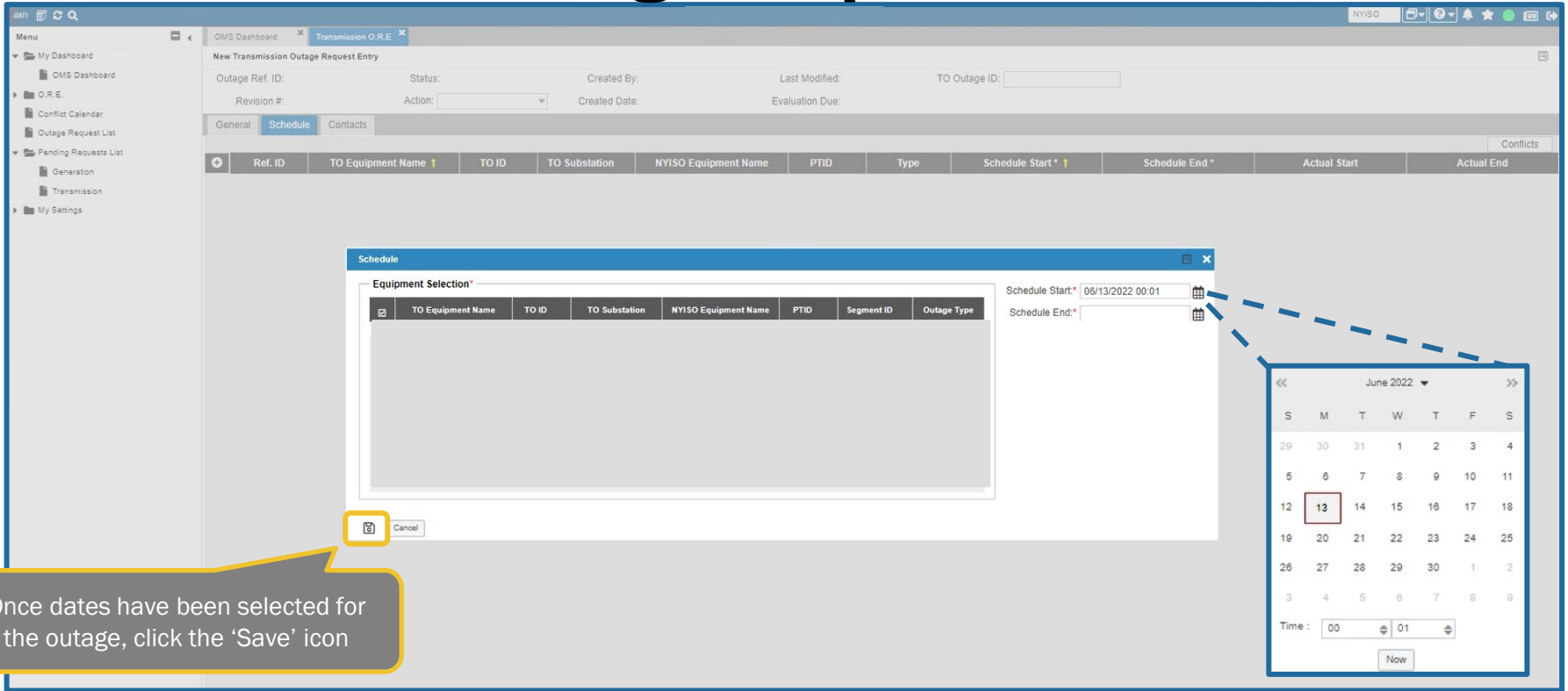
- Schedule



The screenshot displays the 'New Transmission Outage Request Entry' form in the NYISO OMS Dashboard. The 'Schedule' tab is highlighted with a yellow box. The form includes the following fields and sections:

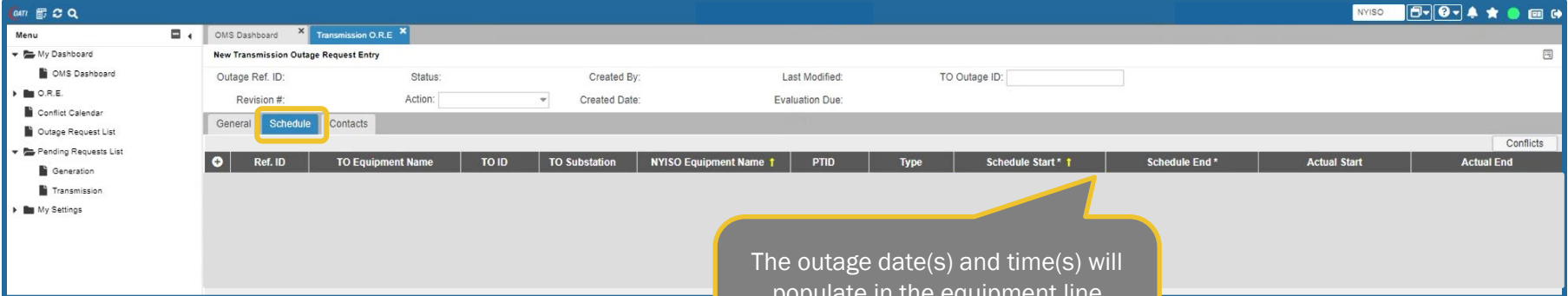
- Metadata:** Outage Ref. ID, Status, Created By, Last Modified, TO Outage ID, Revision #, Action, Created Date, Evaluation Due.
- Navigation:** General, **Schedule** (highlighted), Contacts.
- Description of Work:** Request Type, Schedule Type (Daily), Emergency Restoration Time (N/A).
- Posted Reason:** Requested By (LI), Work Assignment.
- Comments:** A text area for additional notes.
- Table:** A table with columns: TO Equipment Name, TO ID, TO Substation, NYISO Equipment Name, PTID, ARR, Outage Type, and Switching.

