

# **Grid Operations Coordination Portal (GOCP) for Distribution System Operators (DSO)**

---

**Kasia Shunk**

Senior Market Trainer, Market Training, NYISO

Market Training  
Q3 2023  
eLearning

# Presentation Outline

- **Presentation Objectives**
- **Project Purpose**
- **GOCP Walk-Through**
  - User Requirements
  - Portal Navigation
- **Additional Resources**

# Presentation Objectives

- Define the Grid Operations Coordination Portal (GOCP)
- Explain the purpose of the GOCP
- Describe how to Access the GOCP
- Navigate the GOCP
- Demonstrate how to view outage requests
- Demonstrate how to view Supplemental Resource Availability Requests (SRA Requests)

# Project Purpose

## ■ Grid Operations Coordination Portal (GOCP)

- Allows for Aggregators and Transmission Owners to submit, modify, and view aggregation outage and Supplemental Resource Availability (SRA) requests.
- Allows NYISO operators to review, modify, and approve or decline those requests; in support of maintaining grid reliability.
- With permissions from the TO, the DSO may have access to view existing requests

# User Types

## ■ GOCP User Roles

- Privileges within the Outage Management System (OMS)
  - GOCP GO Observer\*
  - GOCP GO Scheduler\*
  - GOCP TO Observer
  - GOCP TO Scheduler
  - GOCP TO Admin
  - GOCP DSO Observer
- Privileges linked to MIS username
- Privileges assigned by associated TO

*\* Aggregators will assume the GOCP GO Observer and/or Scheduler roles within the GOCP System*

# User Permissions

	Aggregators	TO	DSO
New Outage Request	●	●	
Modify Outage Request	●	●	
End an Outage	●	●	
Cancel an Outage	●	●	
View Outage Request Report	●	●	●
New SRA Request		●	
Modify SRA Request		●	
End an SRA Request		●	
Cancel an SRA Request		●	
View SRA Request Report	·	●	●
Grant Observer Access to DSO		●	

## ■ User Role

- Aggregators/GO
- Transmission Owners (TO)
- Distribution System Operator (DSO)

## ■ User Permissions

- Create a new Outage/SRA Request
- Modify an Outage/SRA Request
- End an Outage/SRA Request
- Cancel Outage/SRA Request
- View a list report of current requests
- Grant Observer Access to DSO

# GOCP Walk-Through

# GOCP Walk-Through

## *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	Google Chrome 96 or higher <sup>2</sup> Microsoft Edge 96 or higher <sup>2</sup> Mozilla Firefox - x64 - 96 or higher <sup>2</sup>
Browser Add-ons	Microsoft Silverlight 5.1.50907.0 <sup>3</sup>
CSV	Spreadsheet application
PDF	PDF Reader



# OMS User Requirements

- Network Specifications

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



## ■ MIS Privileges

- GOCP Access must first be set-up for MIS account at *Org Level*
  - Privilege assigned at organization level by NYISO at registration
- GOCP Privileges can then be assigned to individual MIS account at *User Level*
  - Privilege assigned at user level by applicable Transmission Owner's allocated MIS Administrator

## ■ Digital Certificate

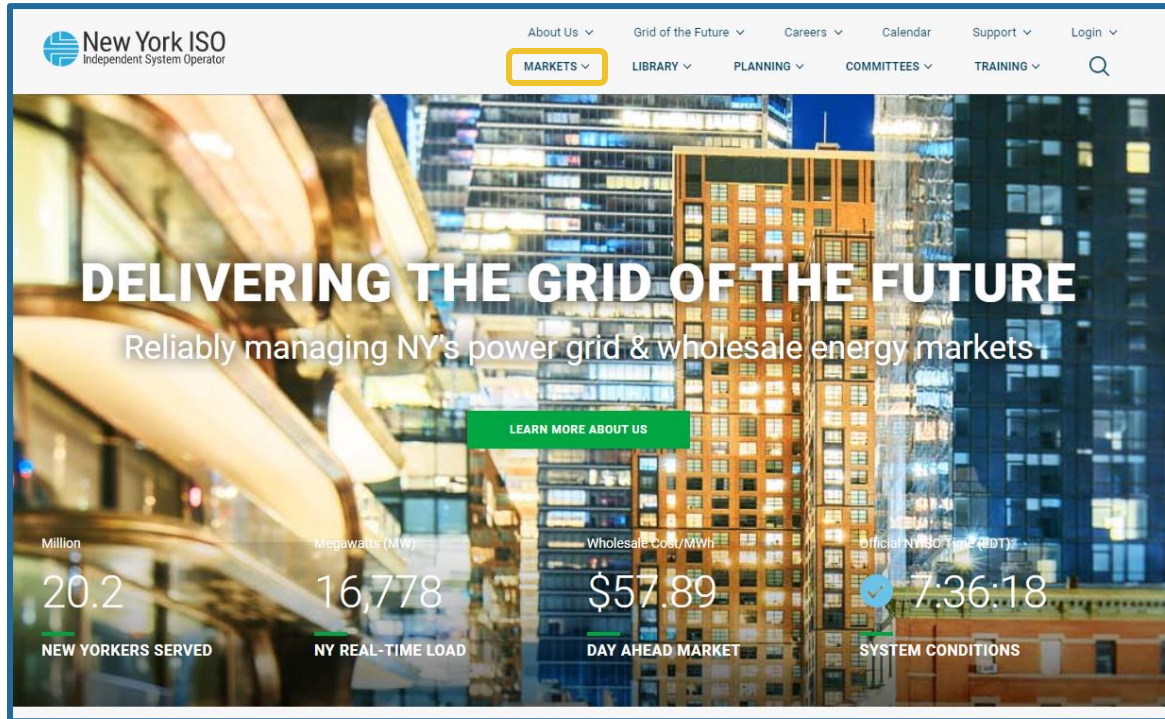
- Valid NAESB Digital Certificate Required
  - linked to MIS username
  - Installed on user's computer

# GOCP Walk-Through

## *Portal Navigation*

# Accessing OMS

- NYISO Market Access Login



The screenshot shows the New York ISO website homepage. The header includes the logo and navigation menu with 'MARKETS' highlighted. The main banner features the text 'DELIVERING THE GRID OF THE FUTURE' and 'Reliably managing NY's power grid & wholesale energy markets'. Below the banner are four key metrics: '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 NY ISO TIME (EDT) SYSTEM CONDITIONS'. A 'LEARN MORE ABOUT US' button is also present.

New York ISO  
Independent System Operator

MARKETS ▾ LIBRARY ▾ PLANNING ▾ COMMITTEES ▾ TRAINING ▾

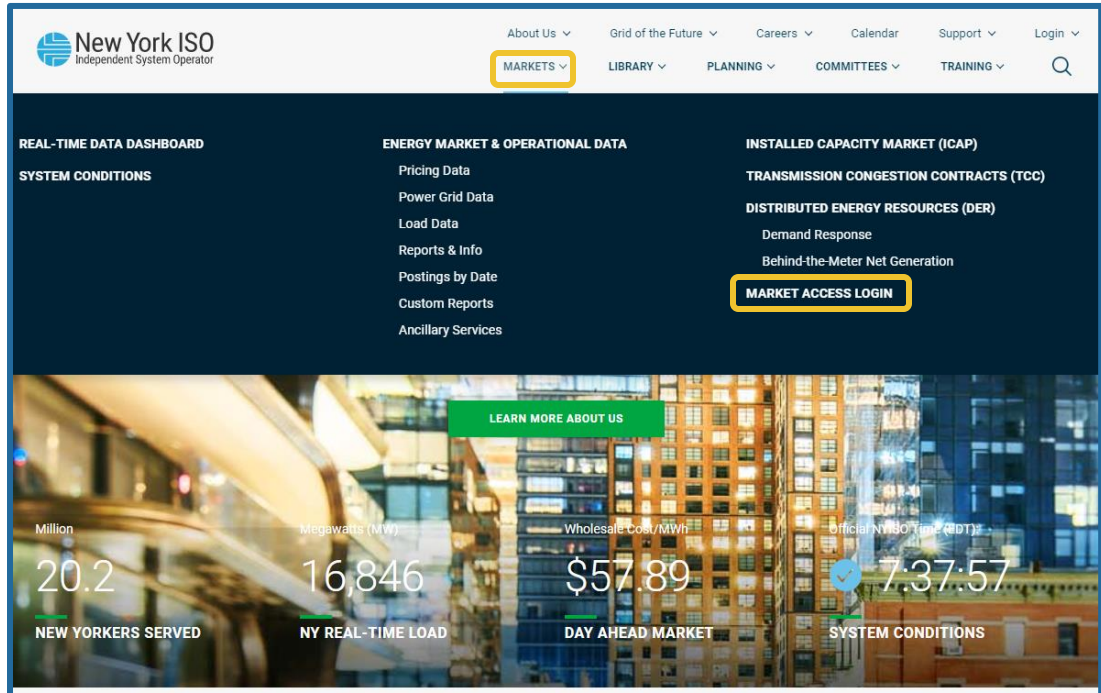
DELIVERING THE GRID OF THE FUTURE  
Reliably managing NY's power grid & wholesale energy markets

