Grid Operations Coordination Portal (GOCP) for Transmission Owners

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Market Training
Q2 2023
eLearning

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Presentation Outline

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

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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 submit an outage request
- Demonstrator how to submit a Supplemental Resource Availability (SRA) request
- Demonstrate how to provide Distribution System Operator (DSO) access

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Project Purpose

Grid Operations Coordination Portal (GOCP)

GOCP allows for Aggregators and Transmission Owners to submit, modify, and review aggregation outage and Supplemental Resource Availability (SRA) requests.

Also, through this portal NYISO operators review, modify, and approve or decline those requests; in support of maintaining grid reliability.

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GOCP Walk-Through

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GOCP Walk-Through
User Requirements

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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

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OMS User Requirements

- Software Specifications

Product	Required
Operating System	64-bit
Browser	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

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OMS User Requirements

- Network Specifications

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

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Access

- **GOCP Users**
  - Aggregators
  - Transmission Owners (TO)
  - Distribution System Operator (DSO)
  - NYISO
- **Access**
  - Works within the Outage Management System (OMS)
  - MIS Username Required
  - MIS Privilege Required

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ACCESS

- **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*

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OMS User Requirements

New York ISO

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

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GOCP Walk-Through
Portal Navigation

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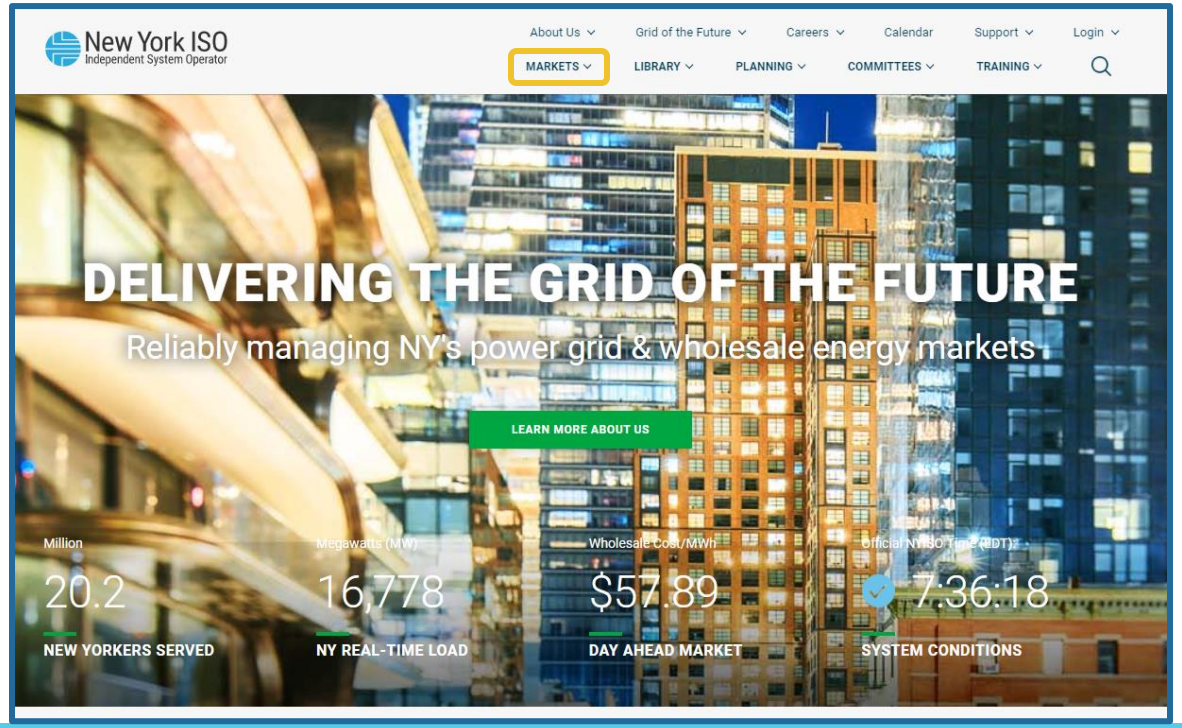
Accessing OMS

- NYISO Market Access Login



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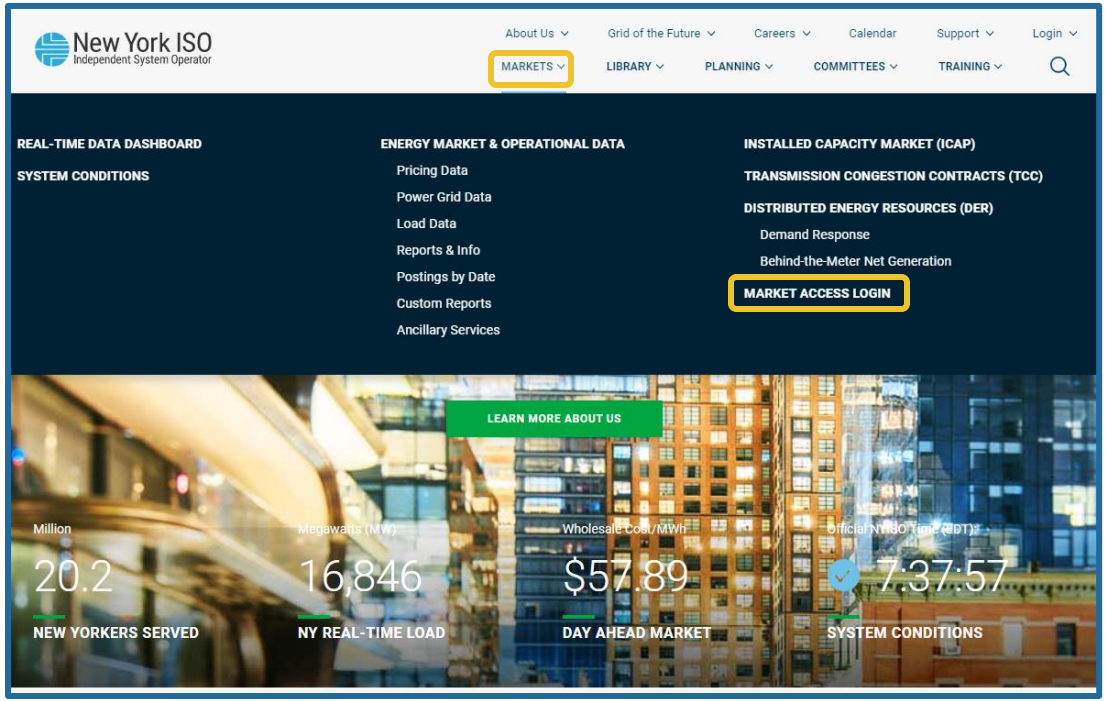
Accessing OMS

- NYISO Market Access Login



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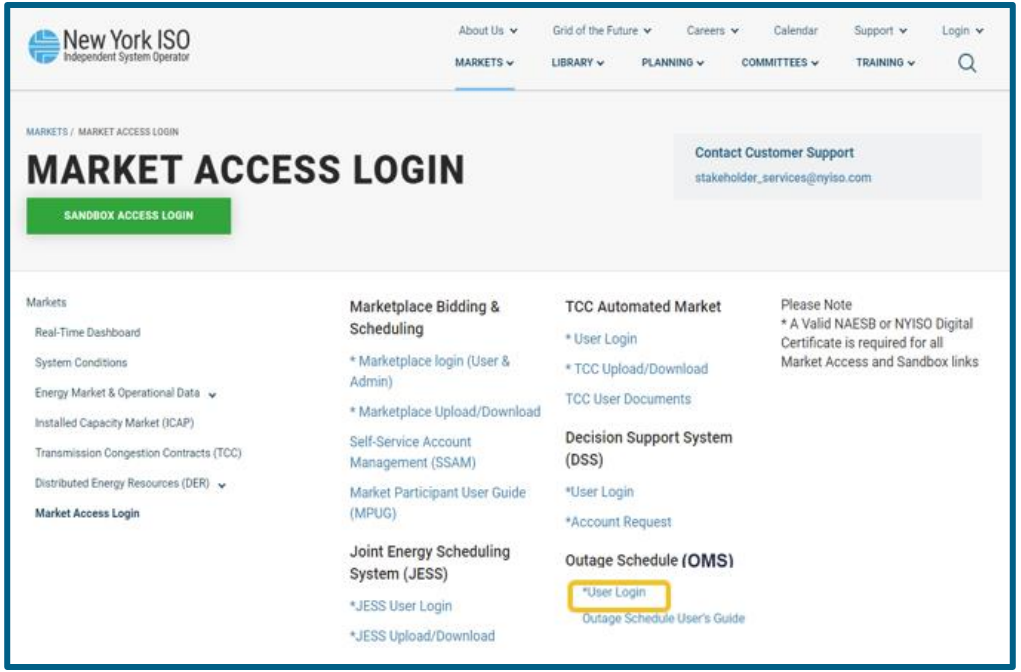
Accessing OMS

- NYISO Market Access Login



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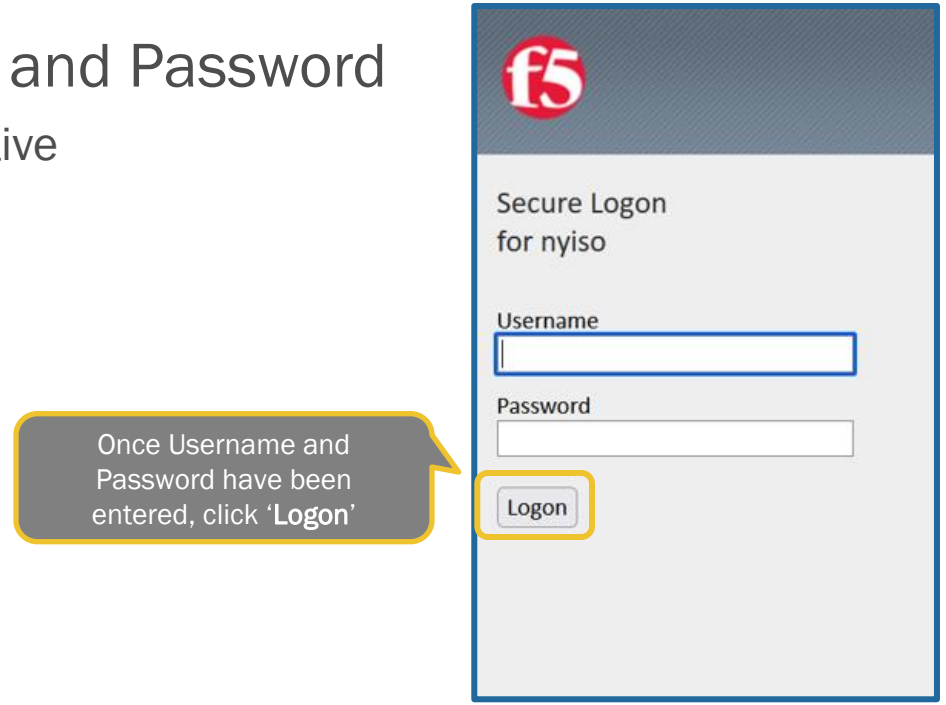
Accessing OMS

- **OMS User Login**
  - Enter MIS Username and Password
    - Password is case sensitive



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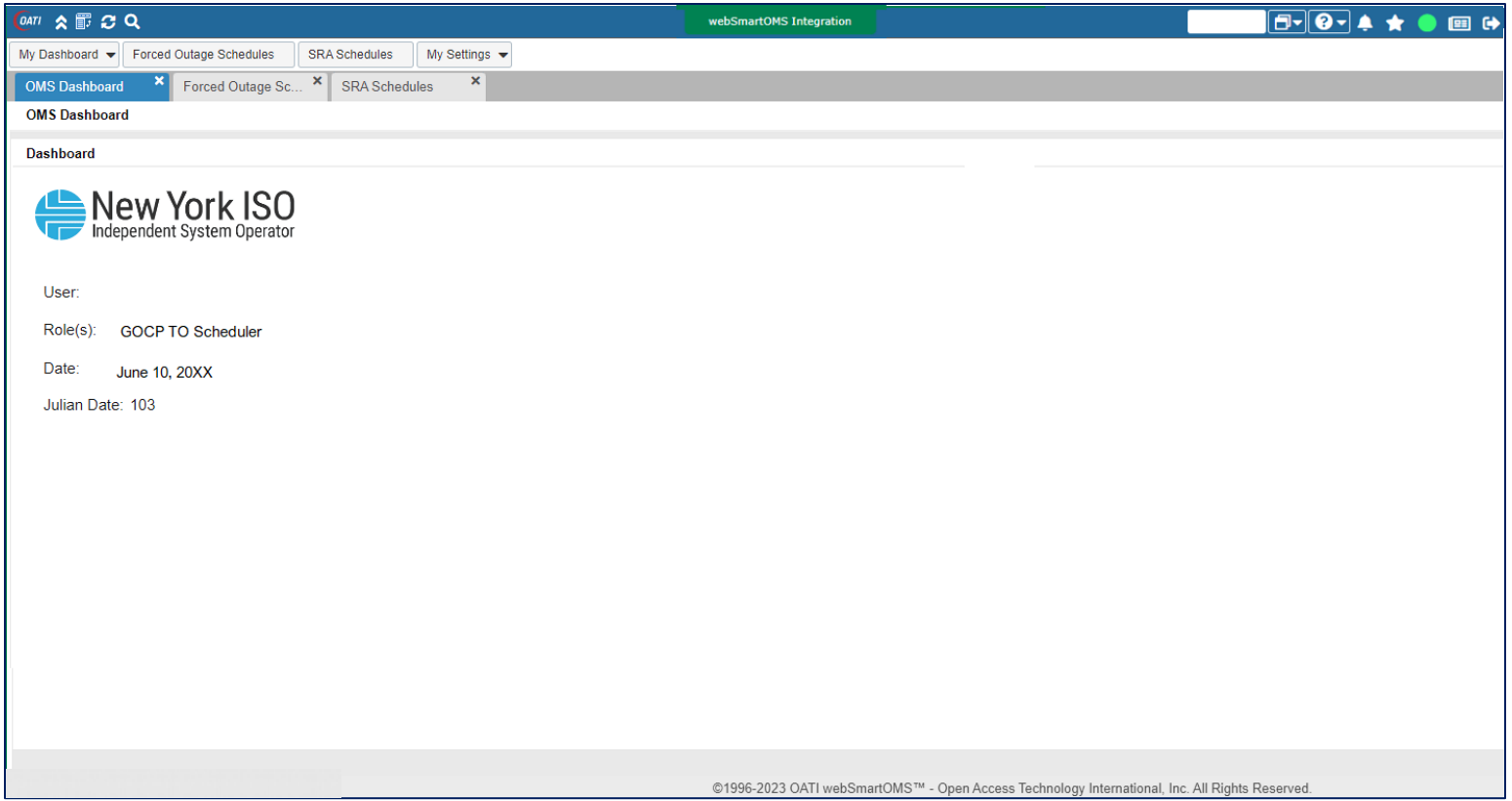
GOCP Dashboard (TO)



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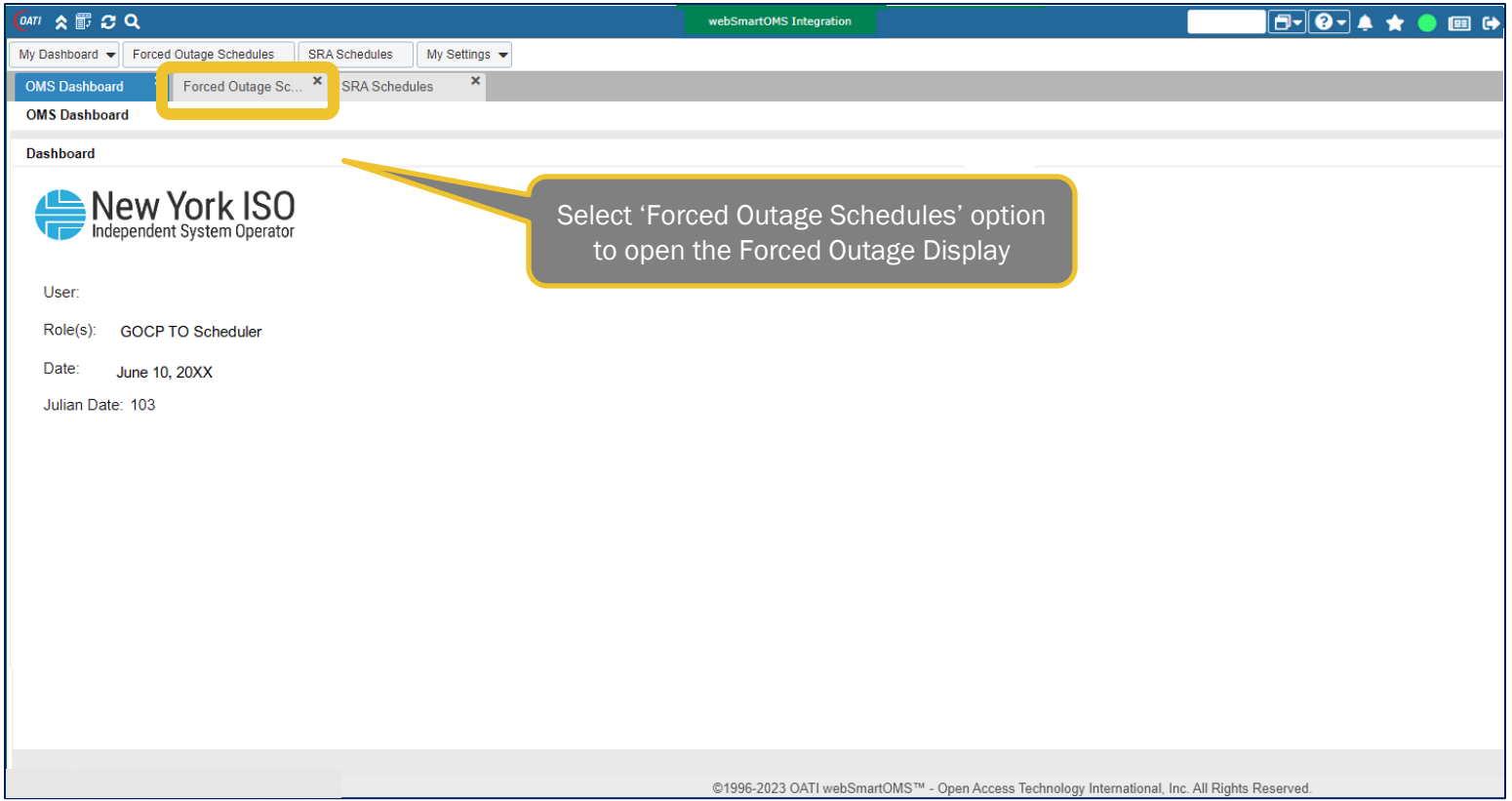
GOCP Dashboard (TO)