Transmission Outage Request Form



Once dates have been selected for the outage, click the 'Save' icon

Transmission Outage Request Form



New Transmission Outage Request Entry

Outage Ref. ID: Status: Created By: Last Modified: TO Outage ID:

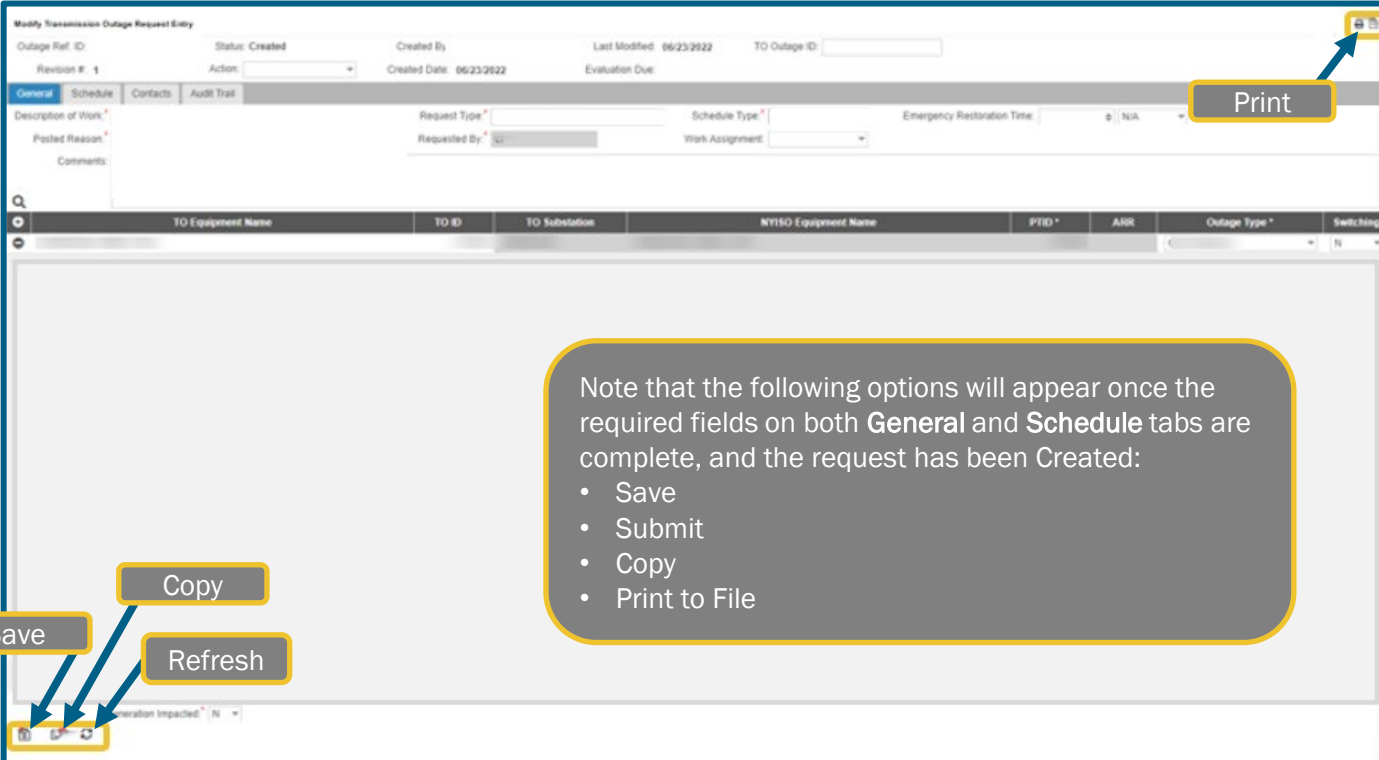
Revision #: Action: Created Date: Evaluation Due:

General **Schedule** Contacts

Ref. ID	TO Equipment Name	TO ID	TO Substation	NYISO Equipment Name ↑	PTID	Type	Schedule Start * ↑	Schedule End *	Actual Start	Actual End
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The outage date(s) and time(s) will populate in the equipment line under columns 'Schedule Start' and 'Schedule End'

Transmission Outage Request Form



Modify Transmission Outage Request Entry

Outage Ref. ID: [] Status: Created Created By: [] Last Modified: 06/23/2022 TO Outage ID: []

Revision #: 1 Action: [] Created Date: 06/23/2022 Evaluation Due: []

General Schedule Contacts Audit Trail

Description of Work: [] Request Type: [] Schedule Type: [] Emergency Restoration Time: [] N/A

Posted Reason: [] Requested By: [] Work Assignment: []

Comments: []

TO Equipment Name	TO ID	TO Substation	NYISO Equipment Name	PTID *	ARR	Outage Type *	Switching

generation impacted: N

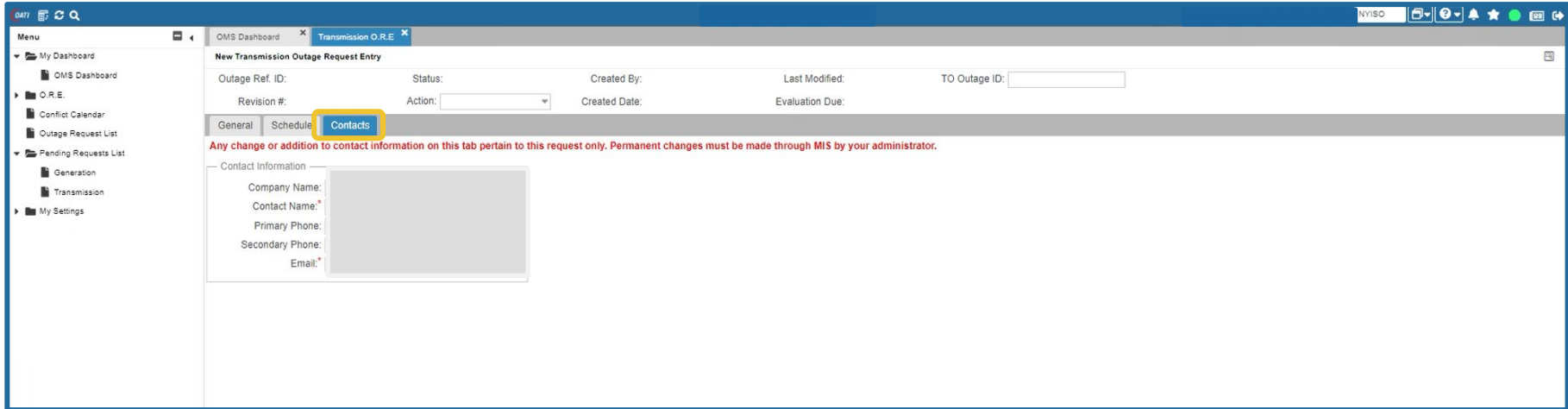
Save **Copy** **Refresh** **Print**

Note that the following options will appear once the required fields on both **General** and **Schedule** tabs are complete, and the request has been Created:

- Save
- Submit
- Copy
- Print to File

Transmission Outage Request Form

■ Contacts



The screenshot displays the 'New Transmission Outage Request Entry' form in the NYISO OMS Dashboard. The 'Contacts' tab is selected and highlighted with a yellow box. The form includes a navigation menu on the left, a header with the title 'New Transmission Outage Request Entry', and a main content area with a red warning message and a 'Contact Information' section.

Menu:

- My Dashboard
 - OMS Dashboard
- O.R.E.
 - Conflict Calendar
 - Outage Request List
- Pending Requests List
 - Generation
 - Transmission
- My Settings

Header:

OMS Dashboard x Transmission O.R.E x

New Transmission Outage Request Entry

Outage Ref. ID: Status: Created By: Last Modified: TO Outage ID:

Revision #: Action: Created Date: Evaluation Due:

General Schedule **Contacts**

Any change or addition to contact information on this tab pertain to this request only. Permanent changes must be made through MIS by your administrator.

Contact Information

Company Name:

Contact Name:*

Primary Phone:

Secondary Phone:

Email:*

Available Controls

■ Save

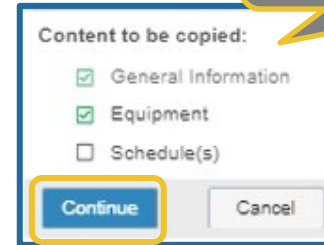
- Saves outage request data

■ Copy

- Opens new outage request, duplicating information from current request

■ Print

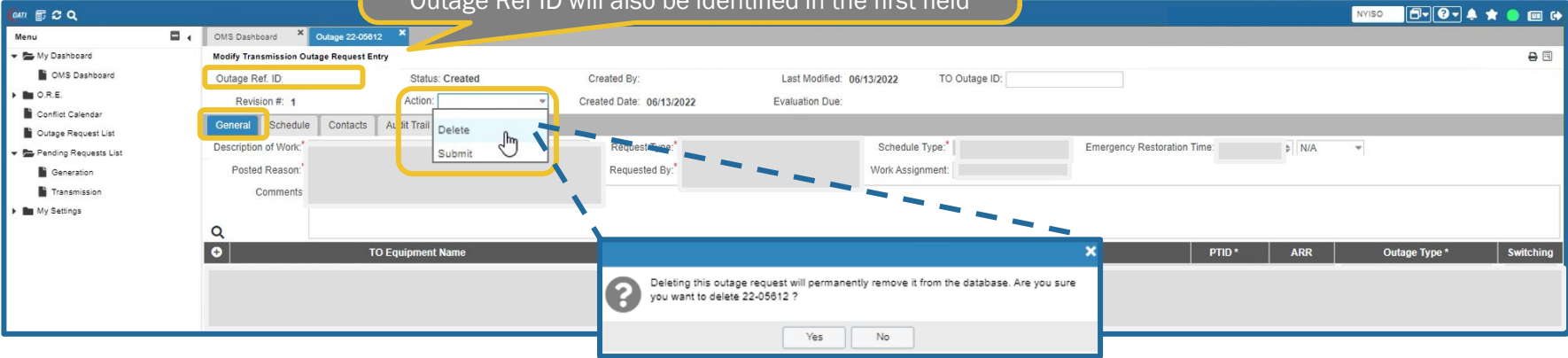
- Creates a PDF displaying the Generation Outage Report for the current outage request



Choose the content that will be copied from this pop up screen

Submitting a Request

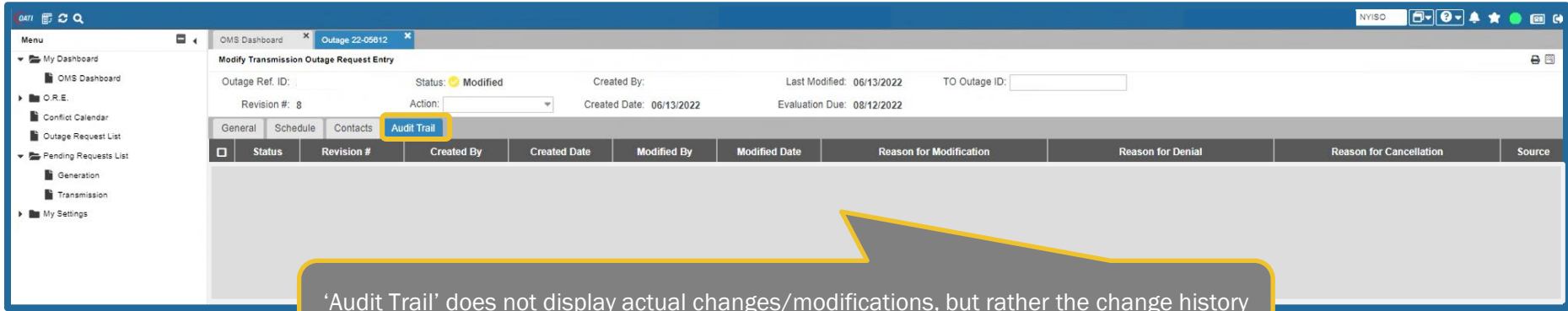
Outage request entry will be assigned an Outage Reference ID and will be visible in newly created tab; Outage Ref ID will also be identified in the first field



The screenshot displays the 'Modify Transmission Outage Request Entry' interface. Key elements include:

- Outage Ref. ID:** 22-05612 (highlighted in a yellow box)
- Status:** Created
- Created Date:** 06/13/2022
- TO Outage ID:** (empty field)
- Revision #:** 1
- Action:** A dropdown menu with 'Delete' and 'Submit' options. 'Delete' is highlighted with a yellow box and a hand cursor.
- General Tab:** The 'General' tab is selected, with other tabs like 'Schedule', 'Contacts', and 'Audit Trail' visible.
- Confirmation Dialog:** A blue dialog box with a question mark icon asks: "Deleting this outage request will permanently remove it from the database. Are you sure you want to delete 22-05612 ?". It has 'Yes' and 'No' buttons.
- Table:** A table with columns: TO Equipment Name, PTID *, ARR, Outage Type *, and Switching.