LEARN MORE ABOUT US

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

# Accessing OMS

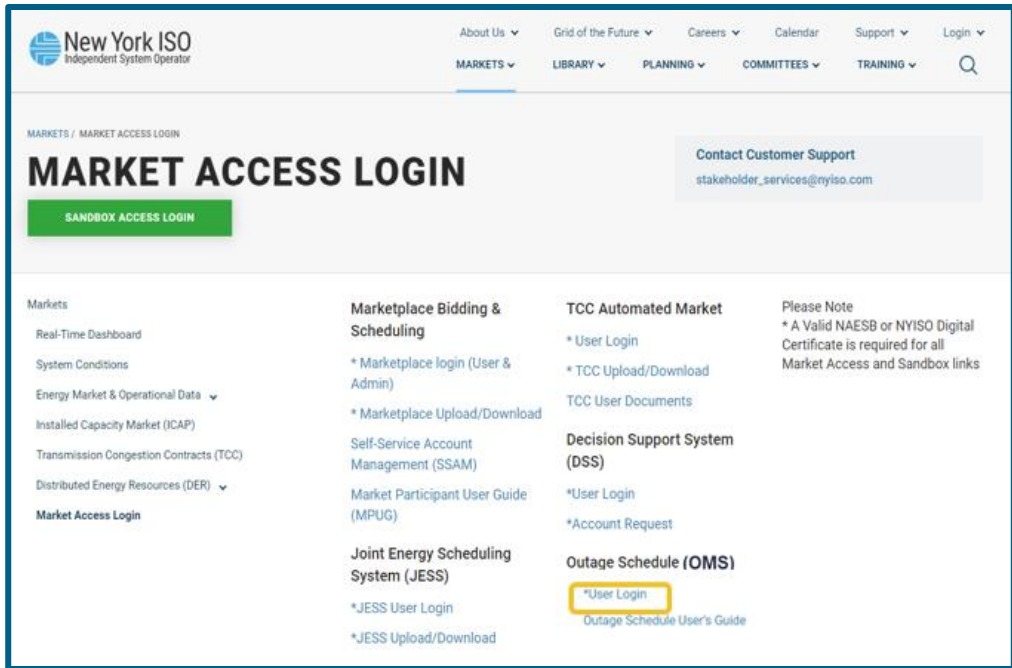
## ■ NYISO Market Access Login



The screenshot shows the NYISO website interface. The top navigation bar includes the NYISO logo and several menu items: About Us, Grid of the Future, Careers, Calendar, Support, Login, MARKETS (highlighted with a yellow box), LIBRARY, PLANNING, COMMITTEES, TRAINING, and a search icon. Below the navigation bar, the main content area is divided into three columns of links. The first column contains 'REAL-TIME DATA DASHBOARD' and 'SYSTEM CONDITIONS'. The second column contains 'ENERGY MARKET & OPERATIONAL DATA' with sub-links for Pricing Data, Power Grid Data, Load Data, Reports & Info, Postings by Date, Custom Reports, and Ancillary Services. The third column contains 'INSTALLED CAPACITY MARKET (ICAP)', 'TRANSMISSION CONGESTION CONTRACTS (TCC)', and 'DISTRIBUTED ENERGY RESOURCES (DER)' with sub-links for Demand Response and Behind-the-Meter Net Generation. A 'MARKET ACCESS LOGIN' button is highlighted with a yellow box in the third column. Below the navigation and links, there is a large banner image of a modern building at night. Overlaid on the banner are four data cards: '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)). A 'LEARN MORE ABOUT US' button is also visible on the banner.

# Accessing OMS

## ■ NYISO Market Access Login



The screenshot shows the NYISO website's Market Access Login page. The page features a navigation bar with links for About Us, Grid of the Future, Careers, Calendar, Support, and Login. Below the navigation bar, there are dropdown menus for MARKETS, LIBRARY, PLANNING, COMMITTEES, and TRAINING. The main content area is titled "MARKET ACCESS LOGIN" and includes a "Sandbox Access Login" button. A "Contact Customer Support" button with the email stakeholder\_services@nyiso.com is also present. The page is organized into several columns: Markets (with links to Real-Time Dashboard, System Conditions, Energy Market & Operational Data, Installed Capacity Market (ICAP), Transmission Congestion Contracts (TCC), Distributed Energy Resources (DER), and Market Access Login), Marketplace Bidding & Scheduling (with links to Marketplace login, Marketplace Upload/Download, Self-Service Account Management (SSAM), and Market Participant User Guide (MPUG)), Joint Energy Scheduling System (JESS) (with links to JESS User Login and JESS Upload/Download), TCC Automated Market (with links to User Login, TCC Upload/Download, and TCC User Documents), Decision Support System (DSS) (with links to User Login and Account Request), and Outage Schedule (OMS) (with links to User Login and Outage Schedule User's Guide). A "Please Note" section states that a valid NAESB or NYISO Digital Certificate is required for all Market Access and Sandbox links. The "User Login" link under the OMS section is highlighted with a yellow box.



# Accessing OMS

## ■ OMS User Login

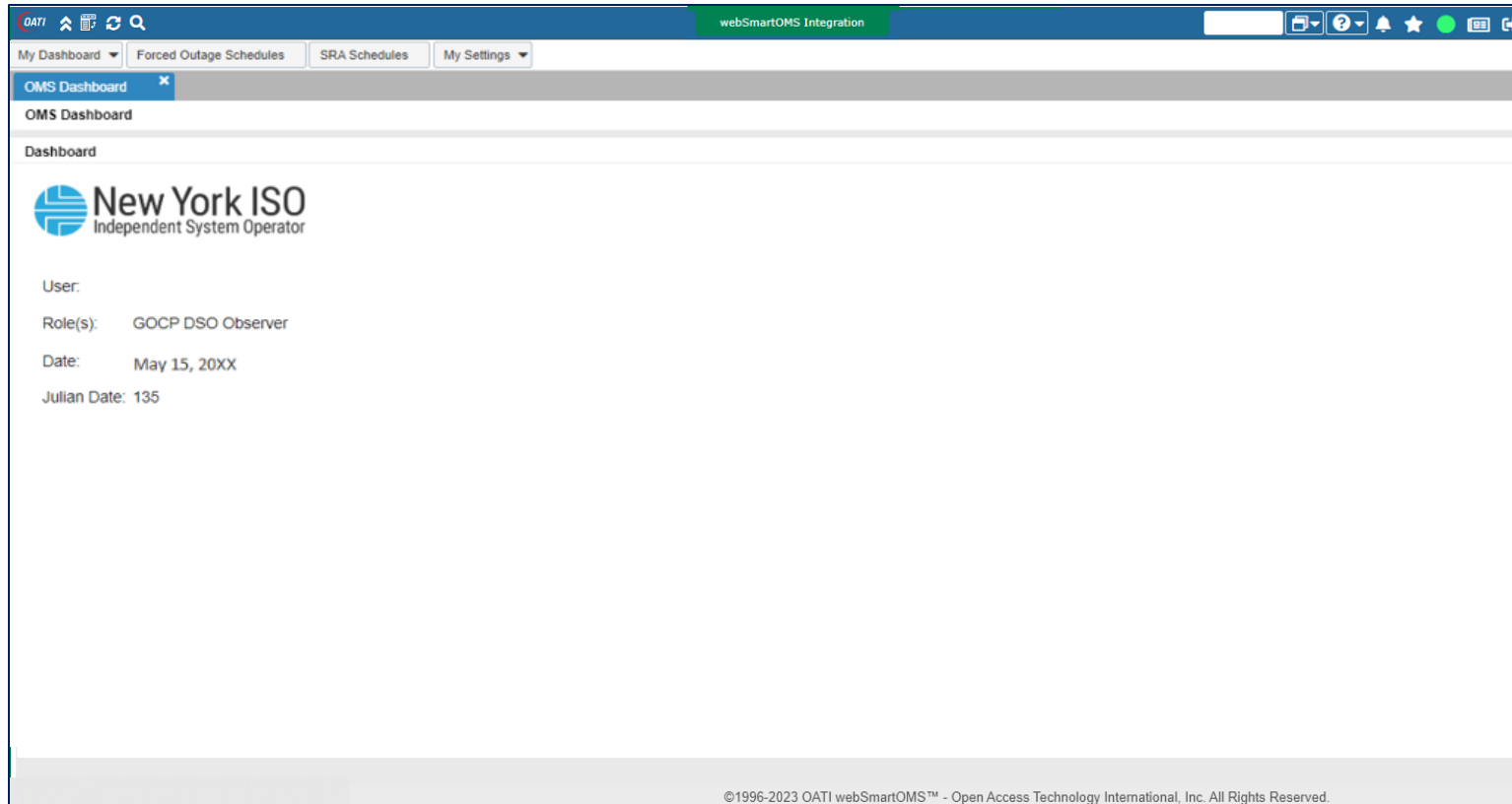
- Enter MIS Username and Password
  - Password is case sensitive

Once Username and Password have been entered, click 'Logon'



The screenshot shows a web-based 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". Below the "Password" field is a button labeled "Logon".