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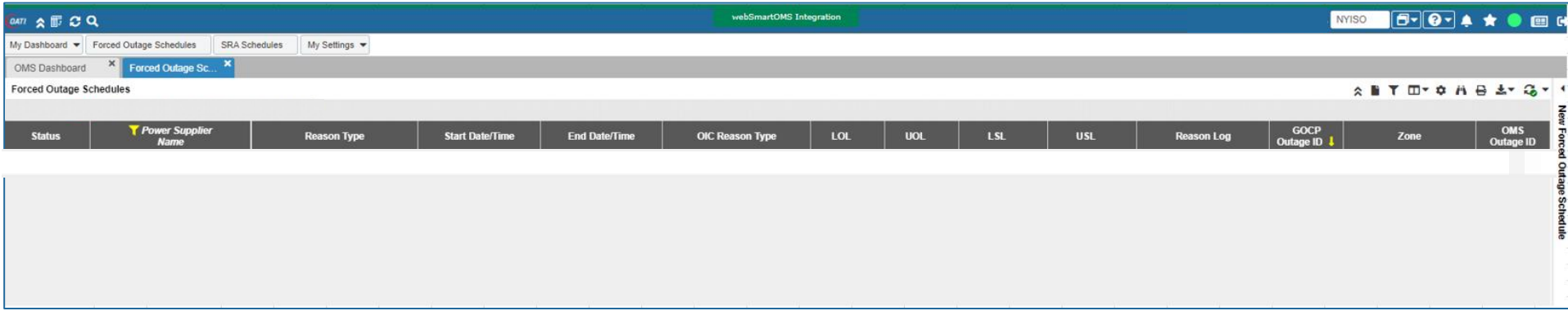
GOCP Forced Outage Schedules Display



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GOCP New Forced Outage Schedule Form

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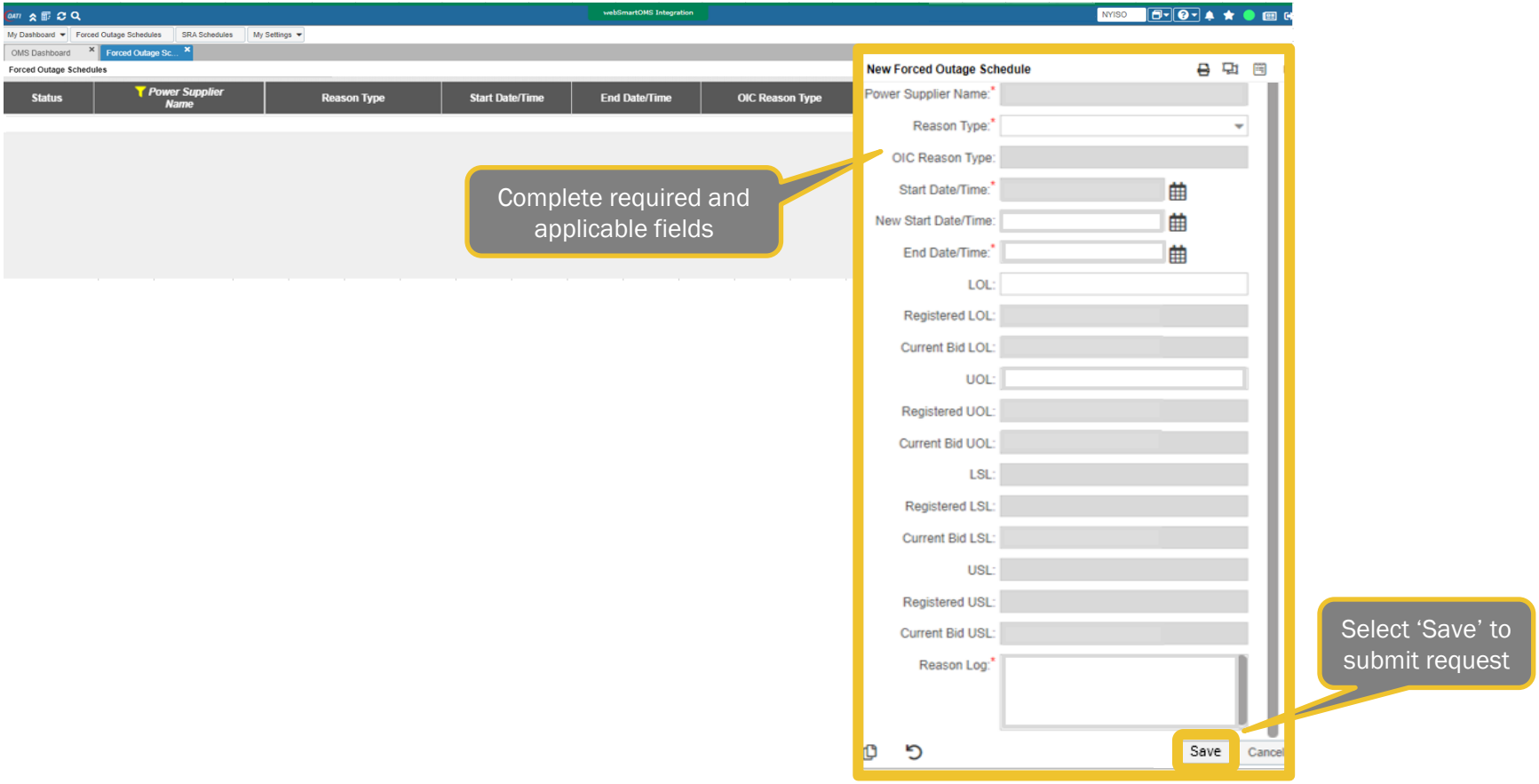
Entering a New Forced Outage Schedule



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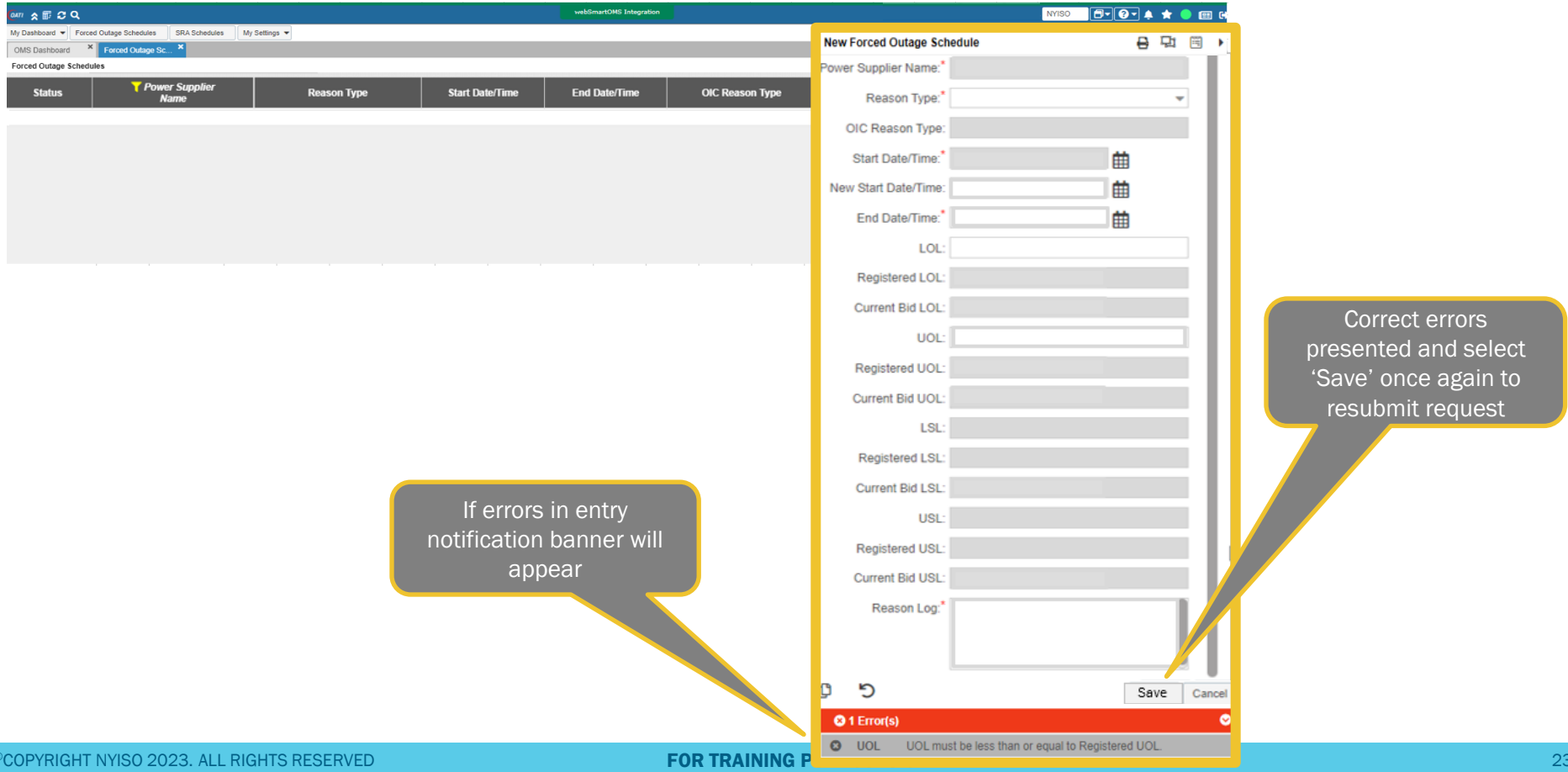
New Forced Outage Form Errors



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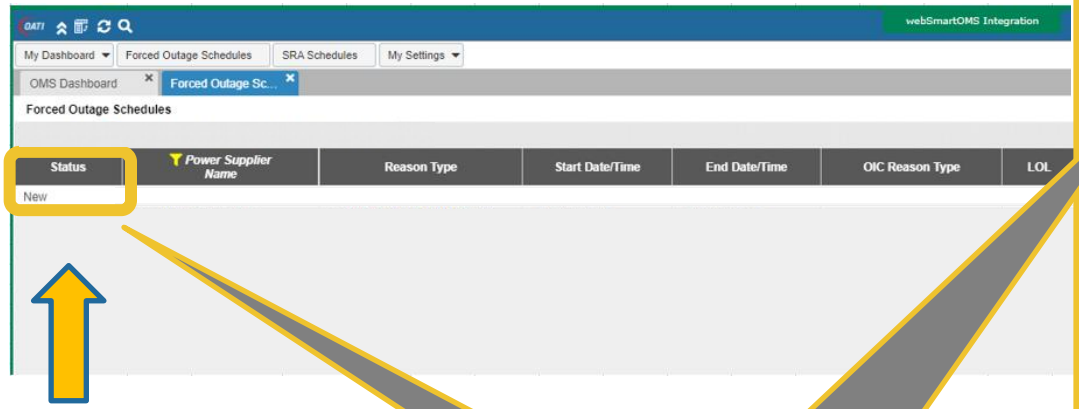
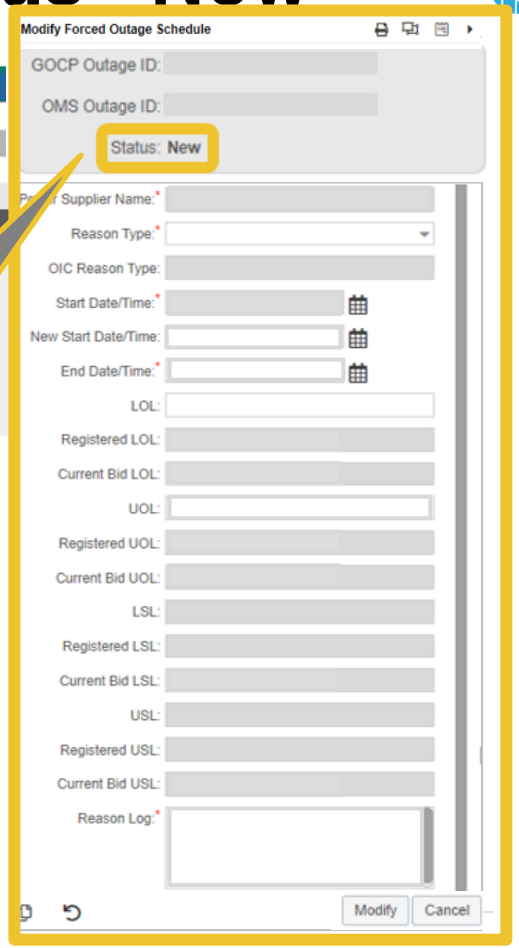
Forced Outage Request Status - New



Awaiting Dispatcher Approval

The 'New' Status will appear once an outage request has been entered, validated and submitted to NYISO for approval.



New requests for units that have a registered UOL of 20mw or above will require dispatcher approval and therefore move to 'New' status

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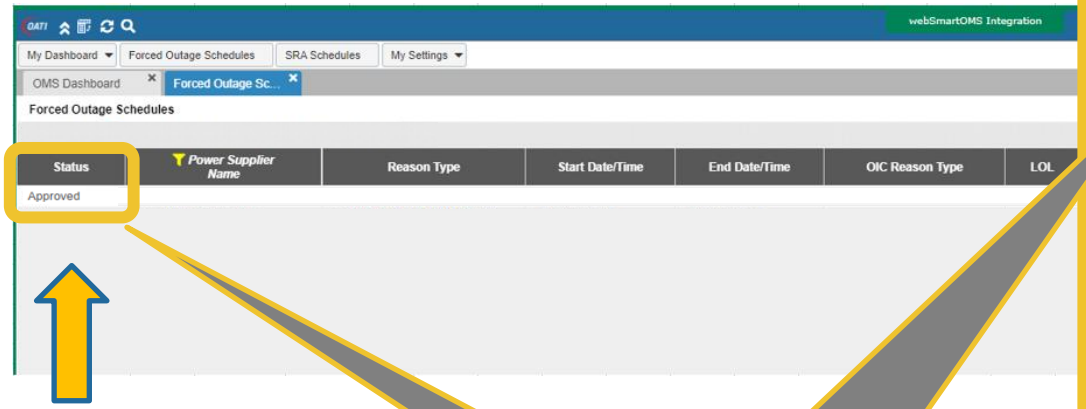
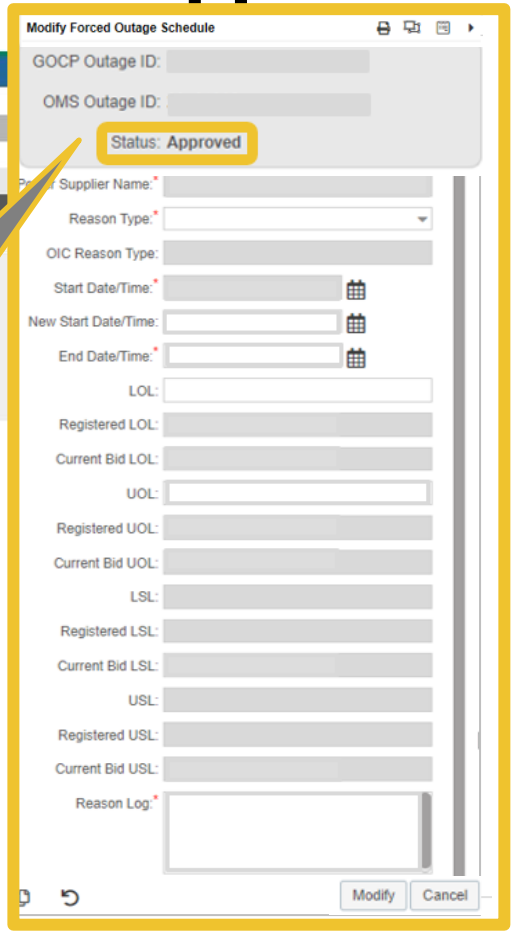
Forced Outage Request Status - Approved



Dispatcher Approved

The 'Approved' status will appear once NYISO has reviewed the outage request and has approved it.