Audit Trail



OMS Dashboard | Outage 22-05812

Modify Transmission Outage Request Entry

Outage Ref. ID: [] Status: ● Modified Created By: [] Last Modified: 06/13/2022 TO Outage ID: []

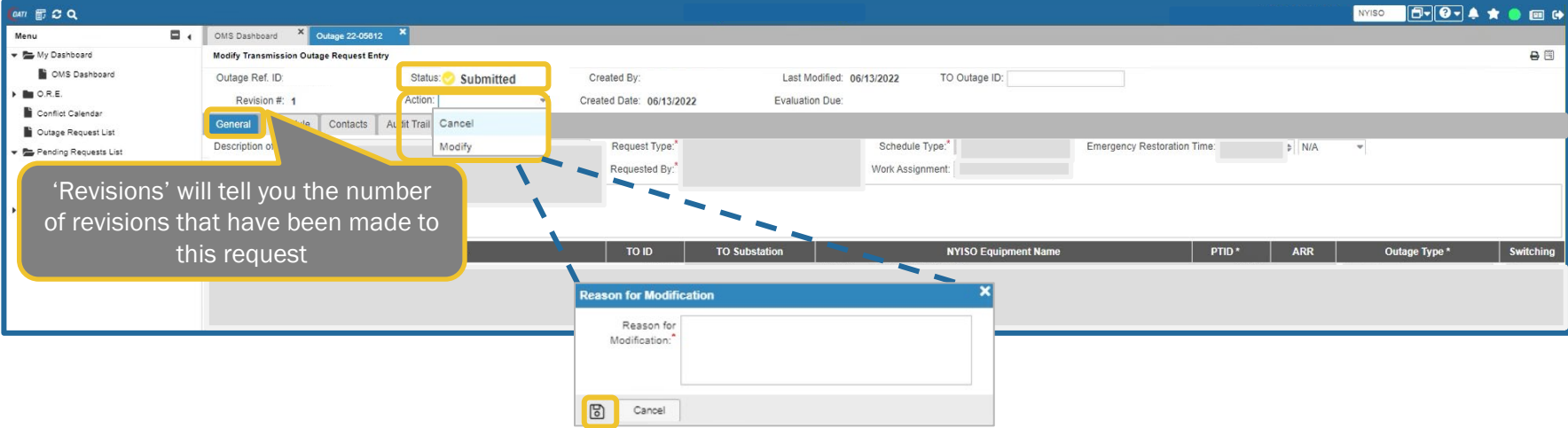
Revision #: 8 Action: [] Created Date: 06/13/2022 Evaluation Due: 08/12/2022

General | Schedule | Contacts | **Audit Trail**

Status	Revision #	Created By	Created Date	Modified By	Modified Date	Reason for Modification	Reason for Denial	Reason for Cancellation	Source

'Audit Trail' does not display actual changes/modifications, but rather the change history across the various fields for this outage request

Modifying Request



‘Revisions’ will tell you the number of revisions that have been made to this request

Modify Transmission Outage Request Entry

Status: Submitted

Revision #: 1

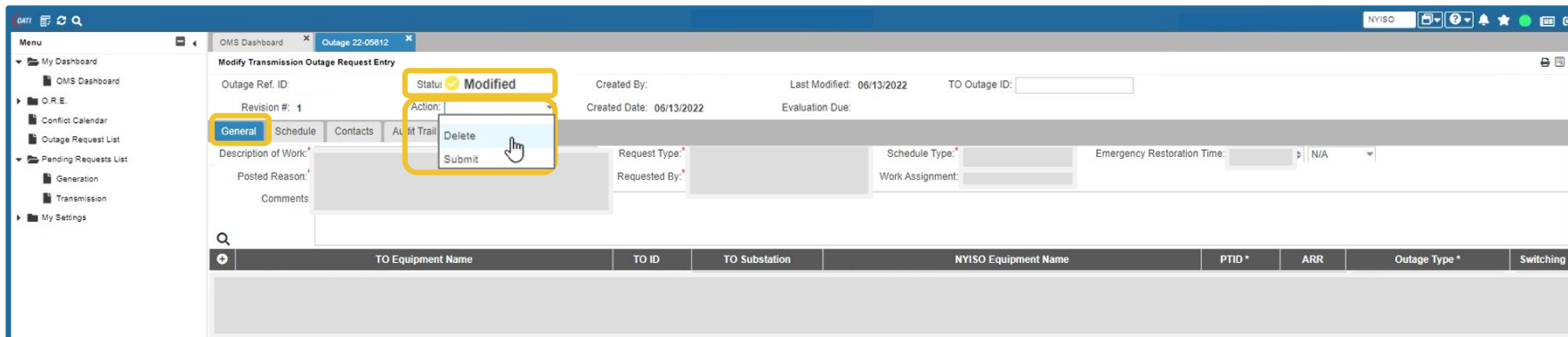
General

Reason for Modification:

Cancel

TO ID	TO Substation	NYISO Equipment Name	PTID *	ARR	Outage Type *	Switching
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Submitting Request



The screenshot shows the 'Modify Transmission Outage Request Entry' form in the OMS Dashboard. The form is for 'Outage 22-05812' and is currently in 'Modified' status. The 'Action' dropdown menu is open, showing 'Delete' and 'Submit' options. The 'General' tab is selected in the left sidebar.