# GOCP Dashboard (DSO)



OATI


webSmartOMS Integration

My Dashboard Forced Outage Schedules SRA Schedules My Settings

OMS Dashboard

OMS Dashboard

Dashboard

 **New York ISO**  
Independent System Operator

User:

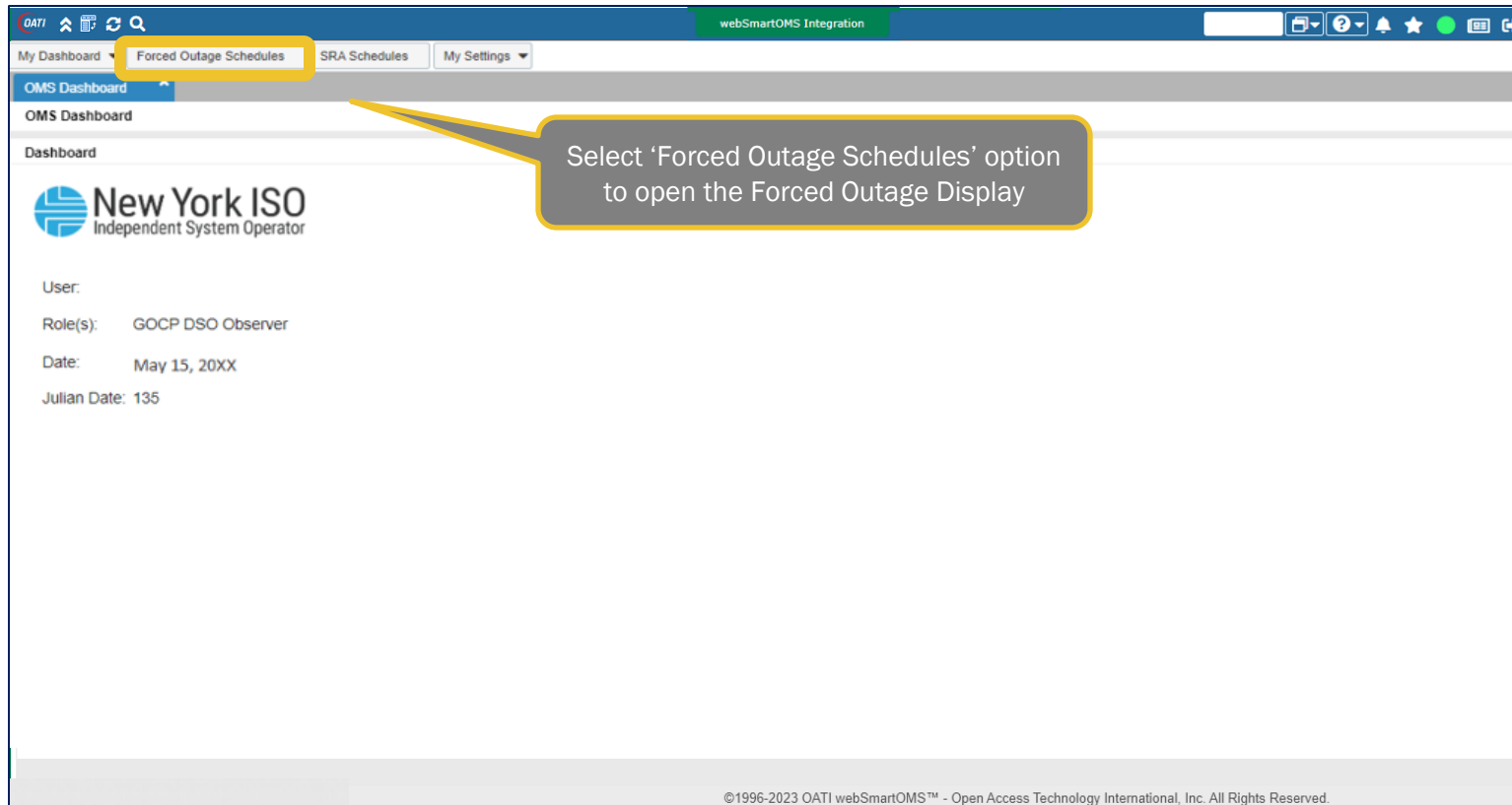
Role(s): GOCP DSO Observer

Date: May 15, 20XX

Julian Date: 135

©1996-2023 OATI webSmartOMS™ - Open Access Technology International, Inc. All Rights Reserved.

# GOCP Dashboard (DSO)



OATl


webSmartOMS Integration

My Dashboard Forced Outage Schedules SRA Schedules My Settings

OMS Dashboard

OMS Dashboard

Dashboard

 **New York ISO**  
Independent System Operator

User:

Role(s): GOCP DSO Observer

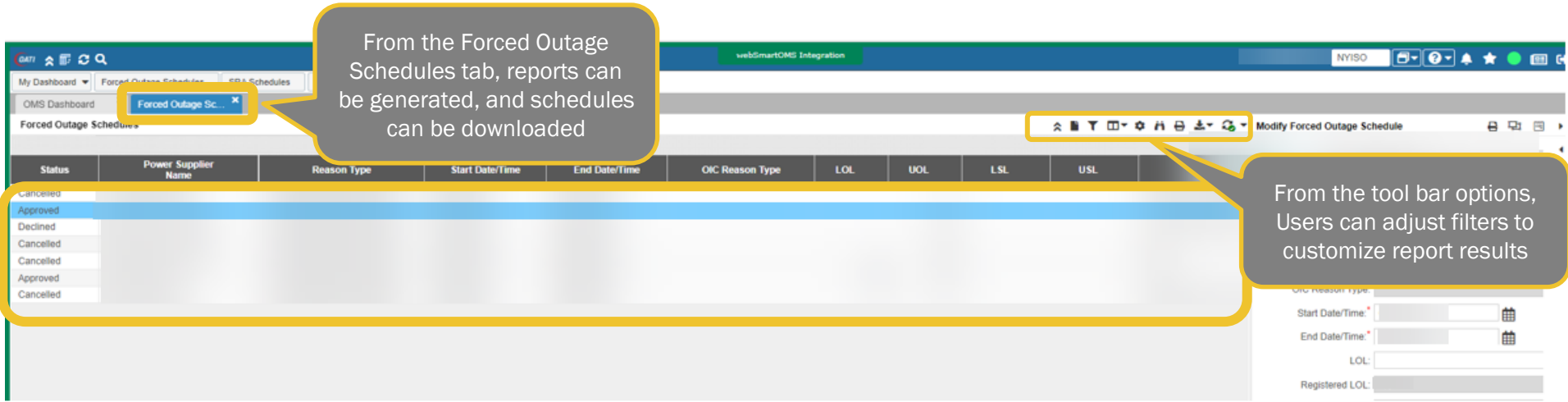
Date: May 15, 20XX

Julian Date: 135

Select 'Forced Outage Schedules' option to open the Forced Outage Display

©1996-2023 OATl webSmartOMS™ - Open Access Technology International, Inc. All Rights Reserved.