New requests for units that are below a registered UOL of 20mw may be automatically approved

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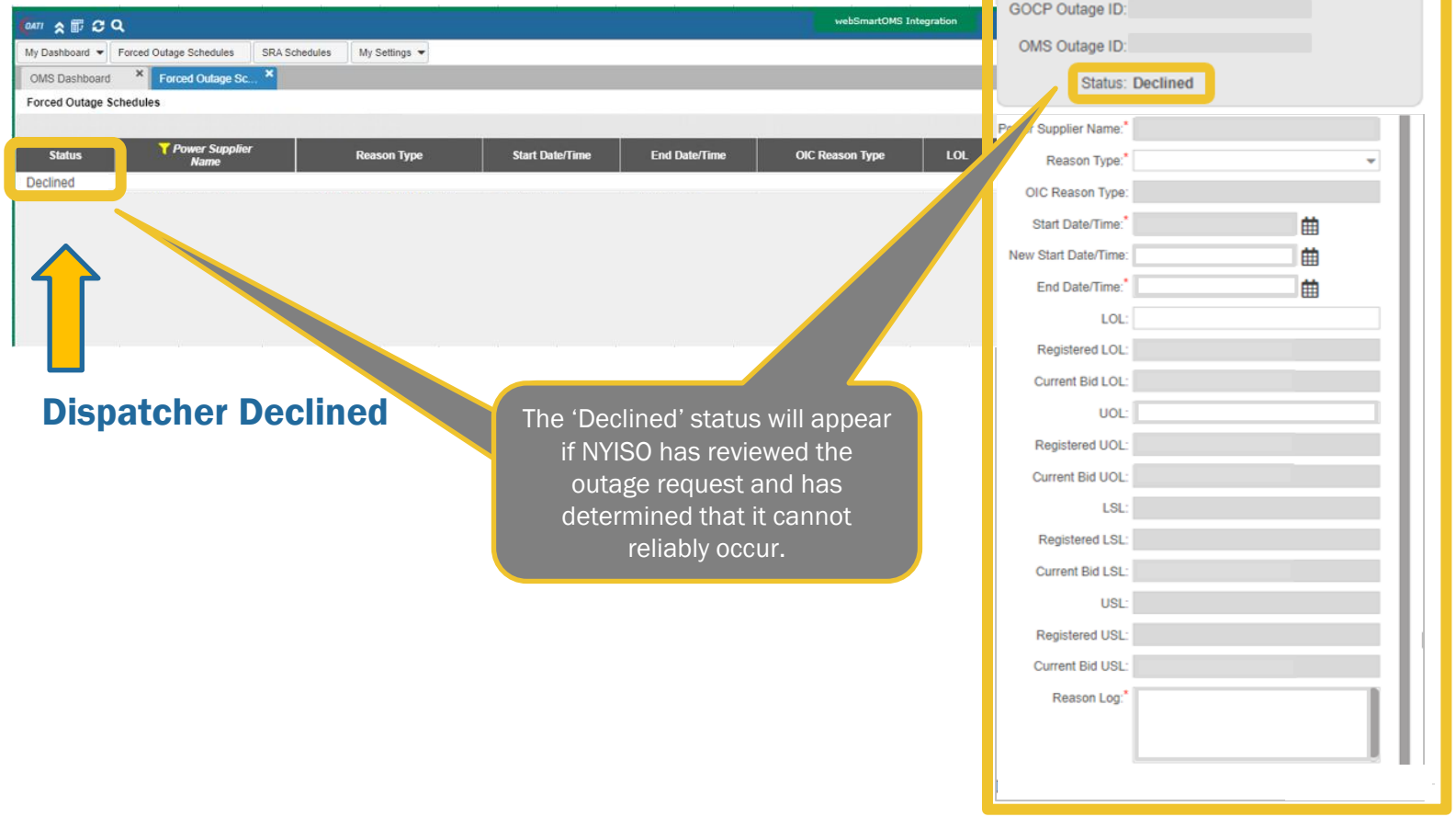
Forced Outage Request Status - Declined



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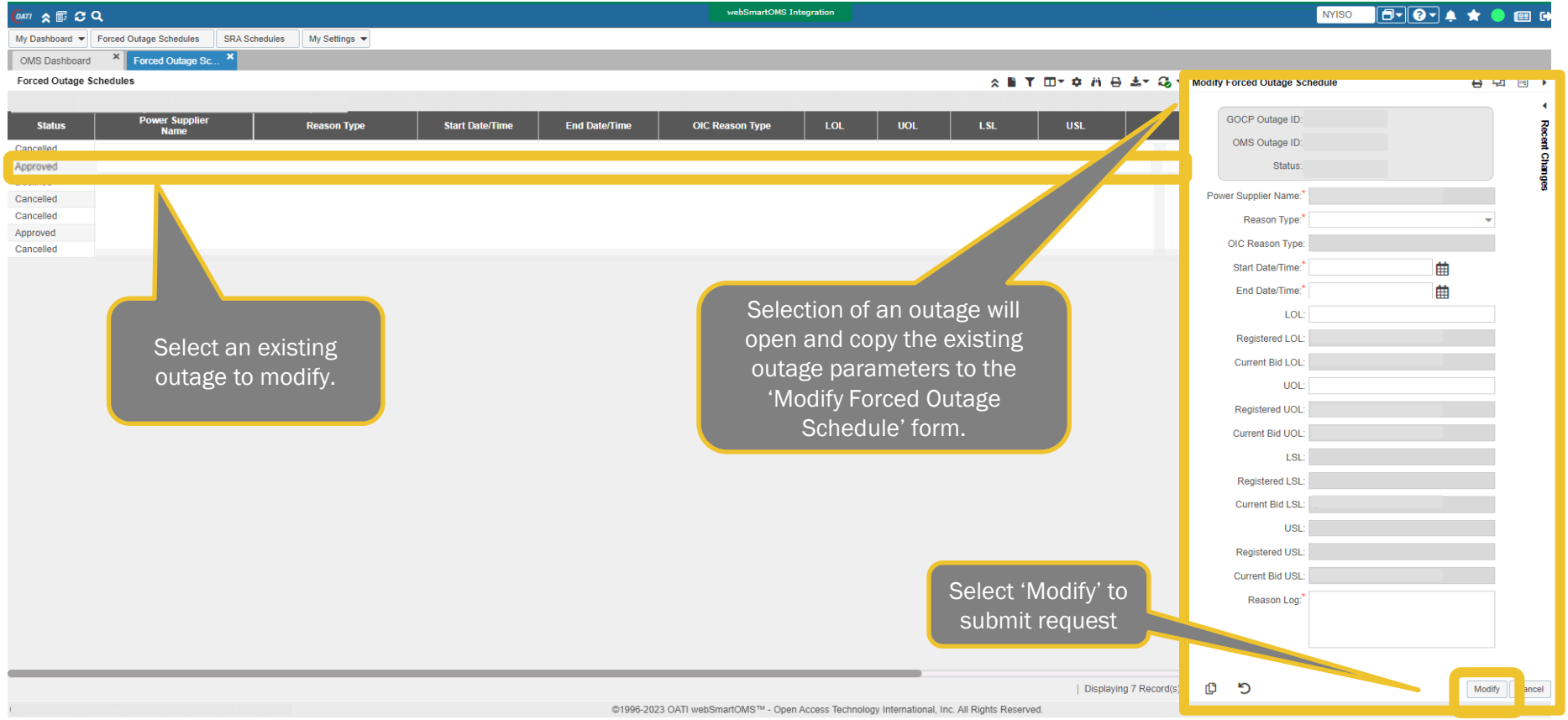
Modifying an Existing Outage Request



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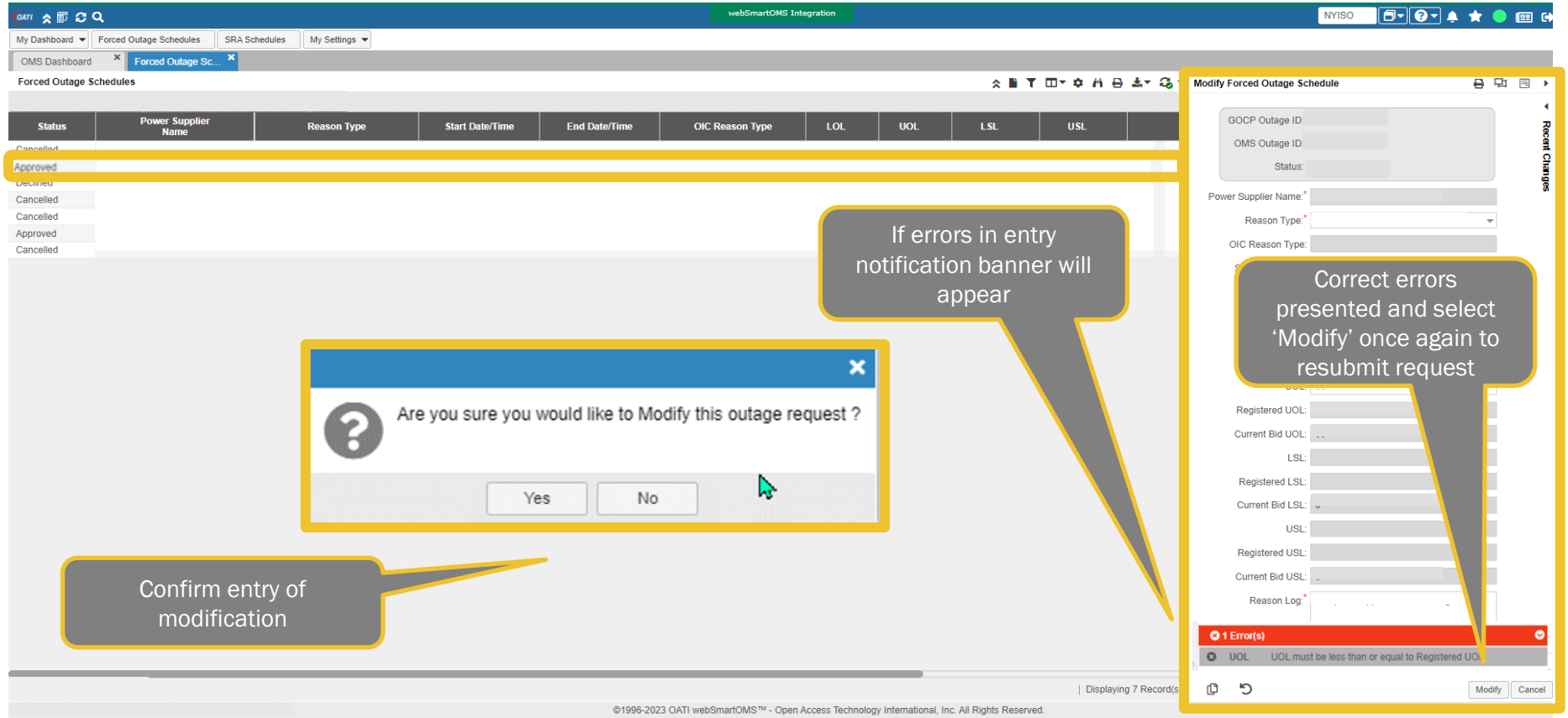
Modifying an Existing Outage Request



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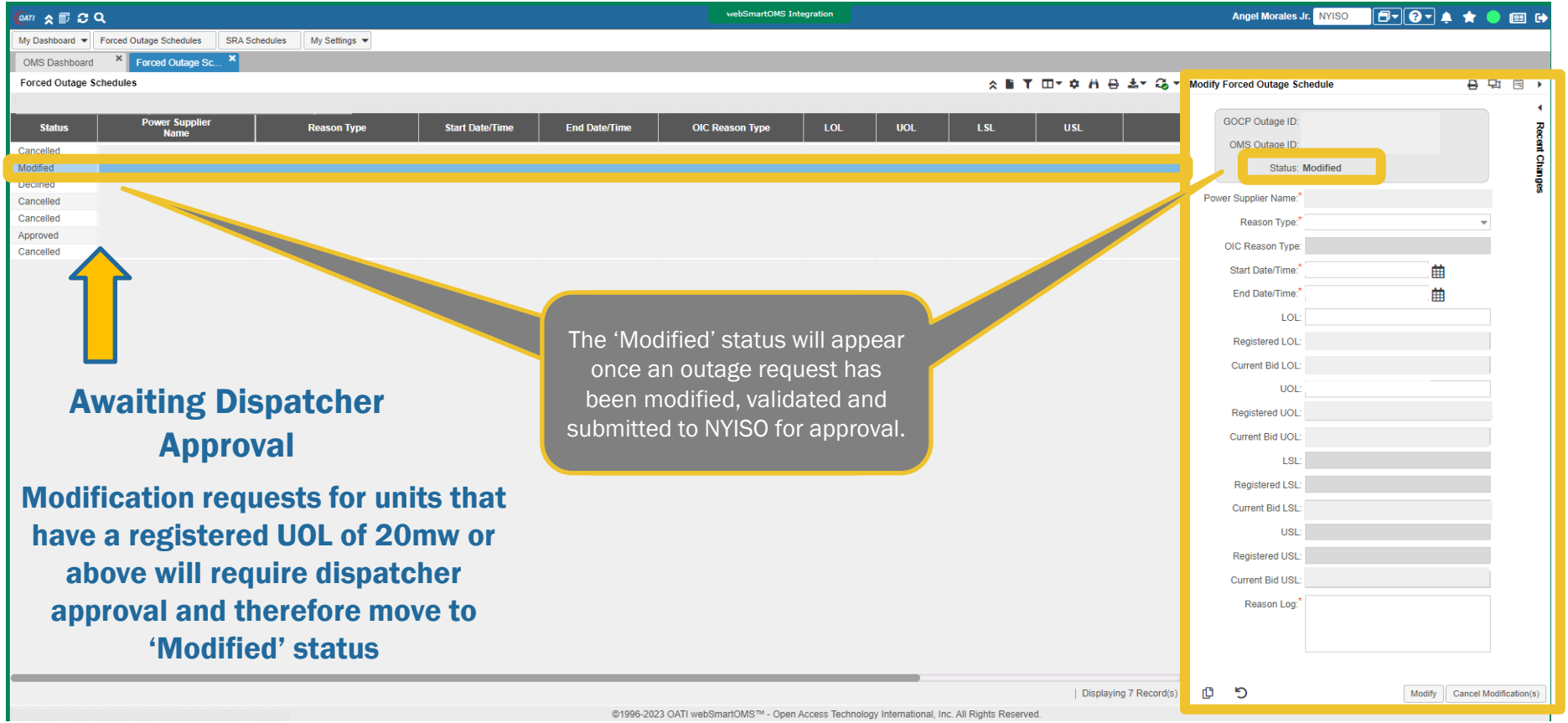
Modified Outage Request Status –



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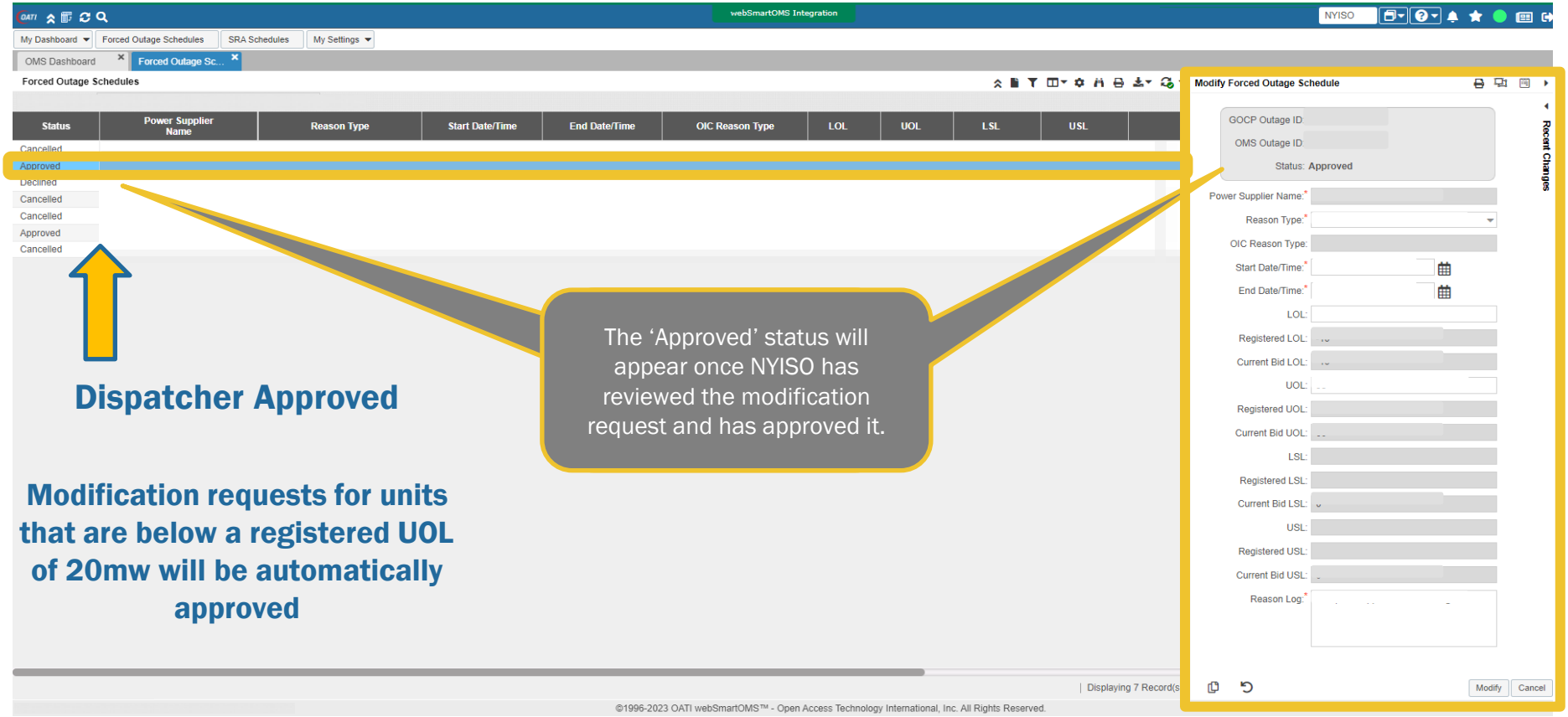
Modified Outage Request Status –



Dispatcher Approved

The ‘Approved’ status will appear once NYISO has reviewed the modification request and has approved it.