Form Fields:

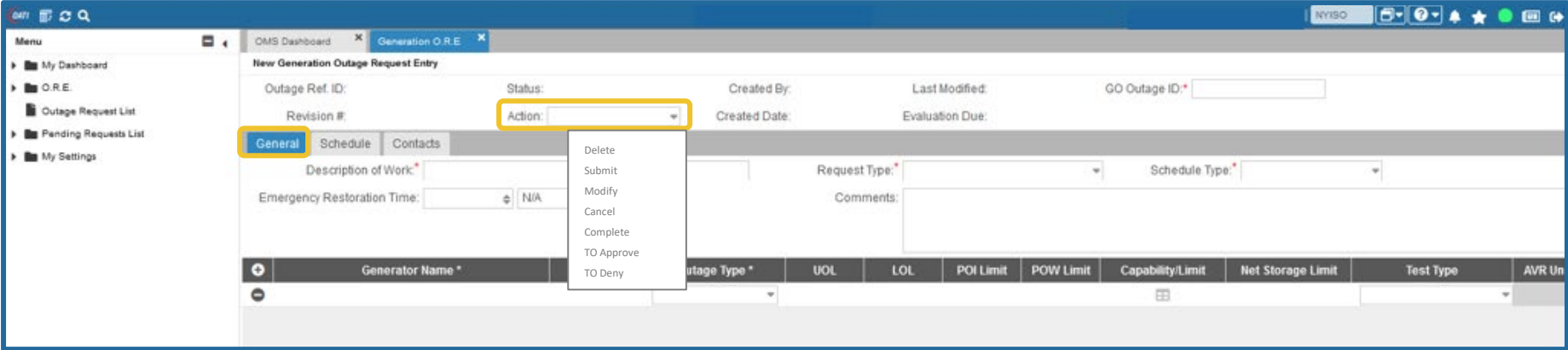
- Outage Ref. ID: [Empty]
- Revision #: 1
- Created Date: 06/13/2022
- Last Modified: 06/13/2022
- TO Outage ID: [Empty]
- Request Type: *
- Schedule Type: *
- Emergency Restoration Time: [Empty] | N/A
- Posted Reason: *
- Requested By: *
- Work Assignment: *
- Comments: [Empty]

TO Equipment Name	TO ID	TO Substation	NYISO Equipment Name	PTID *	ARR	Outage Type *	Switching
[Empty]							

Outage Request Status Conditions

Request State	Request State Defined
Created	Request information as entered has been saved and stored in the Outage Scheduler (OMS) database(s). The outage request has not been sent to the NYISO and TO evaluators.
Submitted	The request has been submitted to NYISO/TO for evaluation, but the evaluators (NYISO/TO) have not yet started the evaluation process.
Evaluating	The NYISO/TO evaluators have begun evaluating the outage request.
TO Approved	The TO evaluators have reviewed the outage request and agreed that the request can occur on the date/time specified for the outage request. In the case of a generation request, the TO is the local TO where the generator is located. In the case of a transmission request, the TO would be a switching authority.
NYISO Approved	The NYISO evaluators have reviewed the outage request and agreed that the request can occur on the date/time specified for the outage request.
Approved	Both the NYISO and the TO evaluators have reviewed the outage request and have agreed that the request can occur on the date/time specified for the outage request.
Denied	The NYISO/TO evaluators have reviewed the outage request and have determined that it cannot reliably occur. The evaluator will provide a reason for the denial and alternate dates when the outage can be accommodated.
Modified	A request that was previously evaluated, either approved or denied, is being edited. The user who is modifying the request is required to enter a reason for the modification.
Cancelled <i>(non-reversible)</i>	The submitter has decided to withdraw the outage request any time after the outage was submitted for evaluation. To have the request for cancellation recognized, the user who cancels the request is required to enter a reason for the cancellation. The outage request information remains in the Outage Scheduler (OMS) database(s) and can be displayed.
Completed <i>(non-reversible)</i>	This status is only available for generation outage requests. For a currently ongoing and approved request, the user can accurately reflect the early completion of the outage request. The user who is completing the request is required to enter the time and date of job completion.

T0 Outage Request Entry Form



Menu

- My Dashboard
- O.R.E.
 - Outage Request List
 - Pending Requests List
- My Settings

New Generation Outage Request Entry

Outage Ref. ID: Status: Created By: Last Modified: GO Outage ID:

Revision #: Action:

General | Schedule | Contacts

Description of Work:

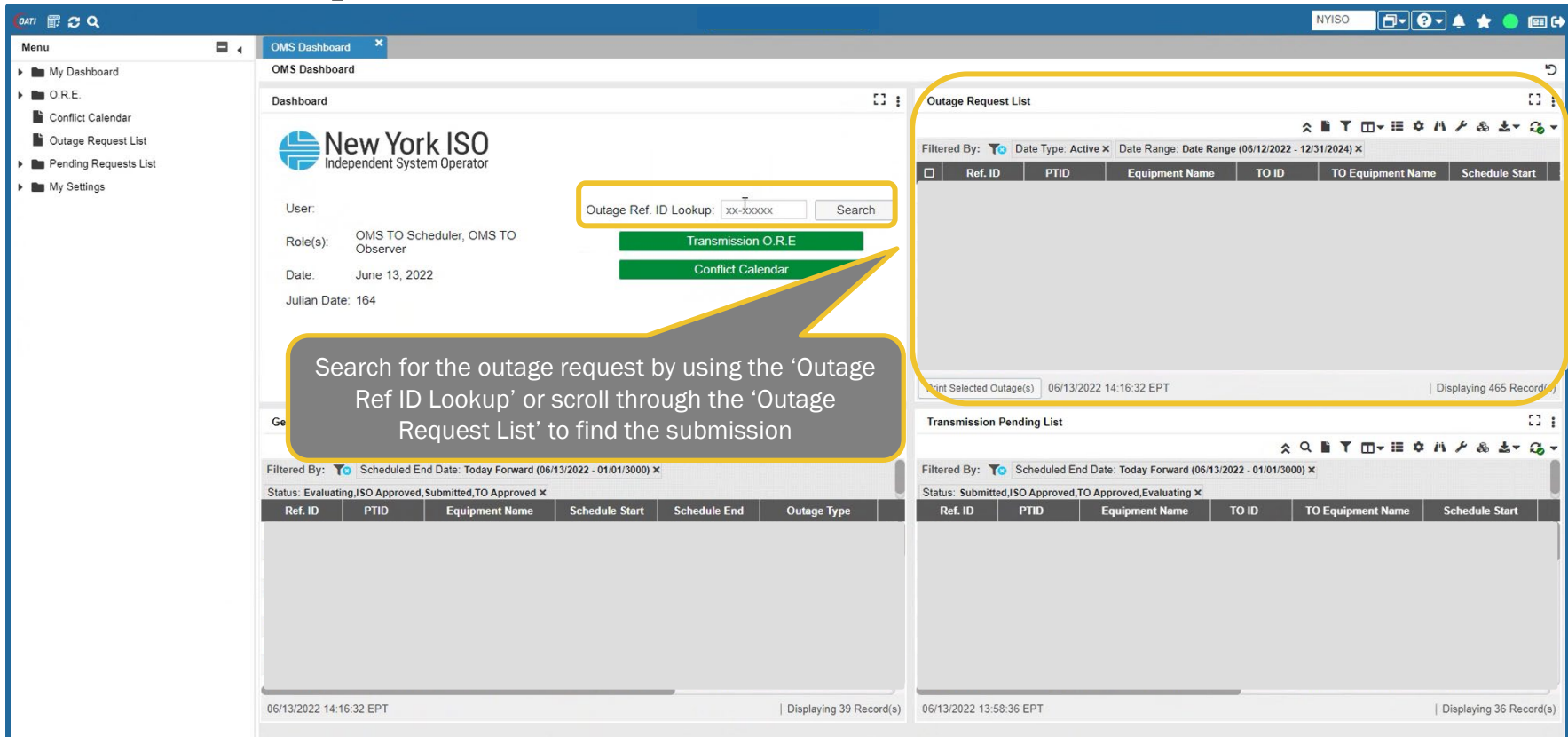
Emergency Restoration Time:

Request Type: Schedule Type:

Comments:

Generator Name *	Outage Type *	UOL	LOL	POI Limit	POW Limit	Capability/Limit	Net Storage Limit	Test Type	AVR Un
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Search Options



The screenshot displays the OMS Dashboard interface. On the left is a navigation menu with items like 'My Dashboard', 'O.R.E.', 'Conflict Calendar', 'Outage Request List', 'Pending Requests List', and 'My Settings'. The main content area is titled 'O.M.S. Dashboard' and includes the New York ISO logo and user information (User, Role(s), Date, Julian Date). Two green buttons are visible: 'Transmission O.R.E.' and 'Conflict Calendar'. A yellow callout box highlights the 'Outage Ref. ID Lookup' search field with the text 'xx-xxxxx' and a 'Search' button. A larger yellow callout box points to the 'Outage Request List' table, which is filtered by 'Date Type: Active' and 'Date Range: 06/12/2022 - 12/31/2024'. Below this, there are two more tables: 'Transmission Pending List' and another 'Outage Request List' table, both with their own filters and record counts.