# Viewing Outage Schedule Requests



From the Forced Outage Schedules tab, reports can be generated, and schedules can be downloaded

From the tool bar options, Users can adjust filters to customize report results

Status	Power Supplier Name	Reason Type	Start Date/Time	End Date/Time	OIC Reason Type	LOL	UOL	LSL	USL
Cancelled									
Approved									
Declined									
Cancelled									
Cancelled									
Approved									
Cancelled									

Modify Forced Outage Schedule

OIC Reason Type:

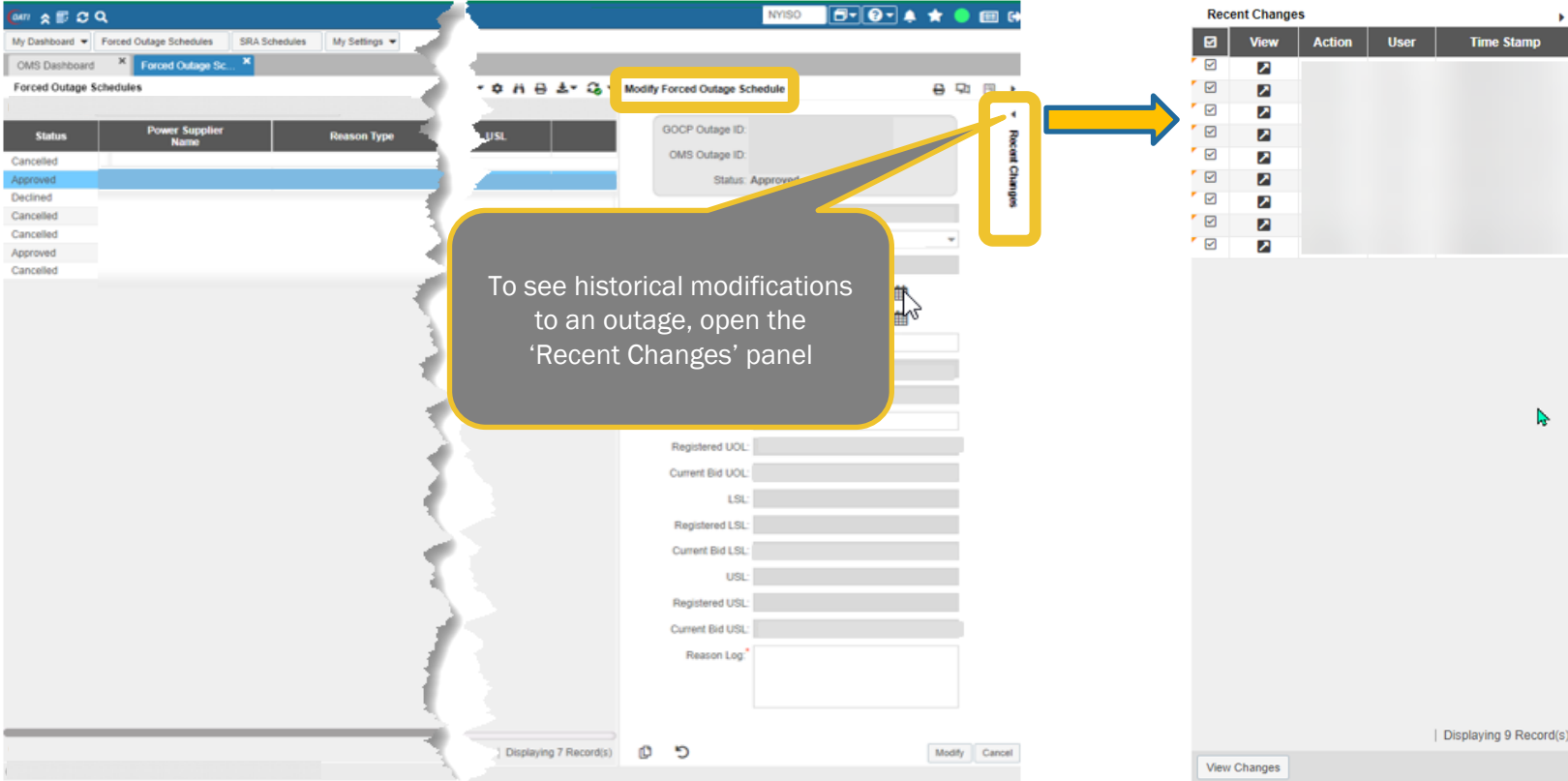
Start Date/Time:

End Date/Time:

LOL:

Registered LOL:

# Viewing Recent Outage Request Changes New York ISO



The image shows a composite screenshot of the NYISO OMS system. On the left, a 'Forced Outage Schedules' table is visible with columns for Status, Power Supplier Name, and Reason Type. The 'Status' column contains entries like 'Cancelled', 'Approved', 'Declined', and 'Approved'. A yellow callout box points to the 'Recent Changes' panel on the right, which displays a table of modifications. A yellow arrow points from the 'Recent Changes' button in the 'Modify Forced Outage Schedule' form to the 'Recent Changes' panel.

**Modify Forced Outage Schedule**

GOCP Outage ID:  
OMS Outage ID:  
Status: Approved

**Recent Changes**

<input checked="" type="checkbox"/>	View	Action	User	Time Stamp
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				

Registered UOL:  
Current Bid UOL:  
LSL:  
Registered LSL:  
Current Bid LSL:  
USL:  
Registered USL:  
Current Bid USL:  
Reason Log

Displaying 7 Record(s) | Modify | Cancel

Recent Changes

Displaying 9 Record(s)

View Changes

To see historical modifications to an outage, open the 'Recent Changes' panel

# Recent Changes Panel for Outage Requests

**Recent Changes**

<input checked="" type="checkbox"/>	View	Action	User	Time Stamp
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				

Displaying 9 Record(s)

**View Changes**

Select the record you would like see changes for, from the 'Recent Changes' panel

Select 'View Changes' to launch the Audit Trail Viewer Form

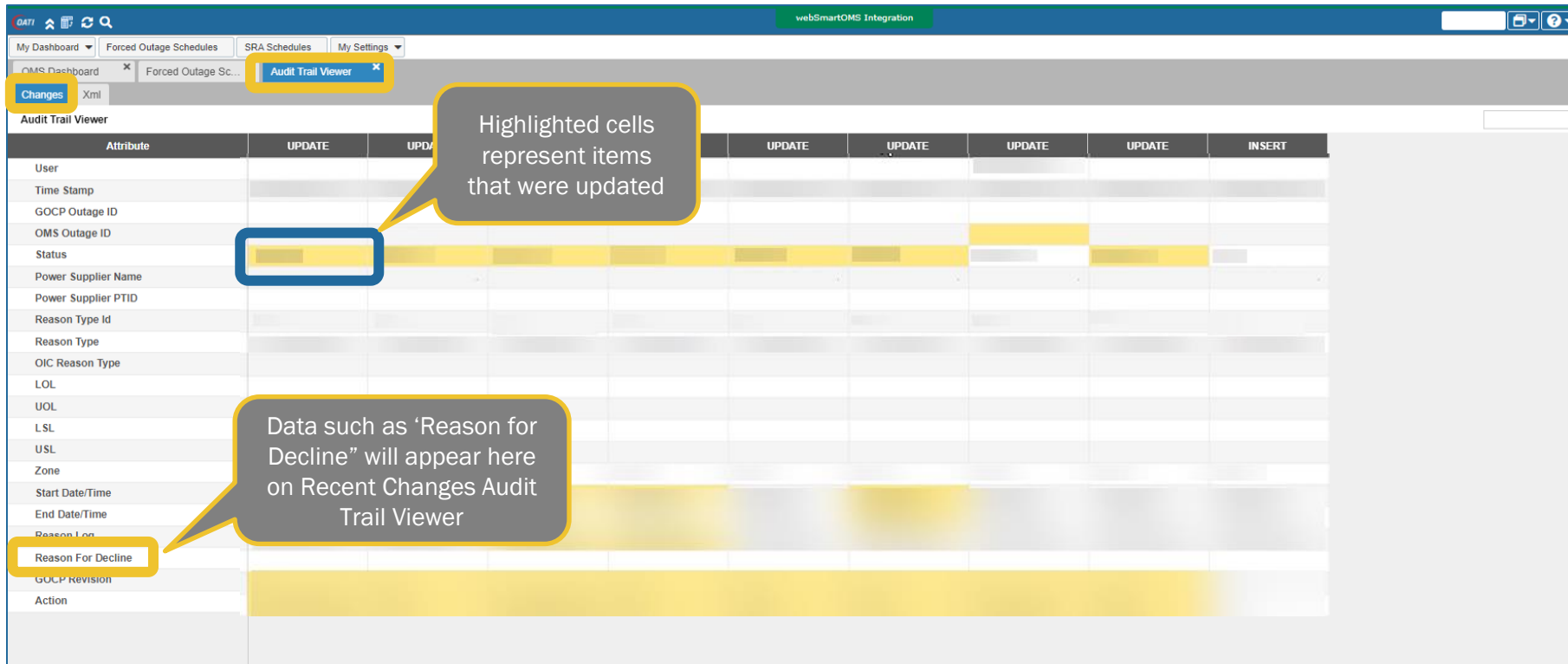
My Dashboard | Forced Outage Schedules | **Audit Trail Viewer**