Modification requests for units that are below a registered UOL of 20mw will be automatically approved

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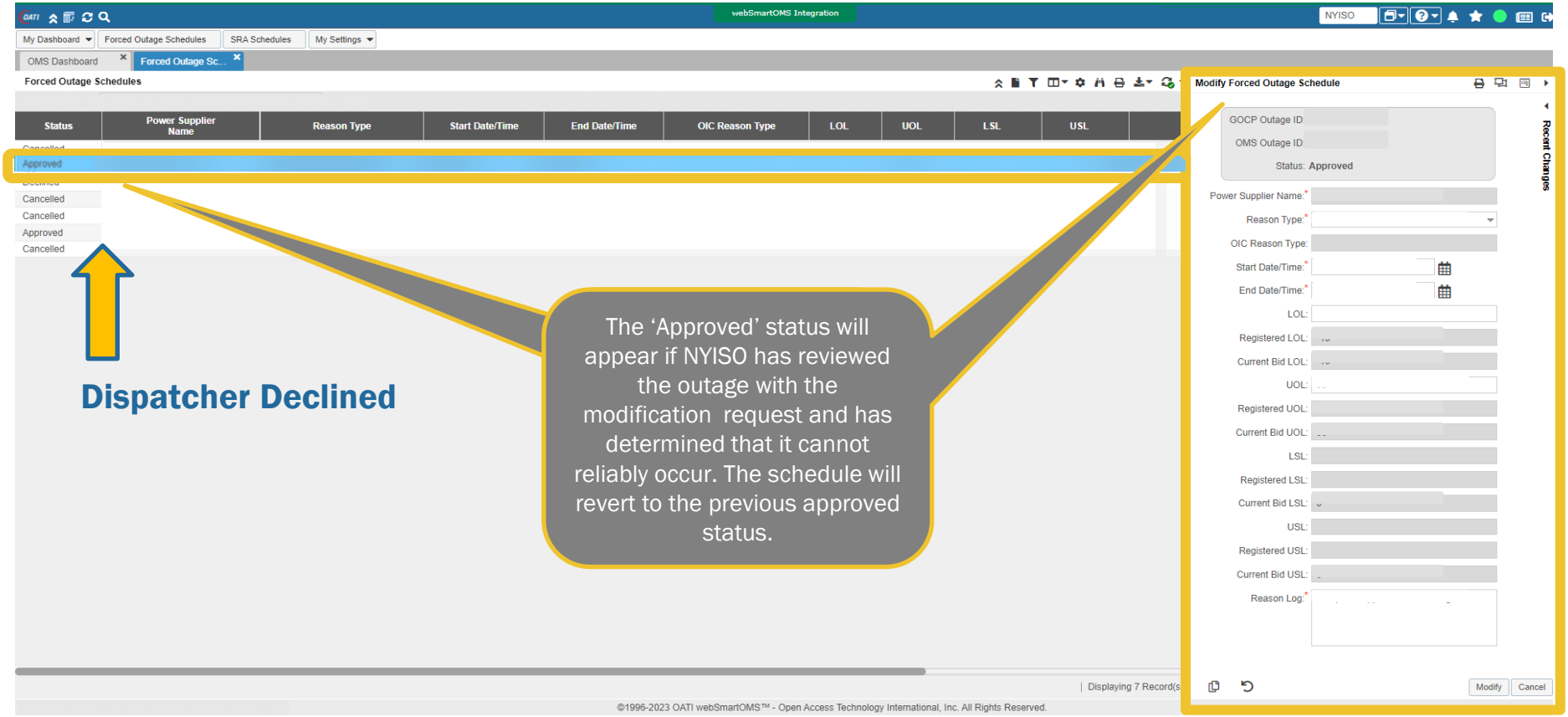
Modified Outage Request Status –



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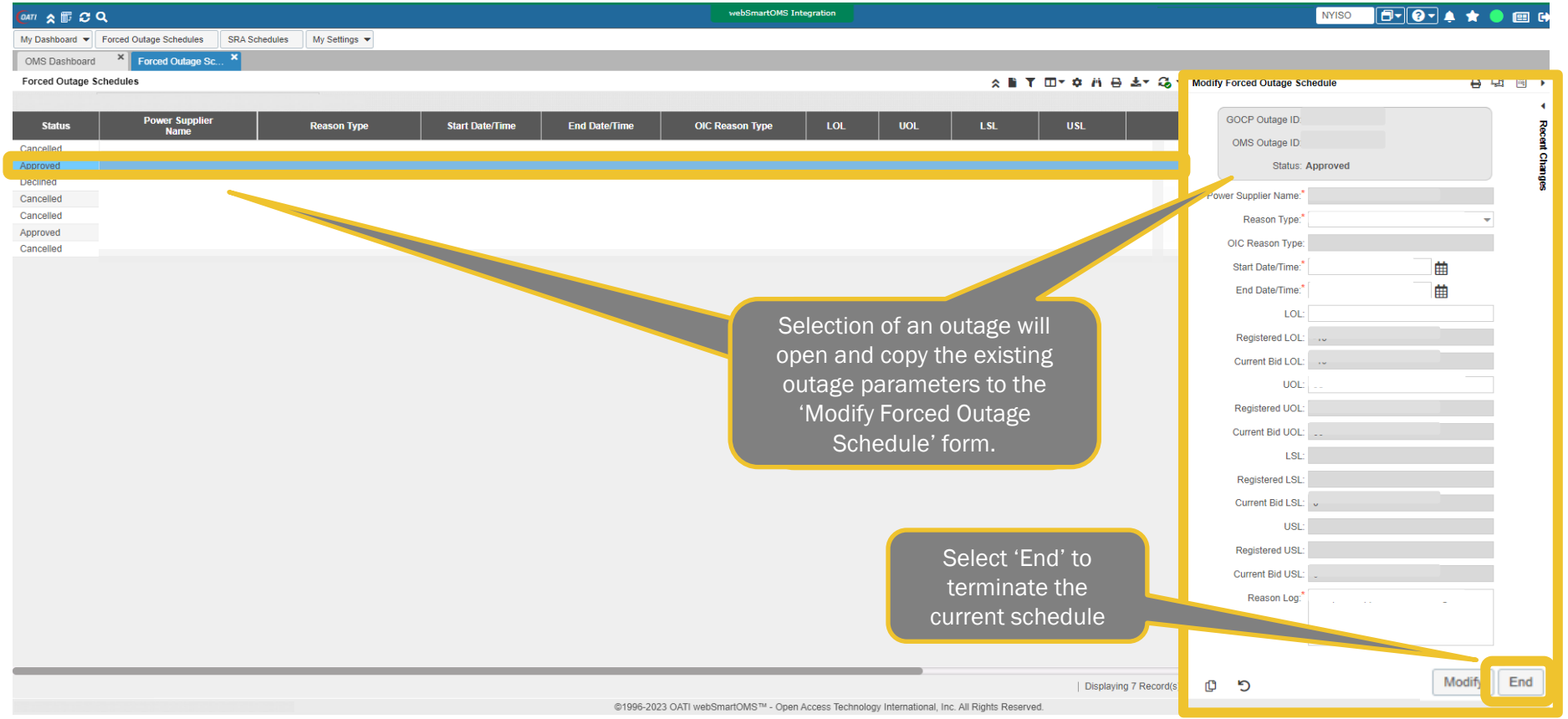
Ending a Current Outage



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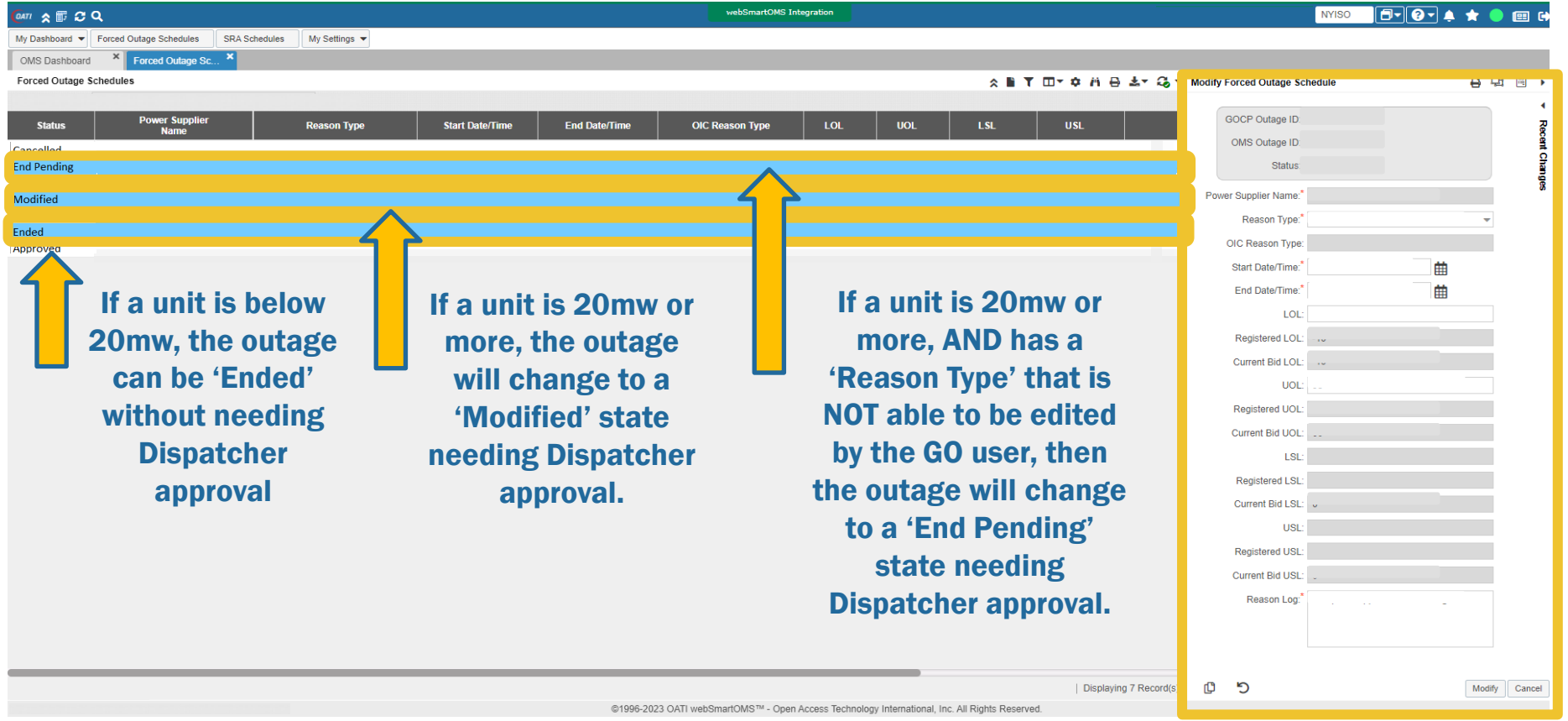
Ending a Current Outage



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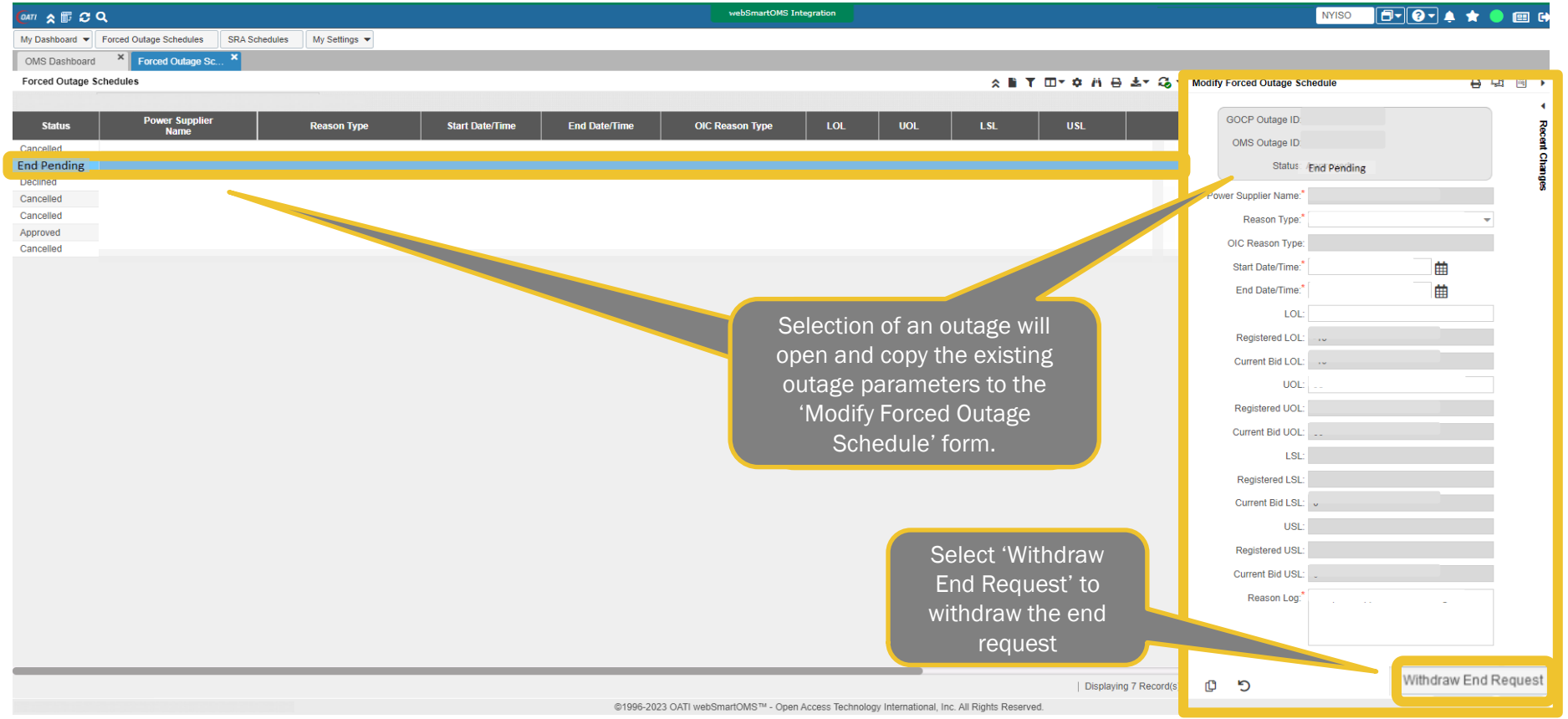
Ending a Current Outage