Outage Ref. ID Lookup: xx-xxxxx

Outage Request List

Filtered By: Date Type: Active Date Range: Date Range (06/12/2022 - 12/31/2024)

Ref. ID	PTID	Equipment Name	TO ID	TO Equipment Name	Schedule Start
Print Selected Outage(s) 06/13/2022 14:16:32 EPT Displaying 465 Record(s)					

Transmission Pending List

Filtered By: Scheduled End Date: Today Forward (06/13/2022 - 01/01/3000)

Status: Submitted,ISO Approved,TO Approved,Evaluating

Ref. ID	PTID	Equipment Name	TO ID	TO Equipment Name	Schedule Start
06/13/2022 13:58:36 EPT Displaying 36 Record(s)					

Outage Request List

Filtered By: Scheduled End Date: Today Forward (06/13/2022 - 01/01/3000)

Status: Evaluating,ISO Approved,Submitted,TO Approved

Ref. ID	PTID	Equipment Name	Schedule Start	Schedule End	Outage Type
06/13/2022 14:16:32 EPT Displaying 39 Record(s)					

Search Options:

Search for the outage request by using the 'Outage Ref ID Lookup' or scroll through the 'Outage Request List' to find the submission

Next Steps

Next Steps

■ Market Trials

- Registration deadline July 8th, 2022
- Participation July 11th – August 5th, 2022
 - Monday – Friday
 - 10:00am – 3:00pm EPT



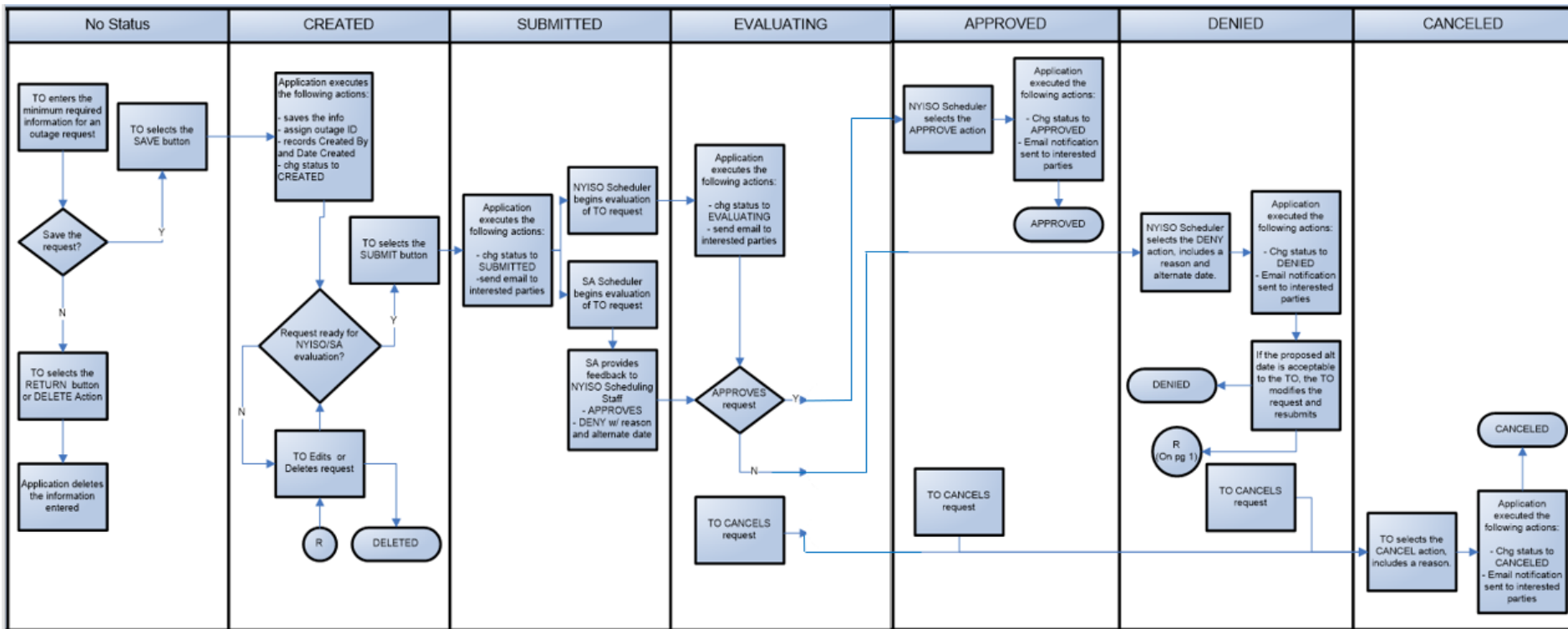
■ Outage Scheduler (OMS) System Implementation

■ eLearning Training Materials Published to NYISO website

- NYISO Outage Scheduling Process
- OMS Navigation for GOs
- OMS Navigation for TOs
- Grid Operations Coordination Portal (GOCP) for Distributed Energy Resource (DER) Aggregators

Additional Resources

Summary TO Outage Request Process Flow



NYISO Supporting Documentation

- Outage Scheduler User's Guide
- Market Participant User's Guide
- NAESB Digital Certificate Tutorial



Questions?

For any future assistance, please contact NYISO Stakeholder Services at stakeholder_services@nyiso.com or by phone at (518) 356-6060