Changes: Xmt

**Audit Trail Viewer**

Attribute	UPDATE	UPDATE	UPDATE	UPDATE	UPDATE	UPDATE	UPDATE	UPDATE	INSERT
User									
Time Stamp									
GOCP Outage ID									
OMS Outage ID									
Status									
Power Supplier Name									
Power Supplier PTID									
Reason Type Id									
Reason Type									
OIC Reason Type									
LOL									
UOL									
LSL									
USL									
Zone									
Start Date/Time									
End Date/Time									
Reason Log									
Reason For Decline									
GOCP Revision									
Action									

# Audit Trail Viewer Form for Outage Requests



Changes

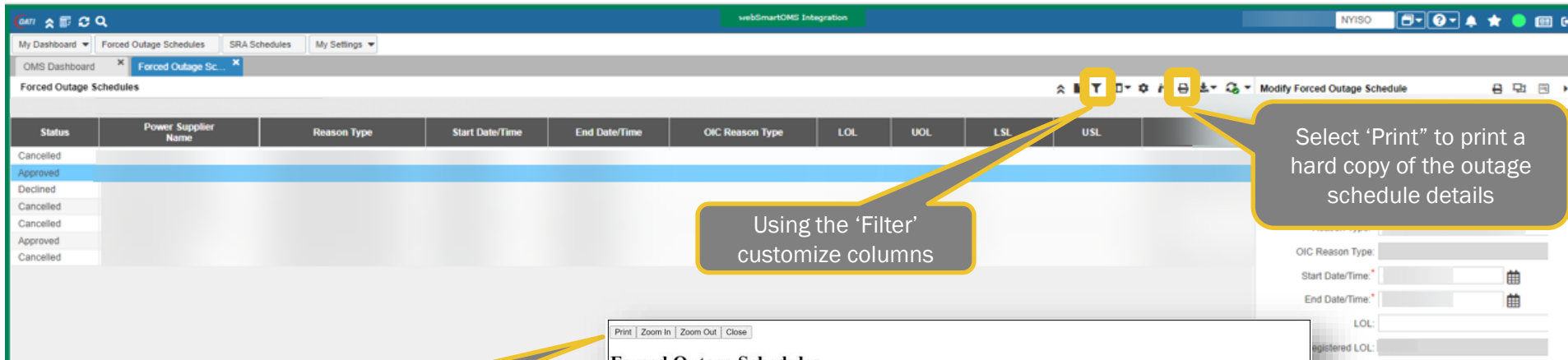
Audit Trail Viewer

Attribute	UPDATE	UPDATE	UPDATE	UPDATE	UPDATE	INSERT
User						
Time Stamp						
GOCP Outage ID						
OMS Outage ID						
Status						
Power Supplier Name						
Power Supplier PTID						
Reason Type Id						
Reason Type						
OIC Reason Type						
LOL						
UOL						
LSL						
USL						
Zone						
Start Date/Time						
End Date/Time						
Reason Log						
Reason For Decline						
GOCP Revision						
Action						

Highlighted cells represent items that were updated

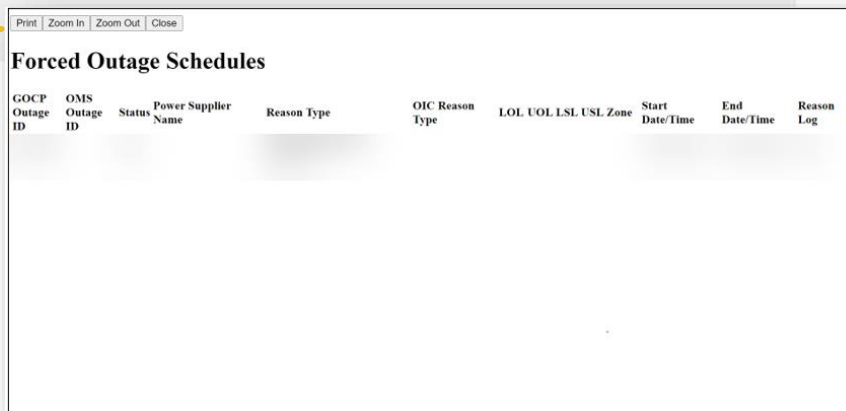
Data such as 'Reason for Decline' will appear here on Recent Changes Audit Trail Viewer

# Tool Bar Options for Outage Requests



Status	Power Supplier Name	Reason Type	Start Date/Time	End Date/Time	OIC Reason Type	LOL	UOL	LSL	USL
Cancelled									
Approved									
Declined									
Cancelled									
Cancelled									
Approved									
Cancelled									

Sample 'Print' view



Print | Zoom In | Zoom Out | Close

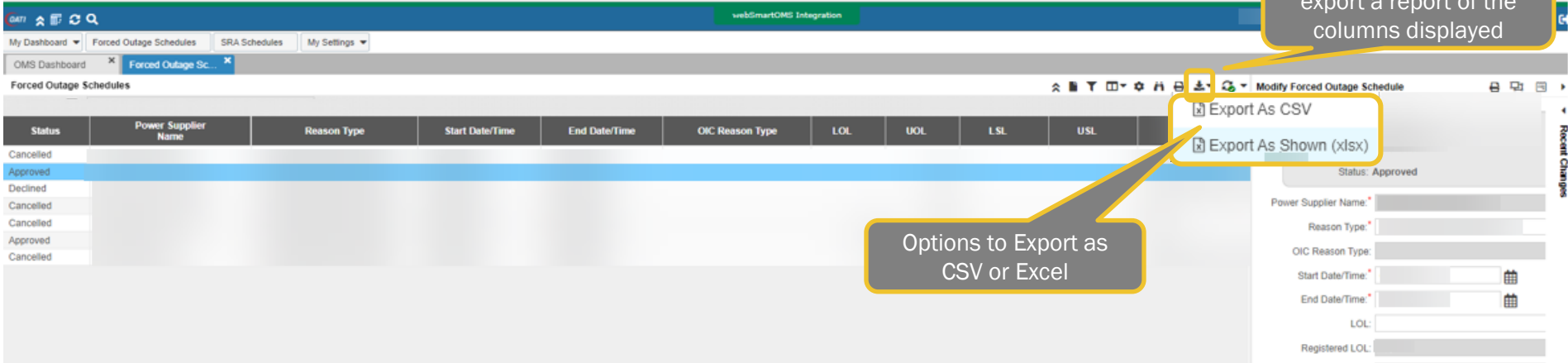
### Forced Outage Schedules

GOCF Outage ID	OMS Outage ID	Status	Power Supplier Name	Reason Type	OIC Reason Type	LOL	UOL	LSL	USL	Zone	Start Date/Time	End Date/Time	Reason Log
----------------	---------------	--------	---------------------	-------------	-----------------	-----	-----	-----	-----	------	-----------------	---------------	------------



# Exporting Outage Request Report Results

Select 'Download' to export a report of the columns displayed



webSmartOMS Integration

My Dashboard | Forced Outage Schedules | SRA Schedules | My Settings

OMS Dashboard | Forced Outage Sc...

Forced Outage Schedules

Status	Power Supplier Name	Reason Type	Start Date/Time	End Date/Time	OIC Reason Type	LOL	UOL	LSL	USL
Cancelled									
Approved									
Declined									
Cancelled									
Cancelled									
Approved									
Cancelled									

Modify Forced Outage Schedule

- Export As CSV
- Export As Shown (xlsx)