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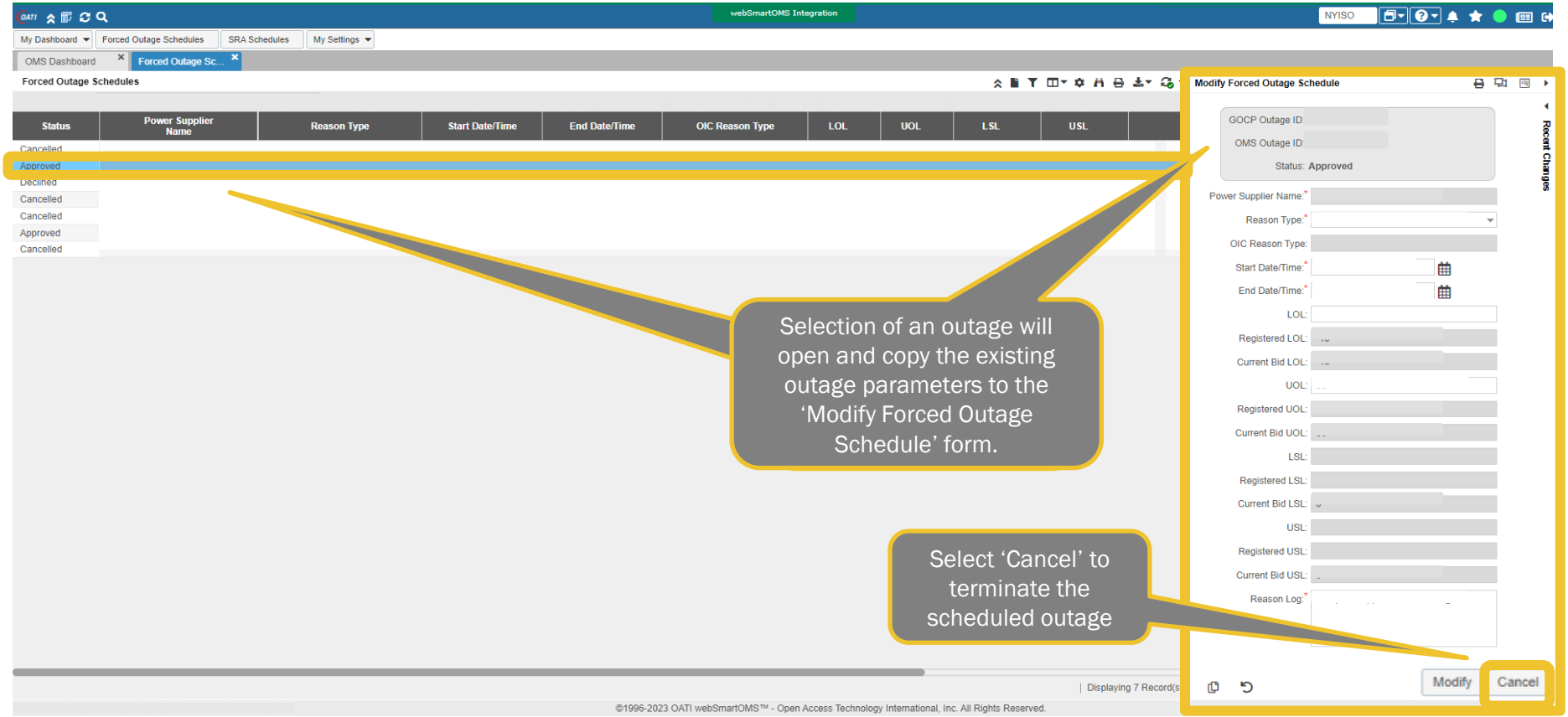
Canceling a Future Scheduled Outage



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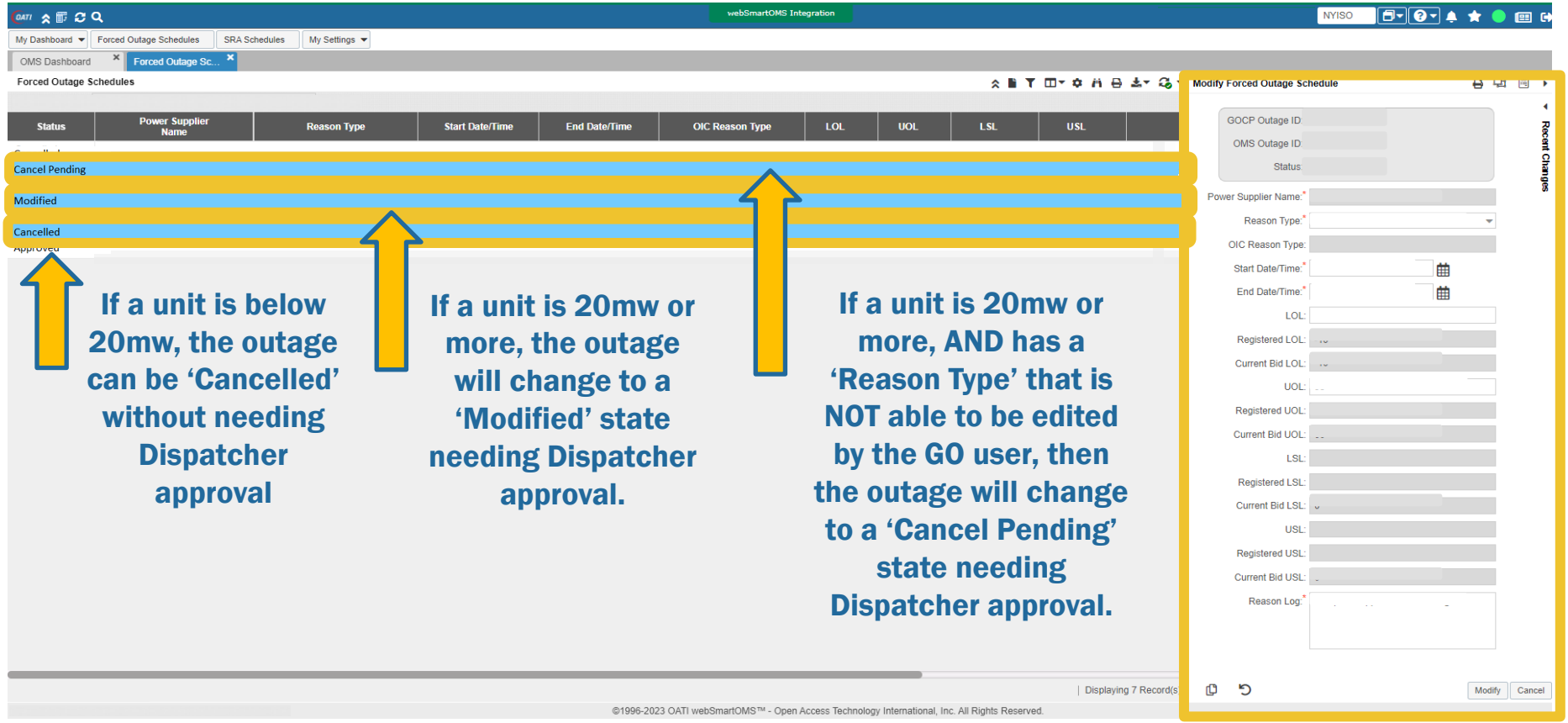
Ending a Current Outage



If a unit is below 20mw, the outage can be 'Cancelled' without needing Dispatcher approval

If a unit is 20mw or more, the outage will change to a 'Modified' state needing Dispatcher approval.

If a unit is 20mw or more, AND has a 'Reason Type' that is NOT able to be edited by the GO user, then the outage will change to a 'Cancel Pending' state needing Dispatcher approval.

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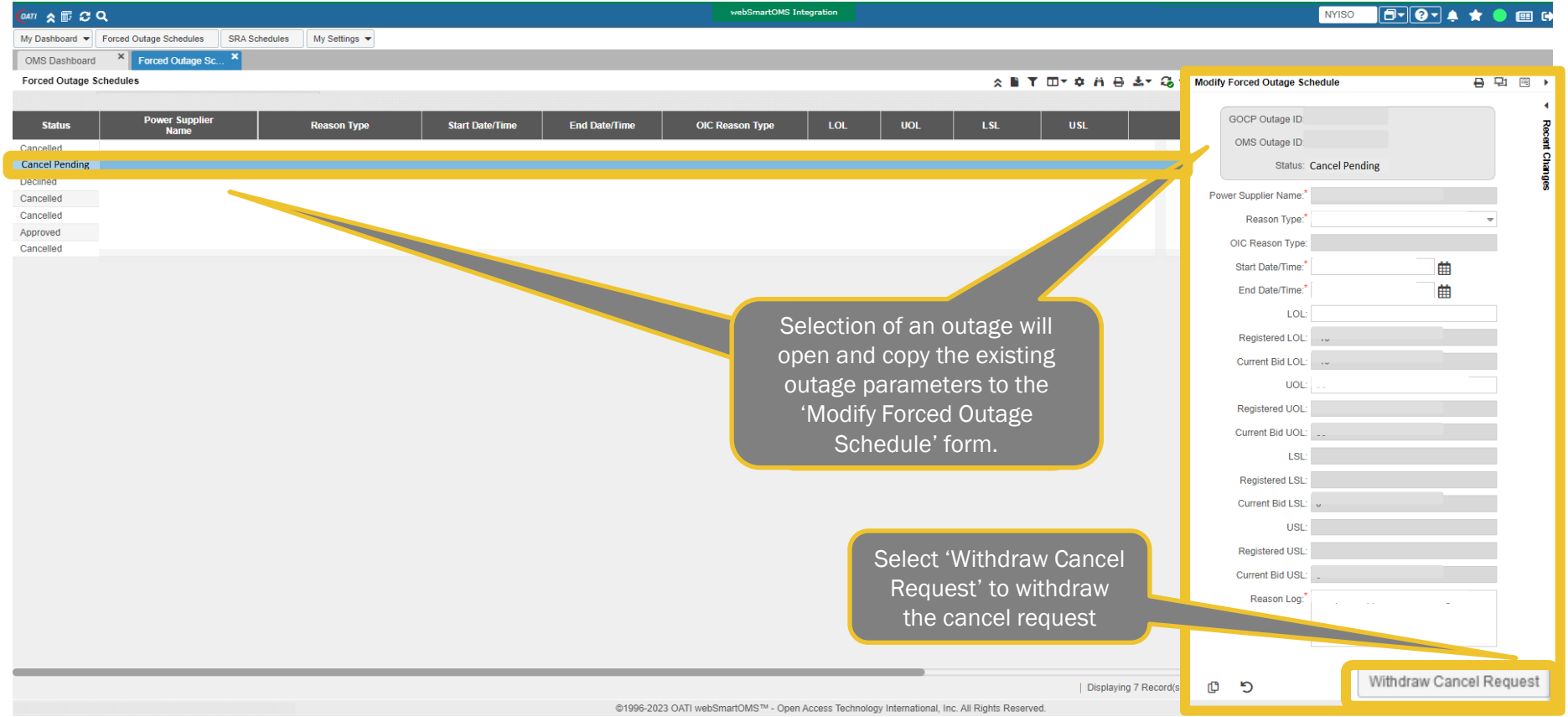
Canceling a Future Scheduled Outage



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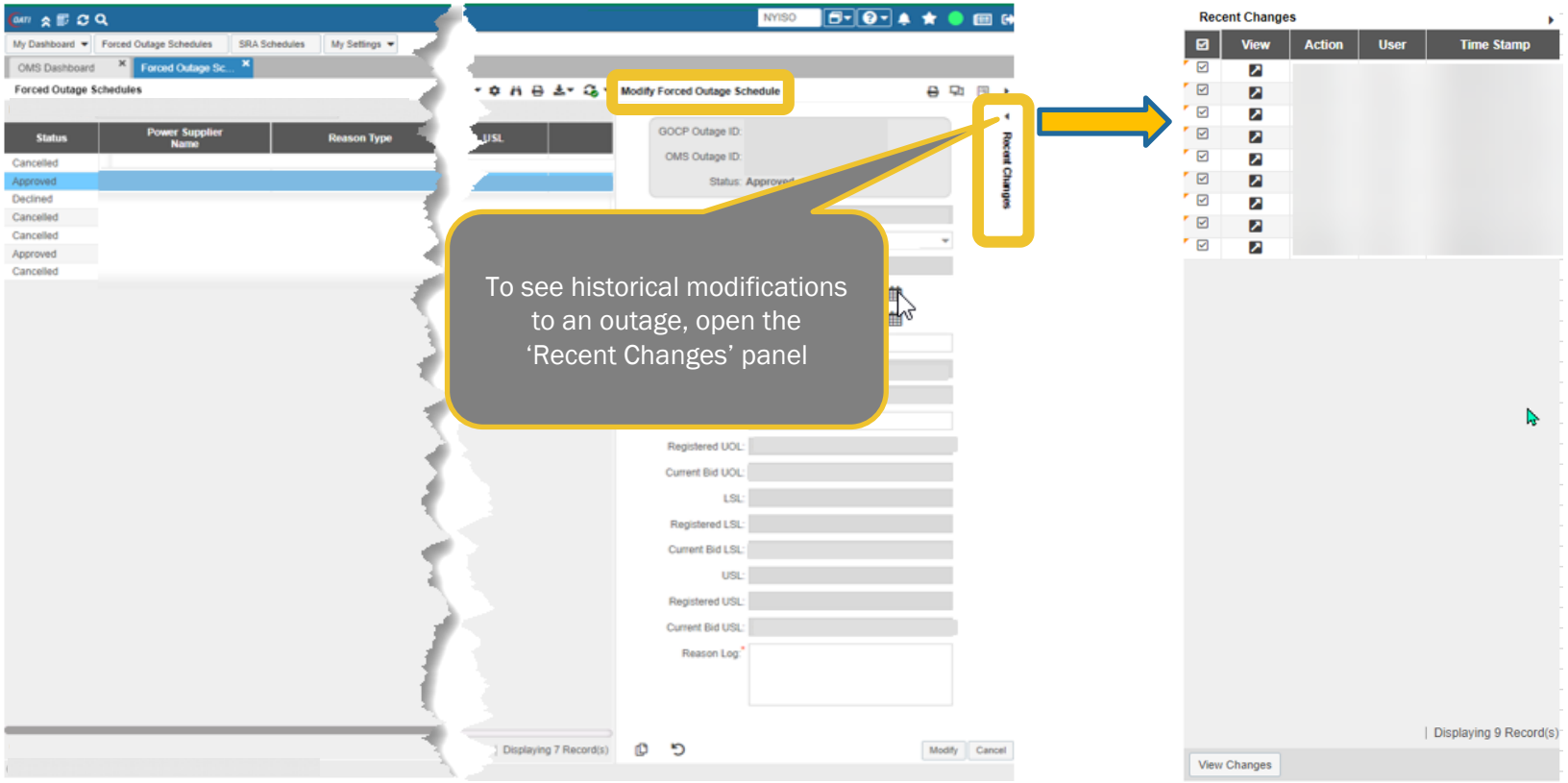
Viewing Recent Outage Request Changes



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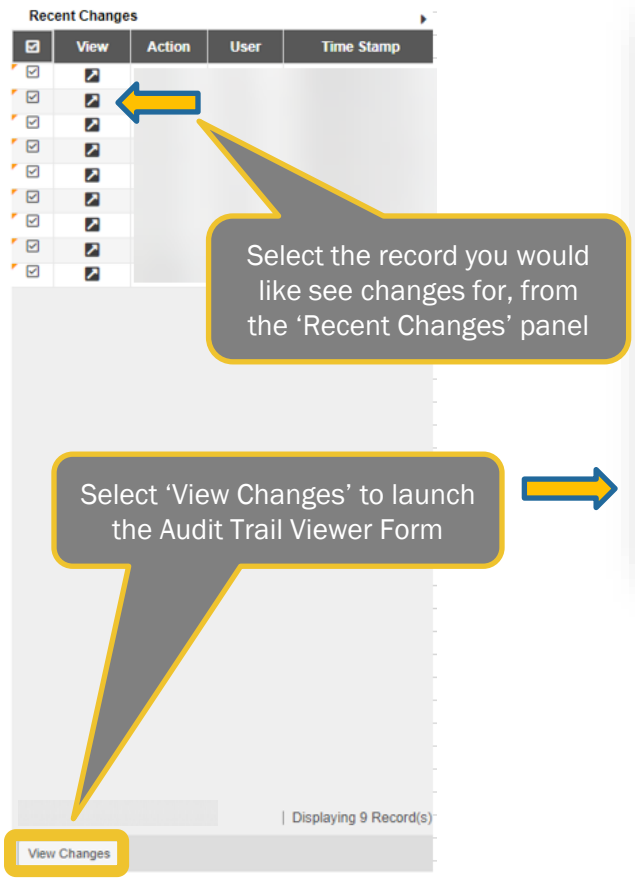
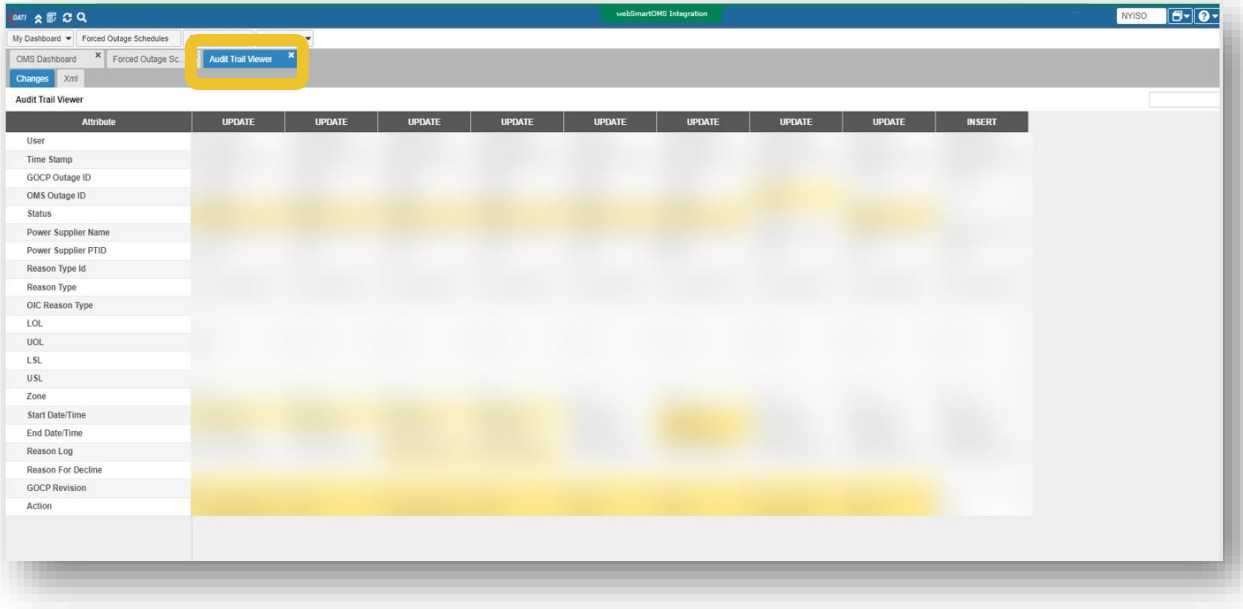
Recent Changes Panel for Outage Requests