Status: Approved

Power Supplier Name: \*

Reason Type: \*

OIC Reason Type: \*

Start Date/Time: \*

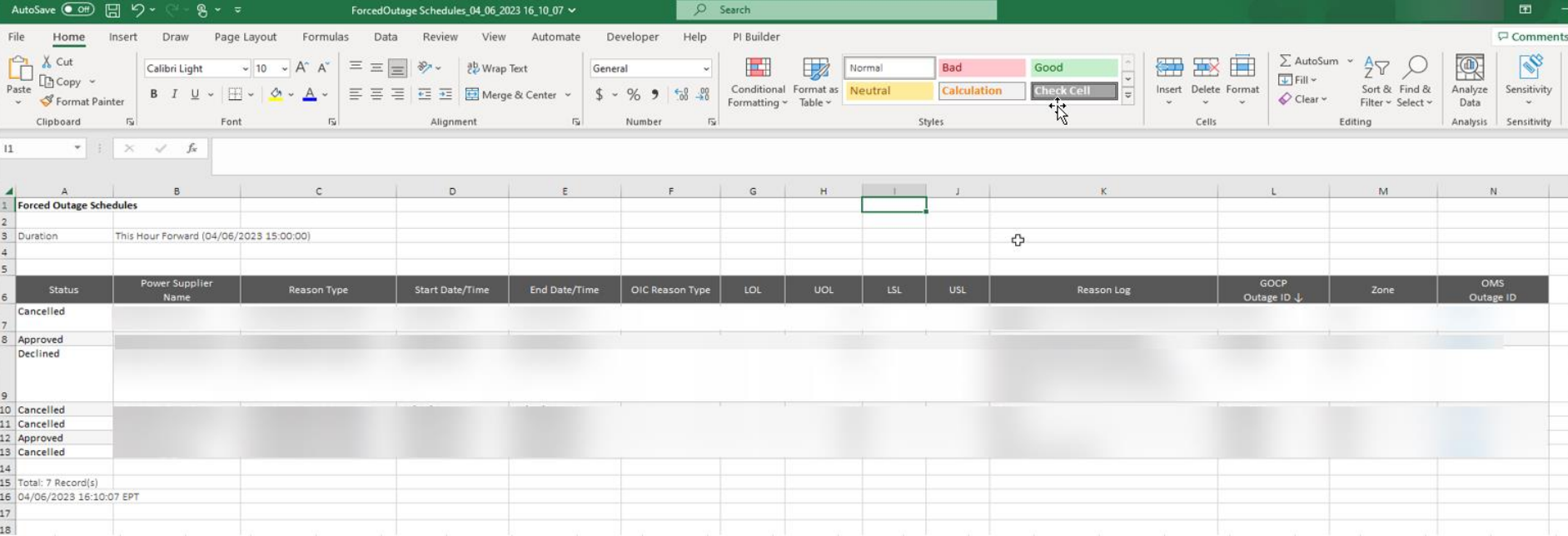
End Date/Time: \*

LOL: \*

Registered LOL: \*

Options to Export as CSV or Excel

# Sample View - Outage Request Exported Report

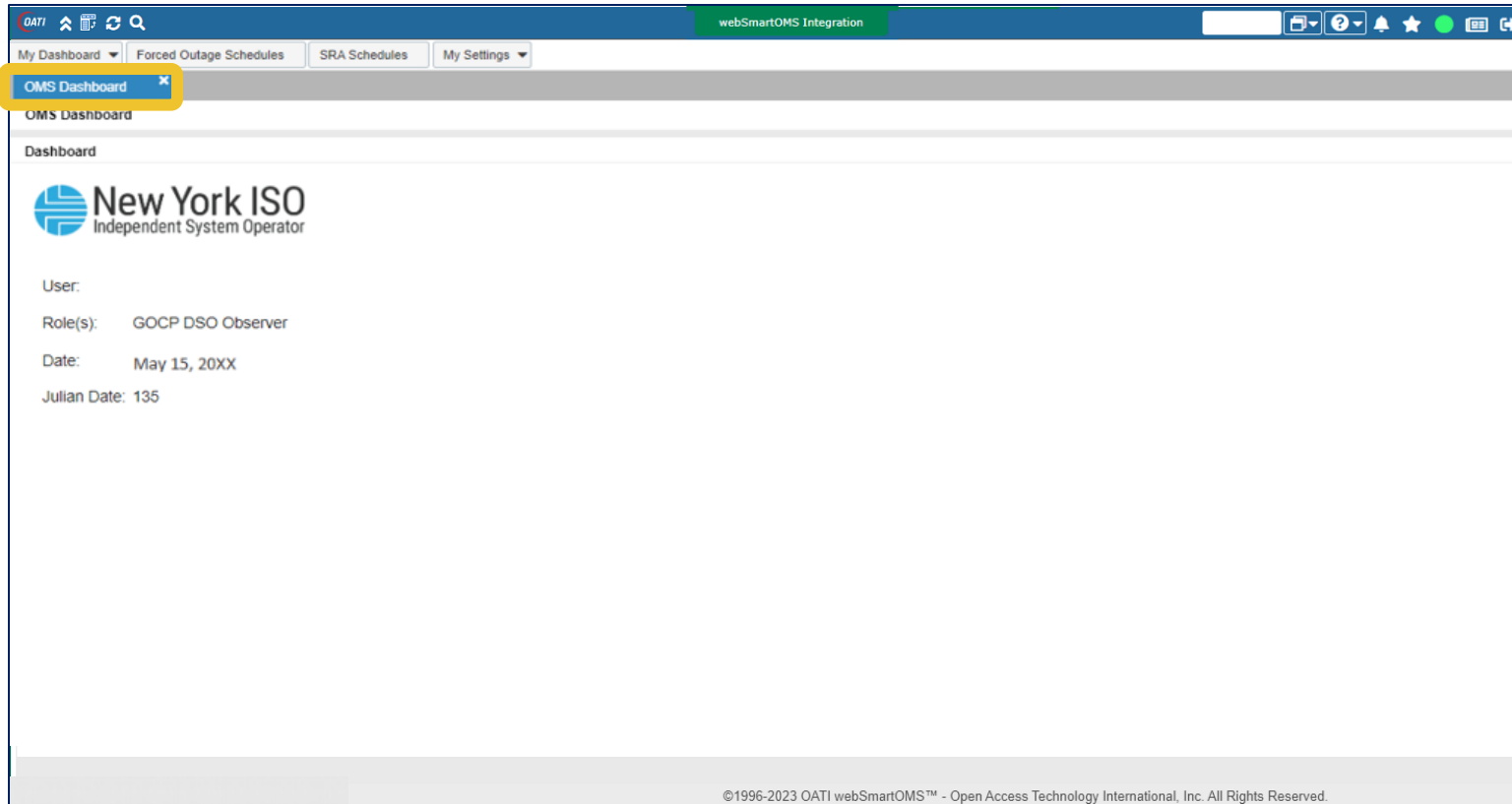


The screenshot shows the Microsoft Excel interface with the following elements:

- File Name:** ForcedOutage Schedules\_04\_06\_2023 16\_10\_07
- Home Tab:** Includes options for Font (Calibri Light, size 10), Paragraph (Wrap Text, Merge & Center), Styles (Normal, Bad, Good, Neutral, Calculation, Check Cell), Cells (Insert, Delete, Format), Editing (AutoSum, Fill, Clear, Sort & Filter, Find & Select), Analysis (Analyze Data, Sensitivity), and Comments.
- Worksheet:** Contains a table with the following data:

Status	Power Supplier Name	Reason Type	Start Date/Time	End Date/Time	OIC Reason Type	LOL	UOL	LSL	USL	Reason Log	GOCP Outage ID ↓	Zone	OIMS Outage ID
Cancelled													
Approved													
Declined													
Cancelled													
Cancelled													
Approved													
Cancelled													
Total: 7 Record(s)													
04/06/2023 16:10:07 EPT													

# GOCP Dashboard (DSO)



OATI


webSmartOMS Integration

My Dashboard Forced Outage Schedules SRA Schedules My Settings

OMS Dashboard

OMS Dashboard

Dashboard

 **New York ISO**  
Independent System Operator

User:

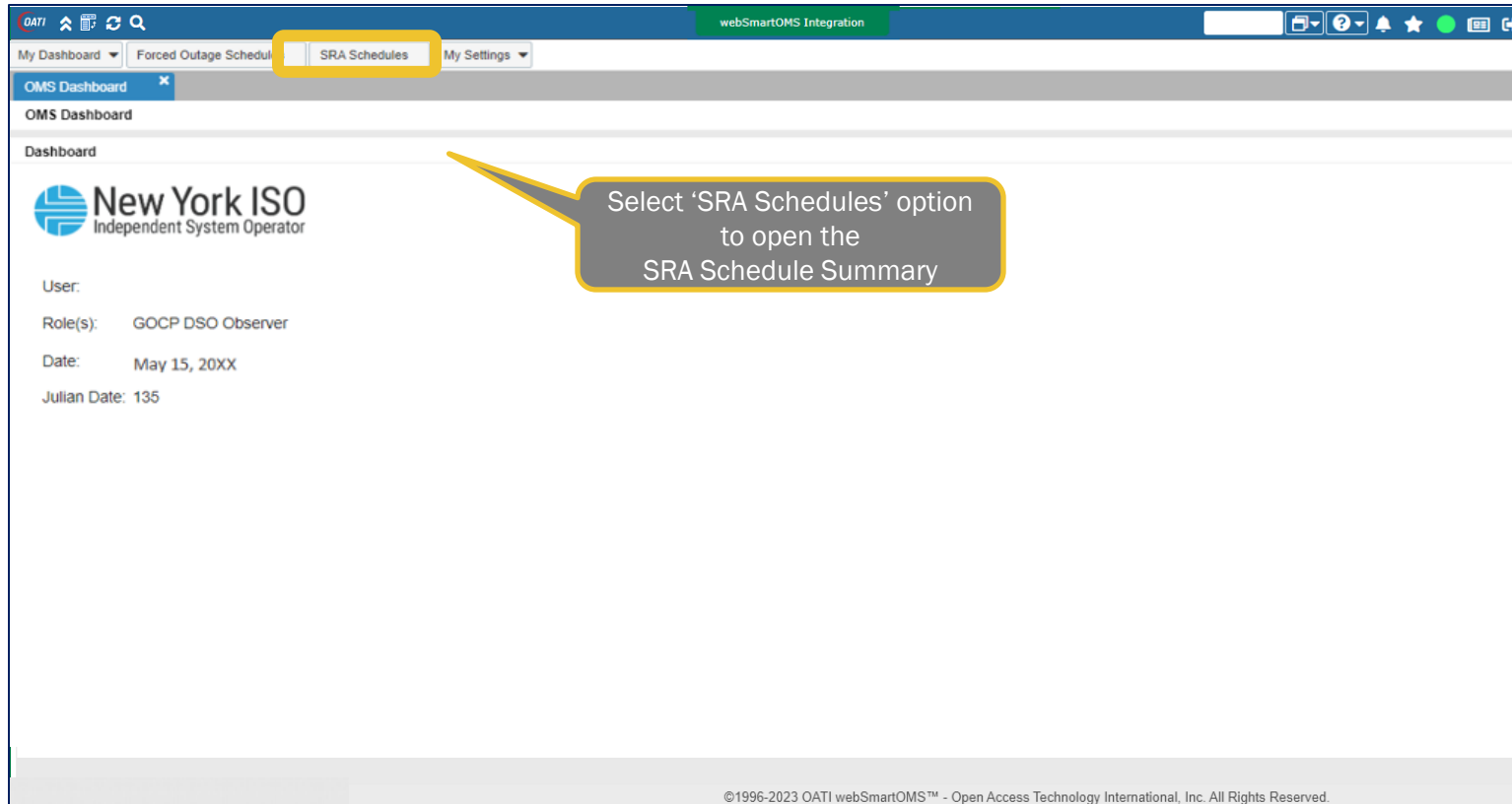
Role(s): GOCP DSO Observer

Date: May 15, 20XX

Julian Date: 135

©1996-2023 OATI webSmartOMS™ - Open Access Technology International, Inc. All Rights Reserved.

# GOCP Dashboard (DSO)




webSmartOMS Integration

My Dashboard Forced Outage Schedules **SRA Schedules** My Settings

OATS Dashboard

OATS Dashboard

Dashboard

 **New York ISO**  
Independent System Operator

User:

Role(s): GOCP DSO Observer

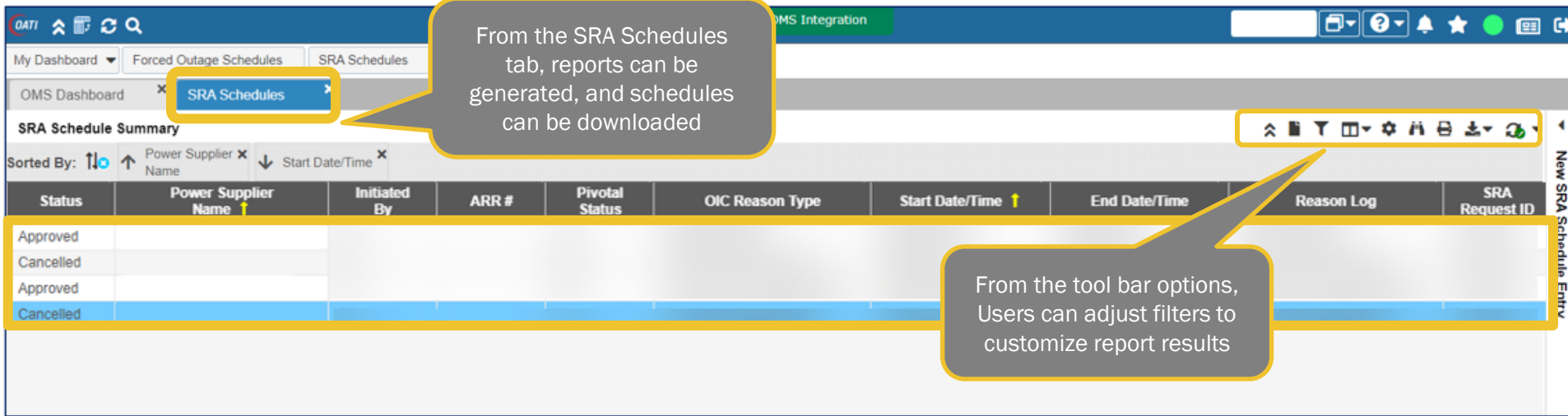
Date: May 15, 20XX

Julian Date: 135

Select 'SRA Schedules' option to open the SRA Schedule Summary

©1996-2023 OATI webSmartOMS™ - Open Access Technology International, Inc. All Rights Reserved.





# Viewing SRA Requests





From the SRA Schedules tab, reports can be generated, and schedules can be downloaded

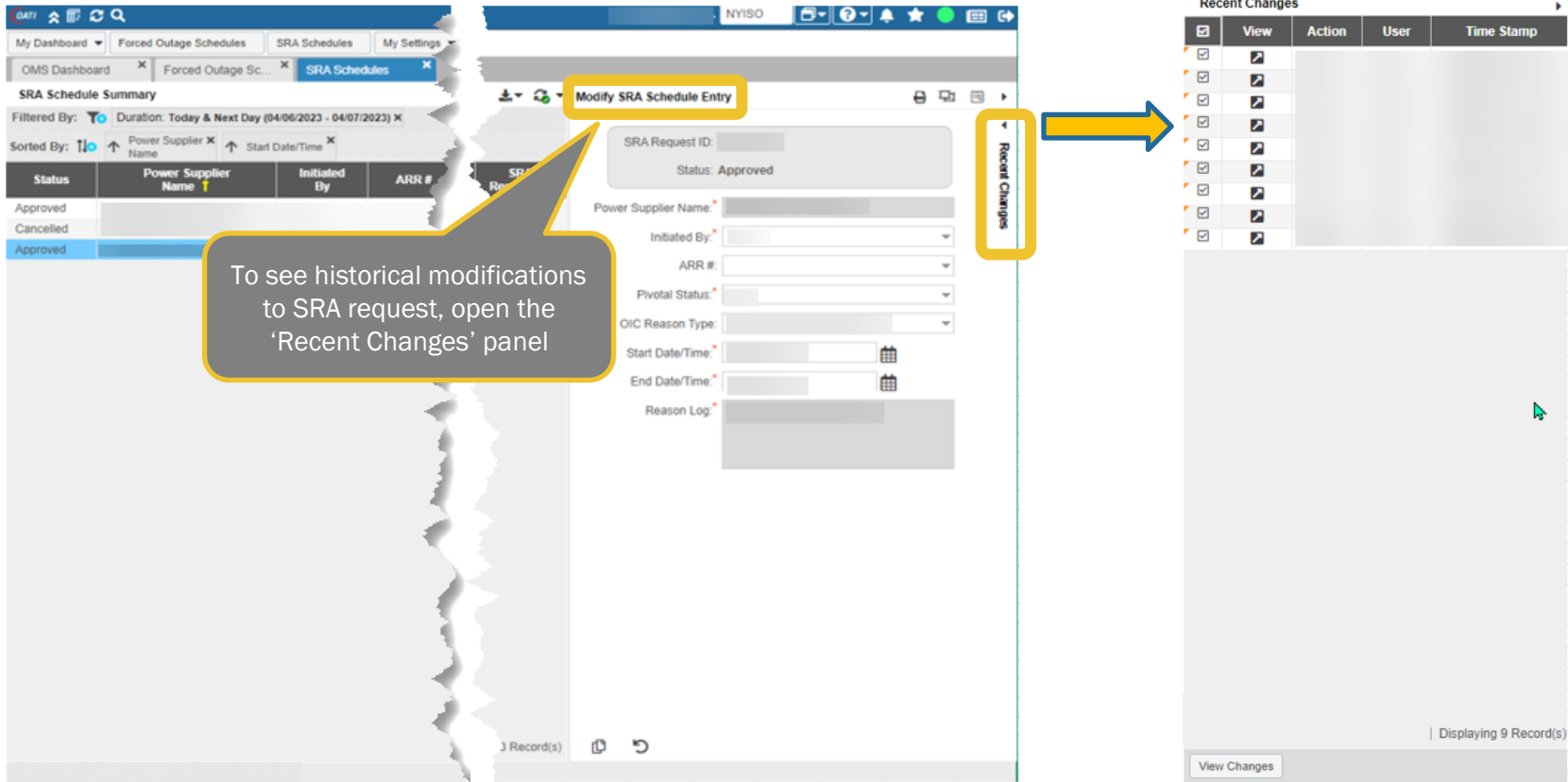
From the tool bar options, Users can adjust filters to customize report results

**SRA Schedule Summary**

Sorted By:   Power Supplier Name  Start Date/Time 

Status	Power Supplier Name 	Initiated By	ARR #	Pivotal Status	OIC Reason Type	Start Date/Time 	End Date/Time	Reason Log	SRA Request ID
Approved									
Cancelled									
Approved									
Cancelled									

# Viewing Recent SRA Request Changes



The screenshot displays the NYISO SRA Schedules interface. On the left, a table lists SRA requests with columns for Status, Power Supplier Name, Initiated By, and ARR #. The 'Approved' status is selected. A yellow callout box points to the 'Recent Changes' panel on the right, which is titled 'Recent Changes' and contains a table with columns for View, Action, User, and Time Stamp. A yellow arrow points from the 'Recent Changes' panel in the main interface to the detailed view on the right. A yellow callout box points to the 'Modify SRA Schedule Entry' button in the main interface.