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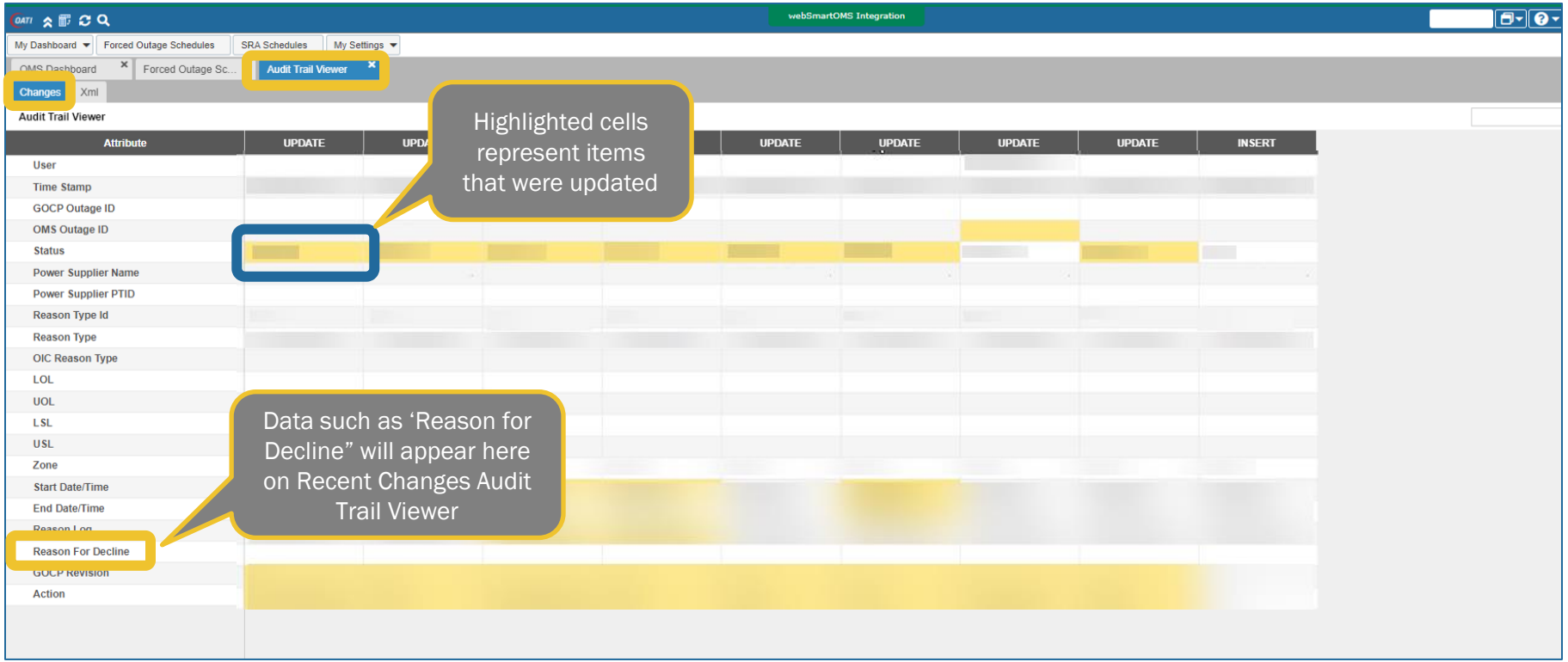
Audit Trail Viewer Form for Outage Requests



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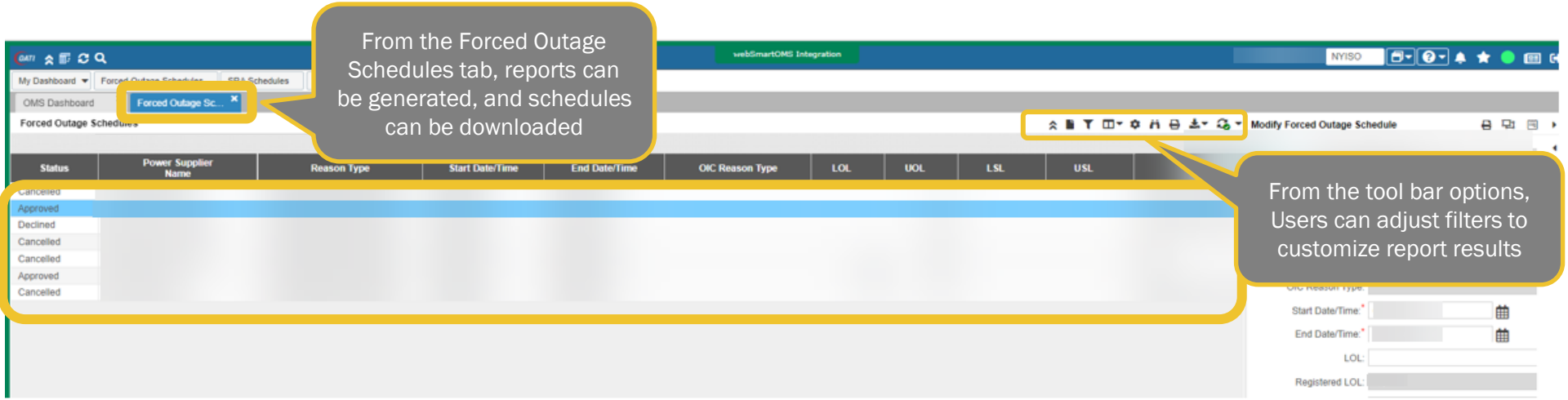
Viewing Outage Schedule Requests



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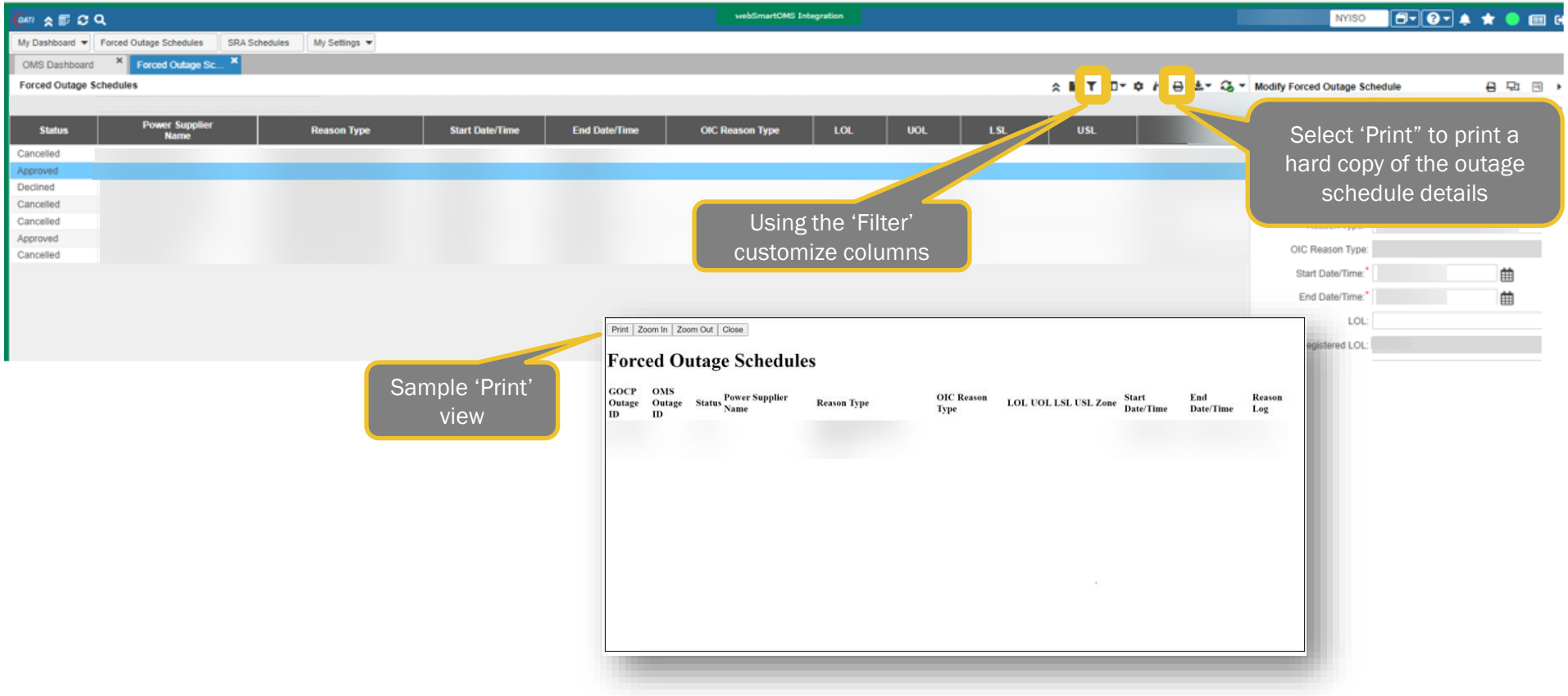
Tool Bar Options for Outage Requests



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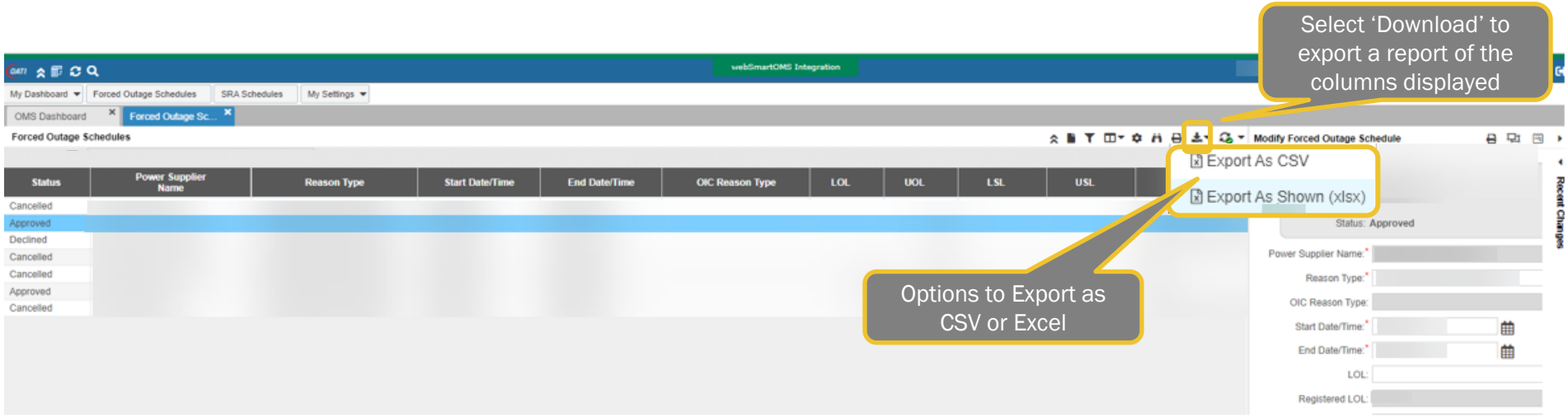
Exporting Outage Request Report Results

New York ISO



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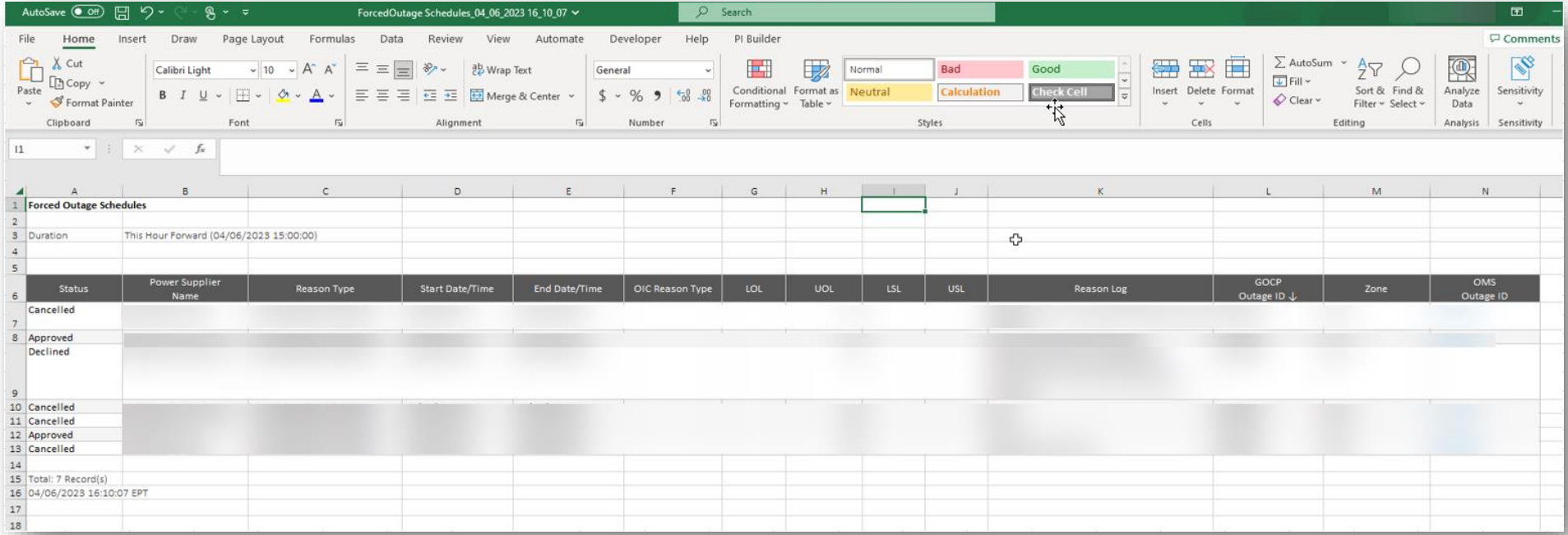
Sample View - Outage Request Exported Report



Forced Outage Schedules

Duration: This Hour Forward (04/06/2023 15:00:00)

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	OMS Outage ID
Cancelled													
Approved													
Declined													
Cancelled													
Cancelled													
Approved													
Cancelled													

Total: 7 Record(s)