**Modify SRA Schedule Entry**

To see historical modifications to SRA request, open the 'Recent Changes' panel

Status	Power Supplier Name	Initiated By	ARR #
Approved			
Cancelled			
Approved			

View	Action	User	Time Stamp
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

3 Record(s)

Recent Changes

View Changes

Displaying 9 Record(s)

# Recent Changes Panel for SRA Request

Recent Changes

<input checked="" type="checkbox"/>	View	Action	User	Time Stamp
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				
<input checked="" type="checkbox"/>				

Displaying 9 Record(s)

[View Changes](#)

Select the record you would like see changes for, from the 'Recent Changes' panel

Select 'View Changes' to launch the Audit Trail Viewer Form

Audit Trail Viewer

Attribute	UPDATE	UPDATE	INSERT
User			
Time Stamp			
Status			
Power Supplier Name			
Initiated By			
ARR Number			
Pivotal Status			
OIC Reason Type			
Start Date/Time			
End Date/Time			
Reason Log			
SRA Request ID			
Revision			
Action			

# Audit Trail Viewer Form for SRA Request

The screenshot shows a web application interface for the Audit Trail Viewer. At the top, there is a navigation bar with 'webSmartOMS Integration' and 'NYISO'. Below this is a breadcrumb trail: 'My Dashboard > Forced Outage Schedules > SRA Schedules > My Settings'. The main content area has a tabbed interface with 'Audit Trail Viewer' selected. A 'Changes' button is visible on the left. The table below has columns for 'Attribute', 'UPDATE', 'UPDATE', and 'INSERT'. The 'Status' row has yellow highlights in the first two 'UPDATE' columns, with a blue box around the second one. A callout box points to this cell with the text: 'Highlighted cells represent items that were updated'. Other rows like 'Start Date/Time' and 'Revision' also show yellow highlights in the 'UPDATE' columns.

Attribute	UPDATE	UPDATE	INSERT
User			
Time Stamp			
Status	Highlighted	Highlighted	
Power Supplier Name			
Initiated By			
ARR Number			
Pivotal Status			
OIC Reason Type			
Start Date/Time		Highlighted	
End Date/Time			
Reason Log			
SRA Request ID			
Revision	Highlighted	Highlighted	
Action	Highlighted	Highlighted	



# Tool Bar Options for SRA Requests

Using the 'Filter' customize columns

Select 'Print' to print a hard copy of the SRA schedule details

Sample 'Print' view

Status	Power Supplier Name ↑	Initiated By	ARR #	Pivotal Status	OIC Reason Type	Start Date/Time ↑	End Date/Time	Reason Log	SRA Request ID
Approved									
Cancelled									
Approved									
Cancelled									

New SRA Schedule Entry

# Exporting SRA Request Report Results

The screenshot shows the 'SRA Schedules' page in the webSmartOMS system. The page includes a navigation bar with 'My Dashboard', 'Forced Outage Schedules', 'SRA Schedules', and 'My Settings'. Below this is a breadcrumb trail: 'OMS Dashboard > SRA Schedules'. The main content area is titled 'SRA Schedule Summary' and features a table with columns: Status, Power Supplier Name, Initiated By, ARR #, Pivotal Status, OIC Reason Type, Start Date/Time, End Date/Time, and Reason. The table contains four rows: 'Approved', 'Cancelled', 'Approved', and 'Cancelled'. The 'Cancelled' row at the bottom is highlighted in blue. A toolbar above the table includes a 'Download' icon (a downward arrow) and a 'Refresh' icon. A callout box points to the 'Download' icon with the text 'Select 'Download' to export a report of the columns displayed'. Another callout box points to the 'Download' icon with the text 'Options to Export as CSV or Excel'. A third callout box points to the dropdown menu that appears after clicking 'Download', showing 'Export As CSV' and 'Export As Shown (xlsx)' options.

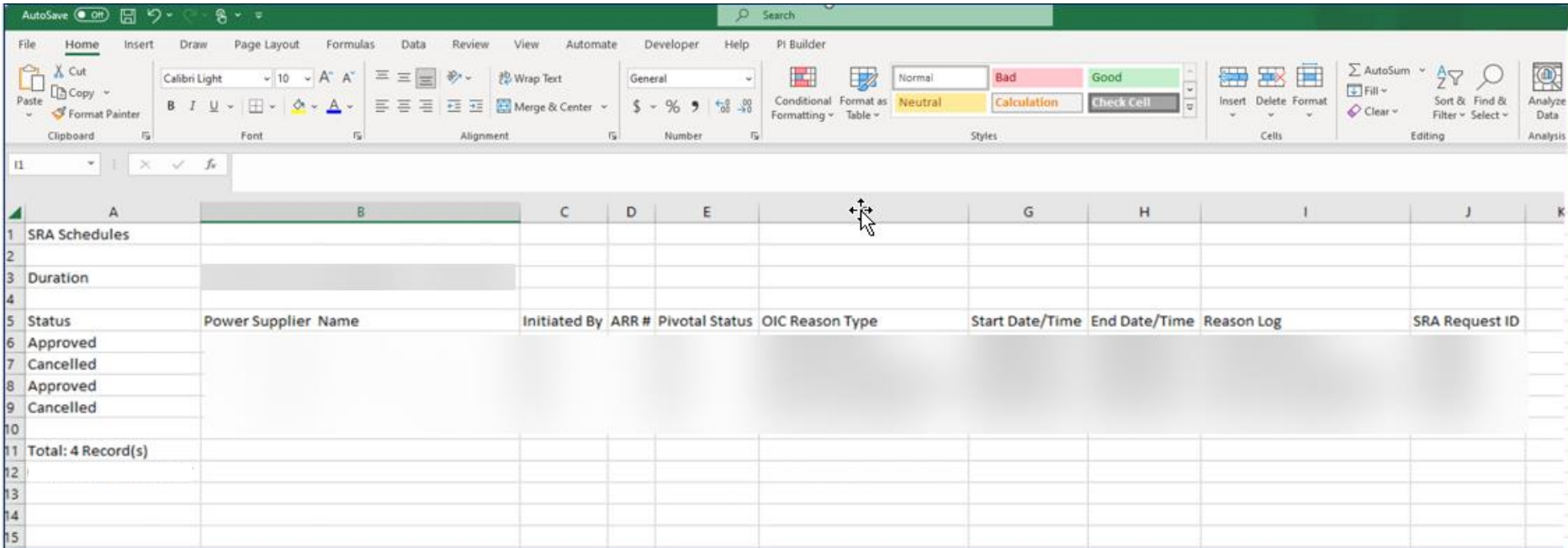
Options to Export as CSV or Excel

Select 'Download' to export a report of the columns displayed

Export As CSV  
Export As Shown (xlsx)

Status	Power Supplier Name	Initiated By	ARR #	Pivotal Status	OIC Reason Type	Start Date/Time	End Date/Time	Reason
Approved								
Cancelled								
Approved								
Cancelled								

# Sample View – SRA Request Exported Report New York ISO



	A	B	C	D	E	F	G	H	I	J	K
1	SRA Schedules										
2											
3	Duration										
4											
5	Status	Power Supplier Name	Initiated By	ARR #	Pivotal Status	OIC Reason Type	Start Date/Time	End Date/Time	Reason Log	SRA Request ID	
6	Approved										
7	Cancelled										
8	Approved										
9	Cancelled										
10											
11	Total: 4 Record(s)										
12											
13											
14											
15											

# Additional Resources

# NYISO Supporting Documentation

- **Grid Operations Coordination Portal Users Guide**
- **Outage Scheduler User's Guide**
- **Aggregation Manual**
- **Market Participant User's Guide**
- **NAESB Digital Certificate Tutorial**



# Questions?

For any future assistance, please contact NYISO Stakeholder Services at [stakeholder\\_services@nyiso.com](mailto:stakeholder_services@nyiso.com) or by phone at (518) 356-6060