04/06/2023 16:10:07 EPT

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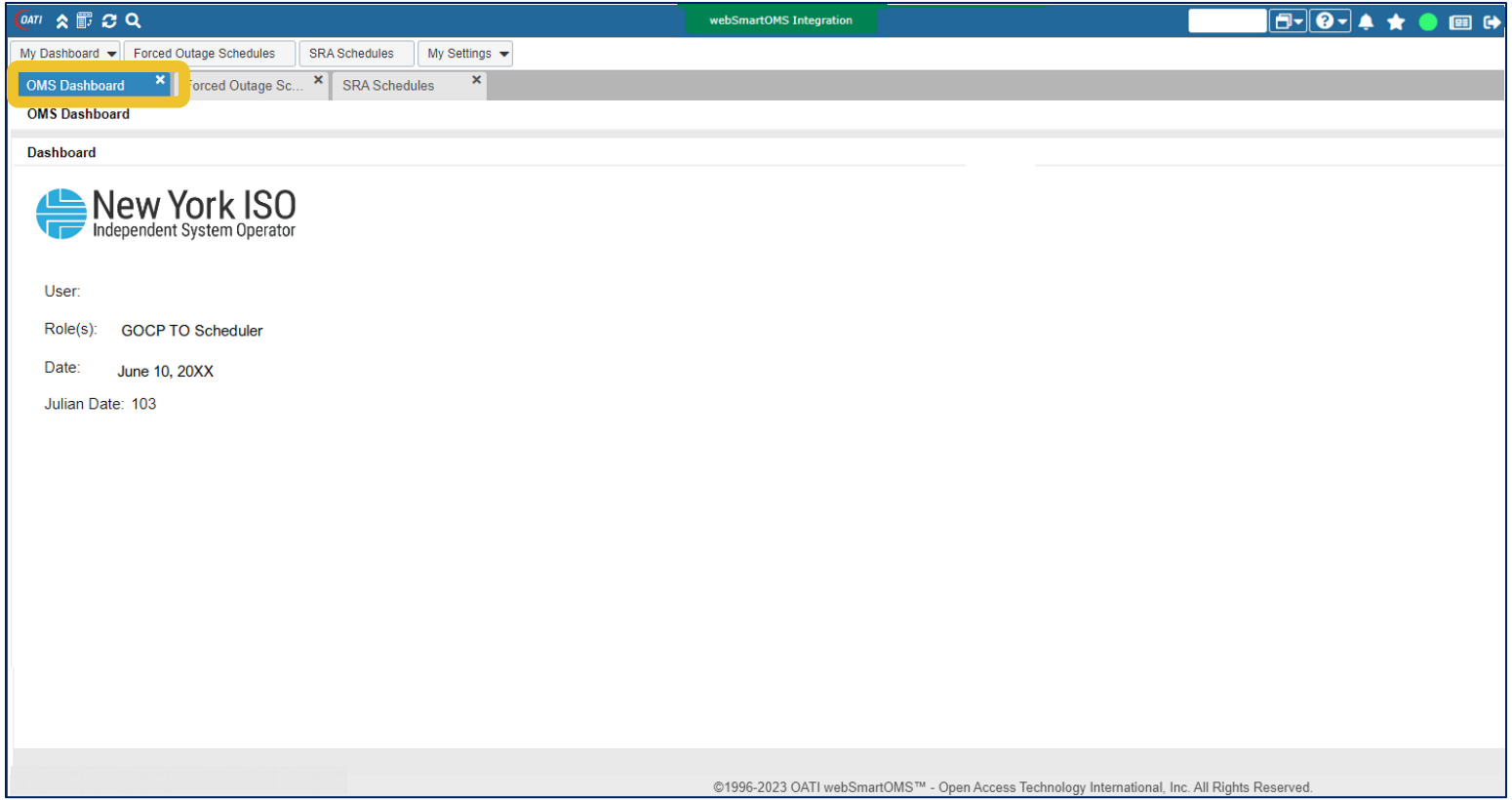
GOCP Dashboard (TO)



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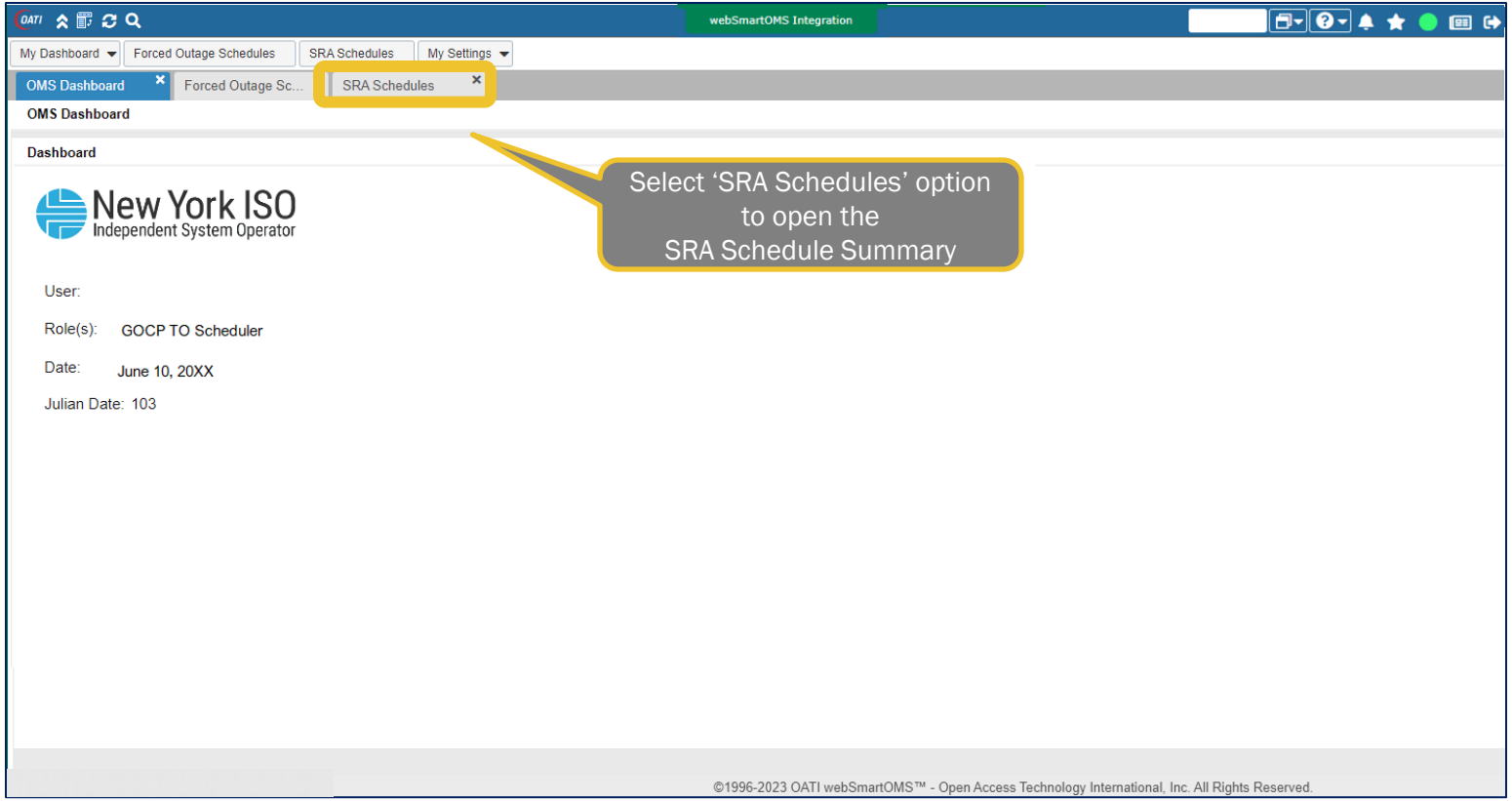
GOCP Dashboard (TO)



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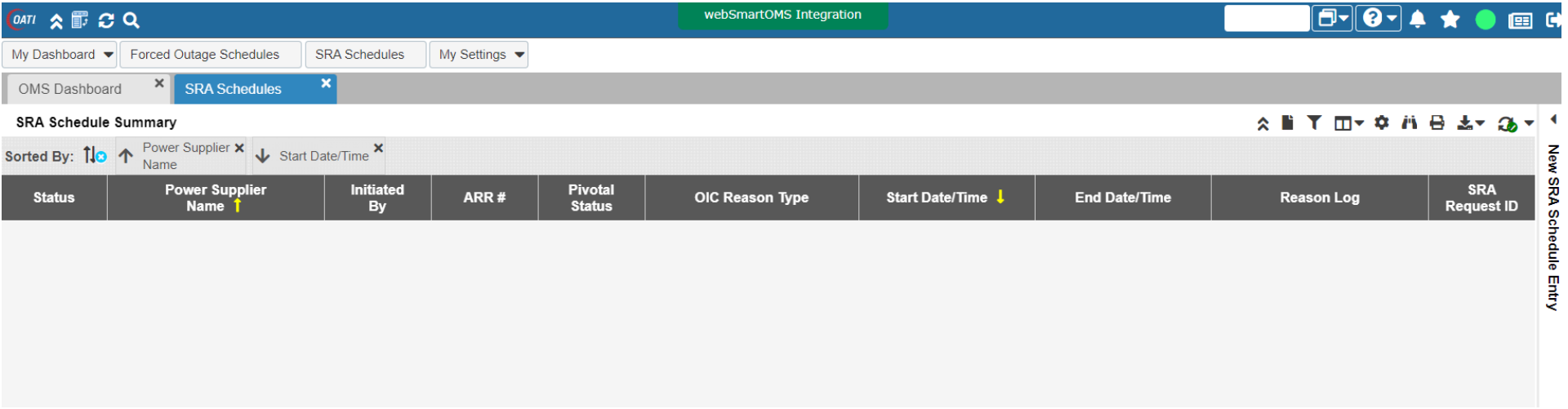
GOCP SRA Schedule Summary



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GOCP New SRA Schedule Form

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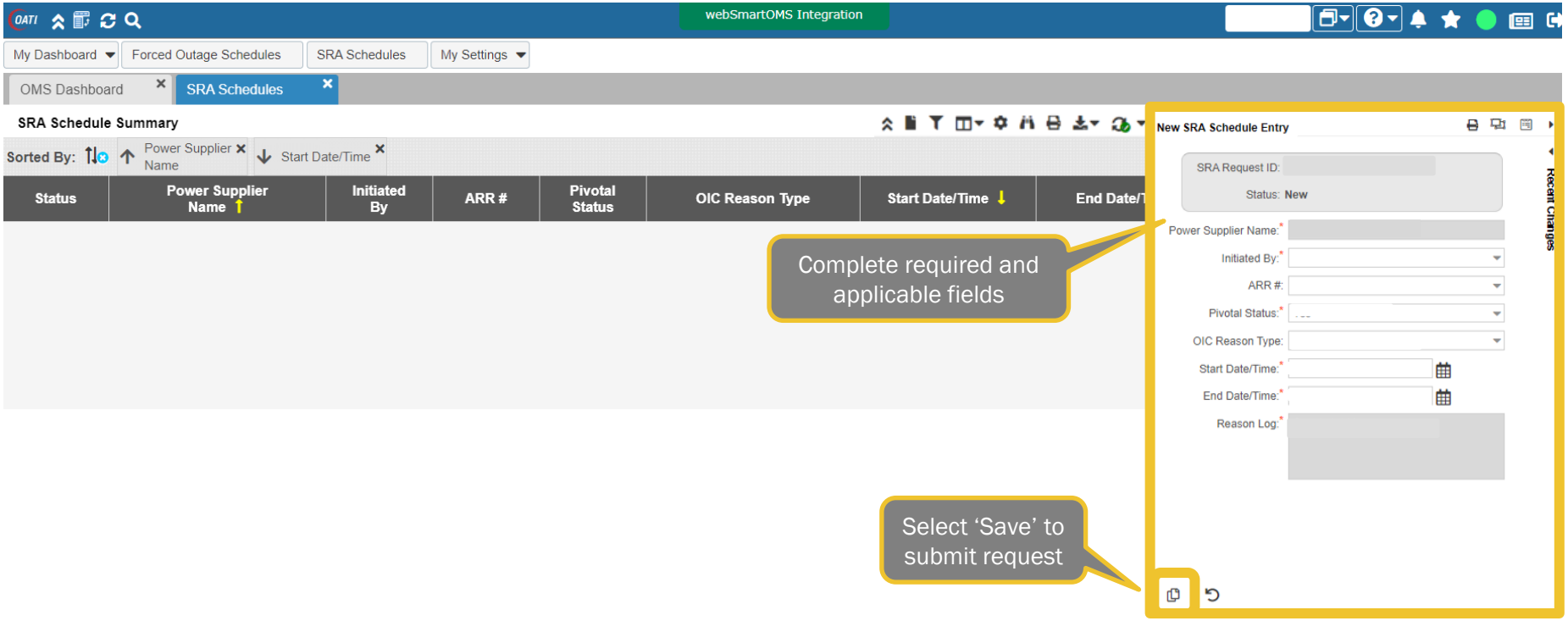
Entering a New SRA Schedule



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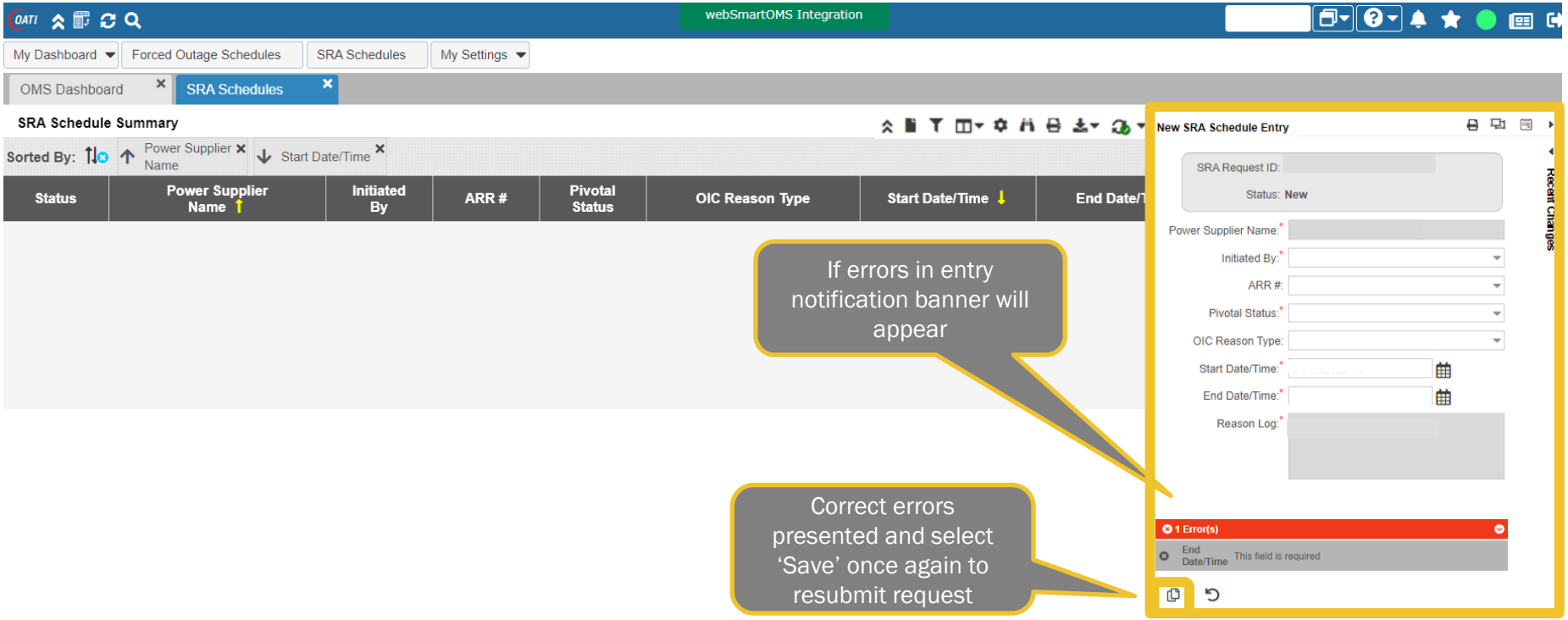
New SRA Schedule Form Errors



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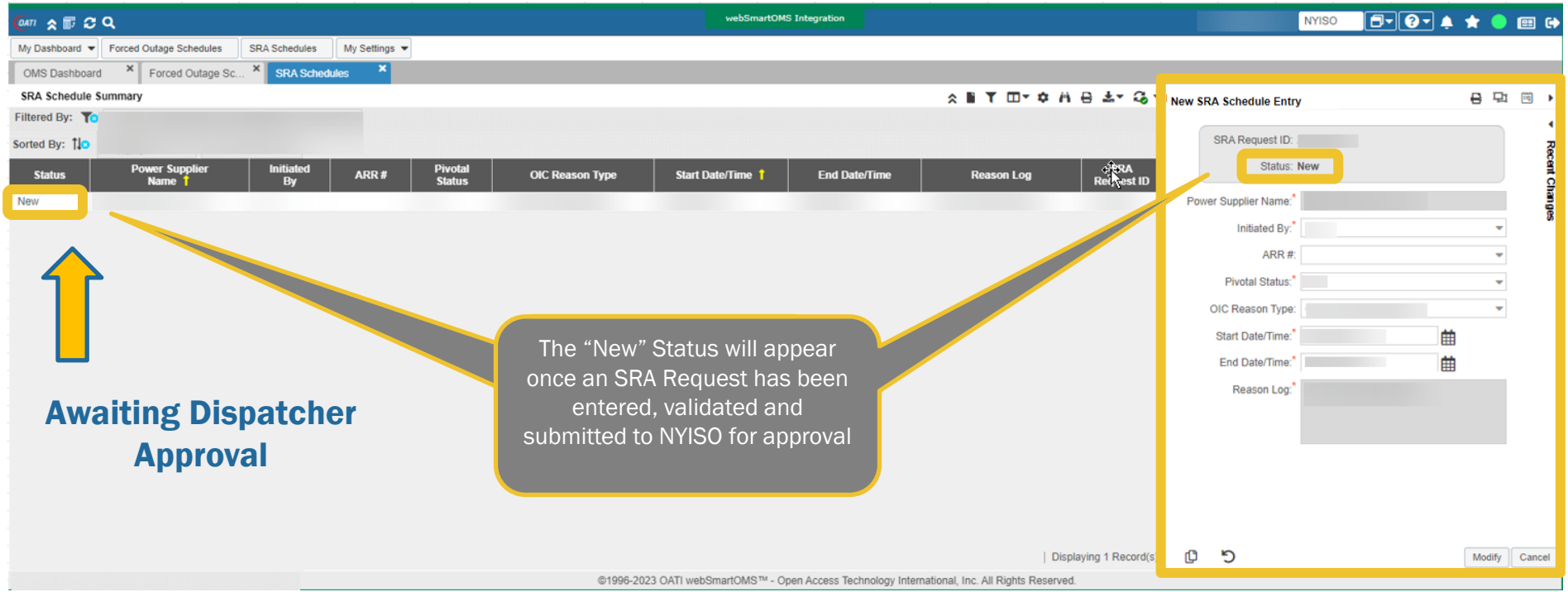
SRA Request Status – New



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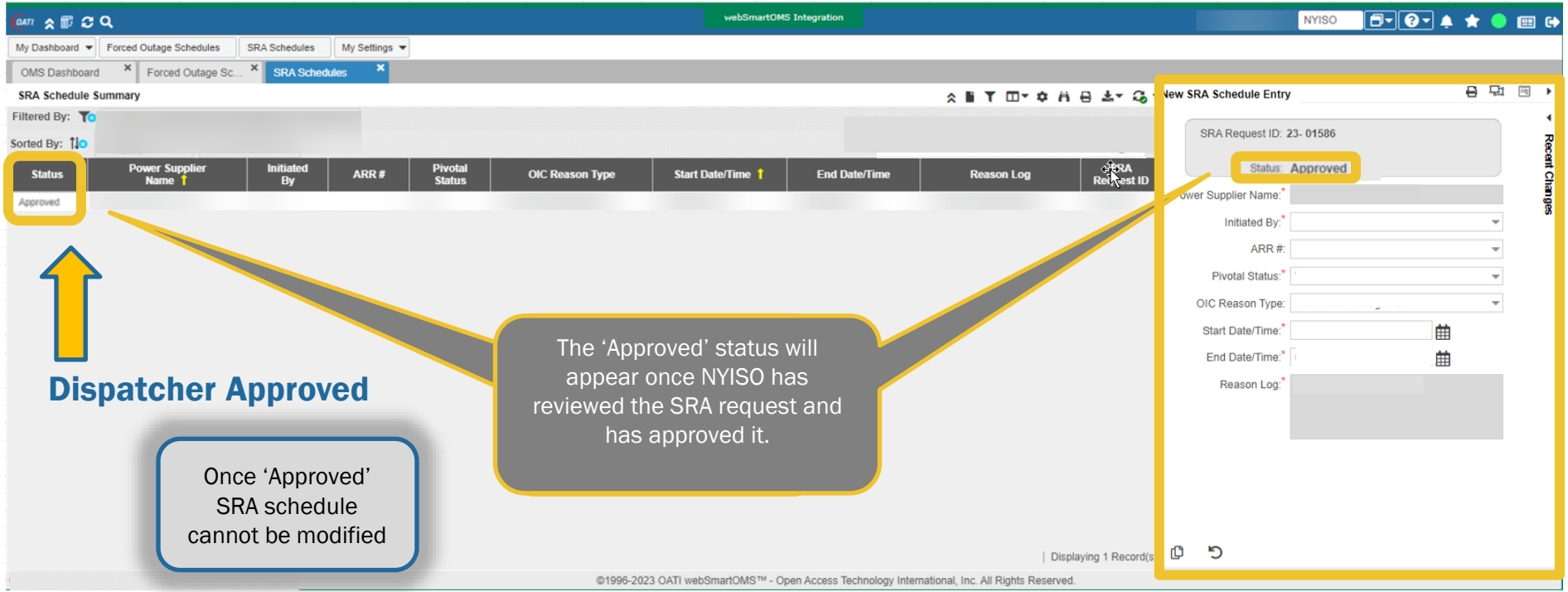
SRA Request Status – Approved



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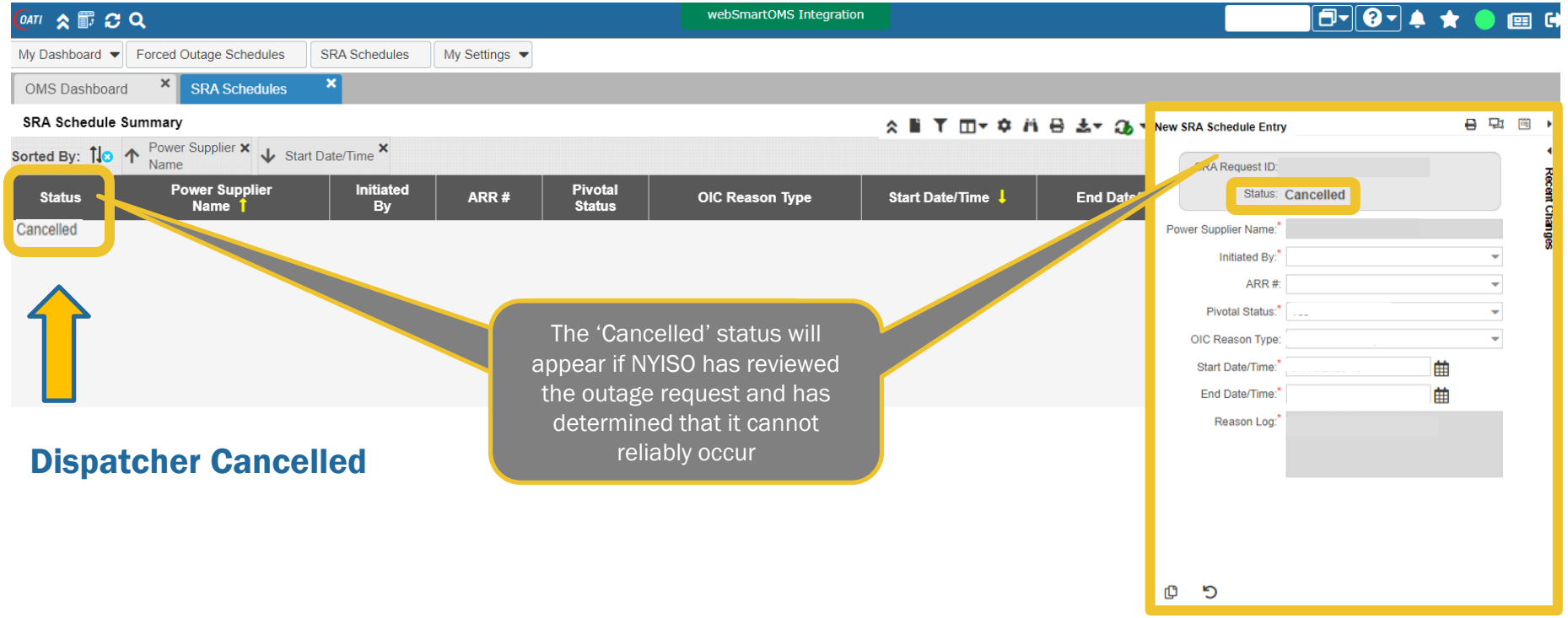
SRA Request Status – Cancelled



Dispatcher Cancelled

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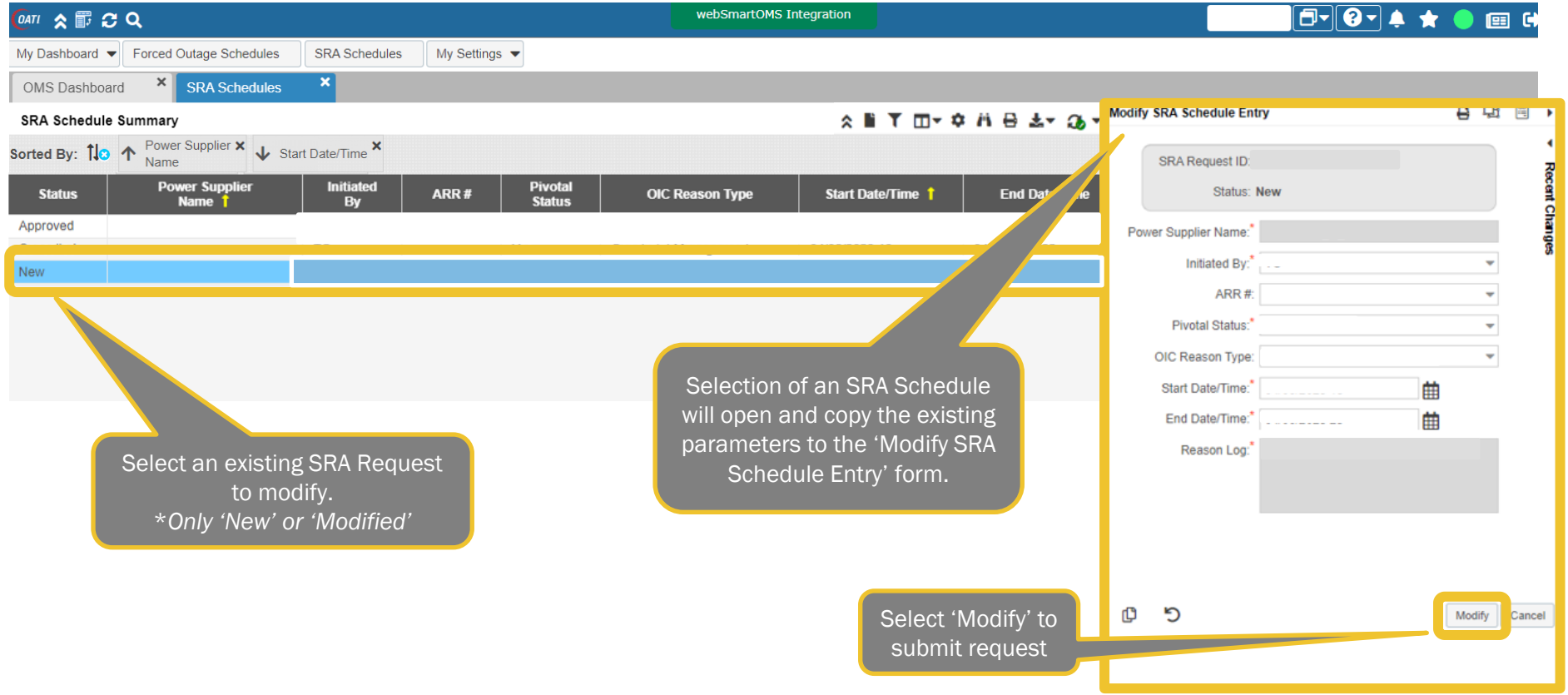
Modifying an Existing SRA Request



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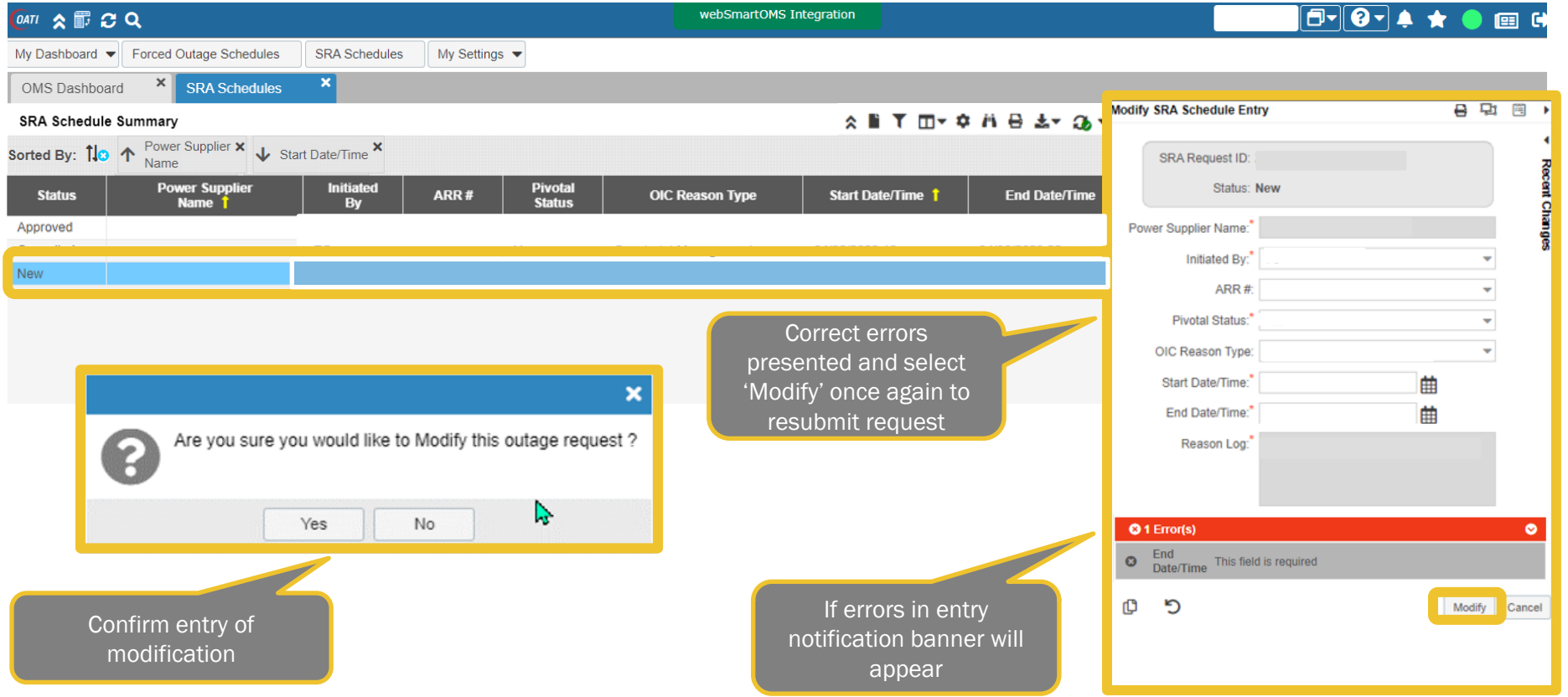
Modifying an Existing SRA Request



Correct errors presented and select 'Modify' once again to resubmit request

Confirm entry of modification

If errors in entry notification banner will appear

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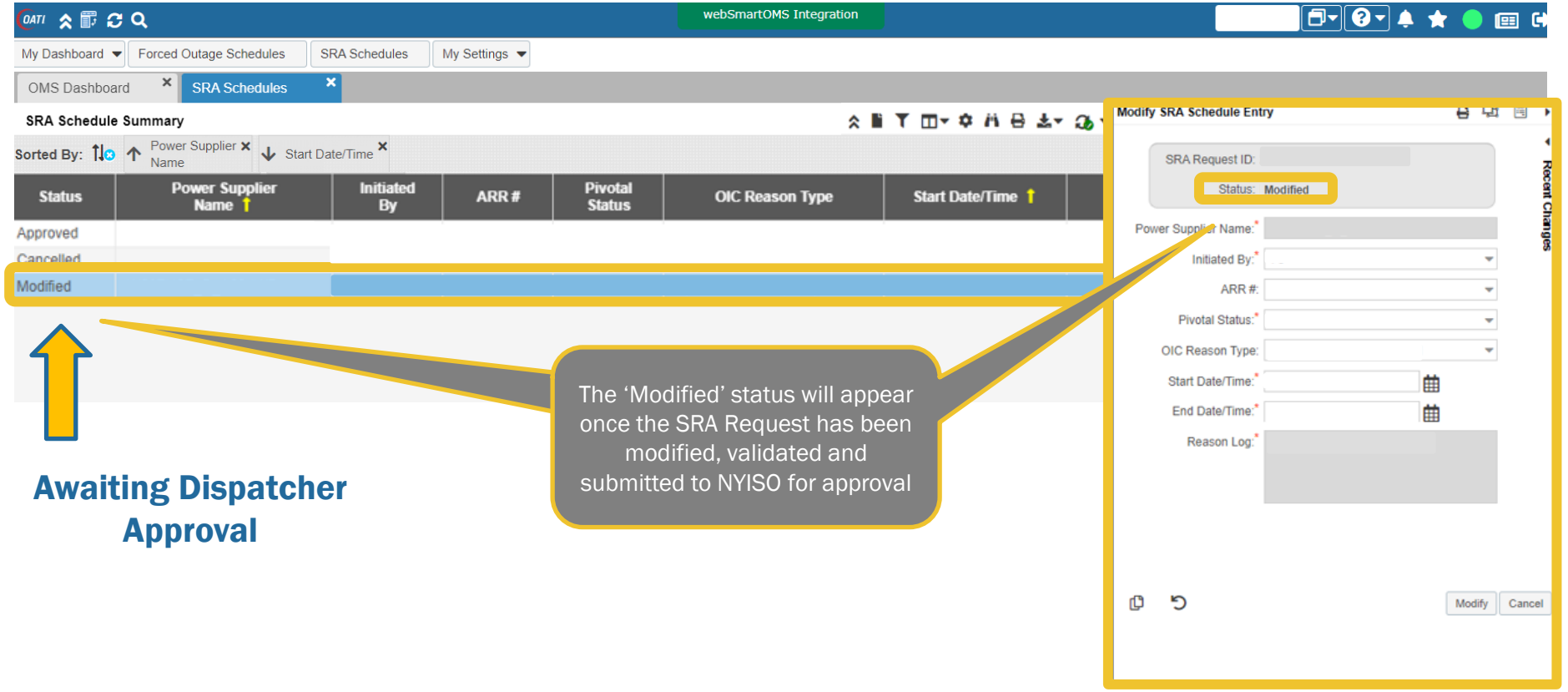
Modified SRA Request Status



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Modified SRA Request Status

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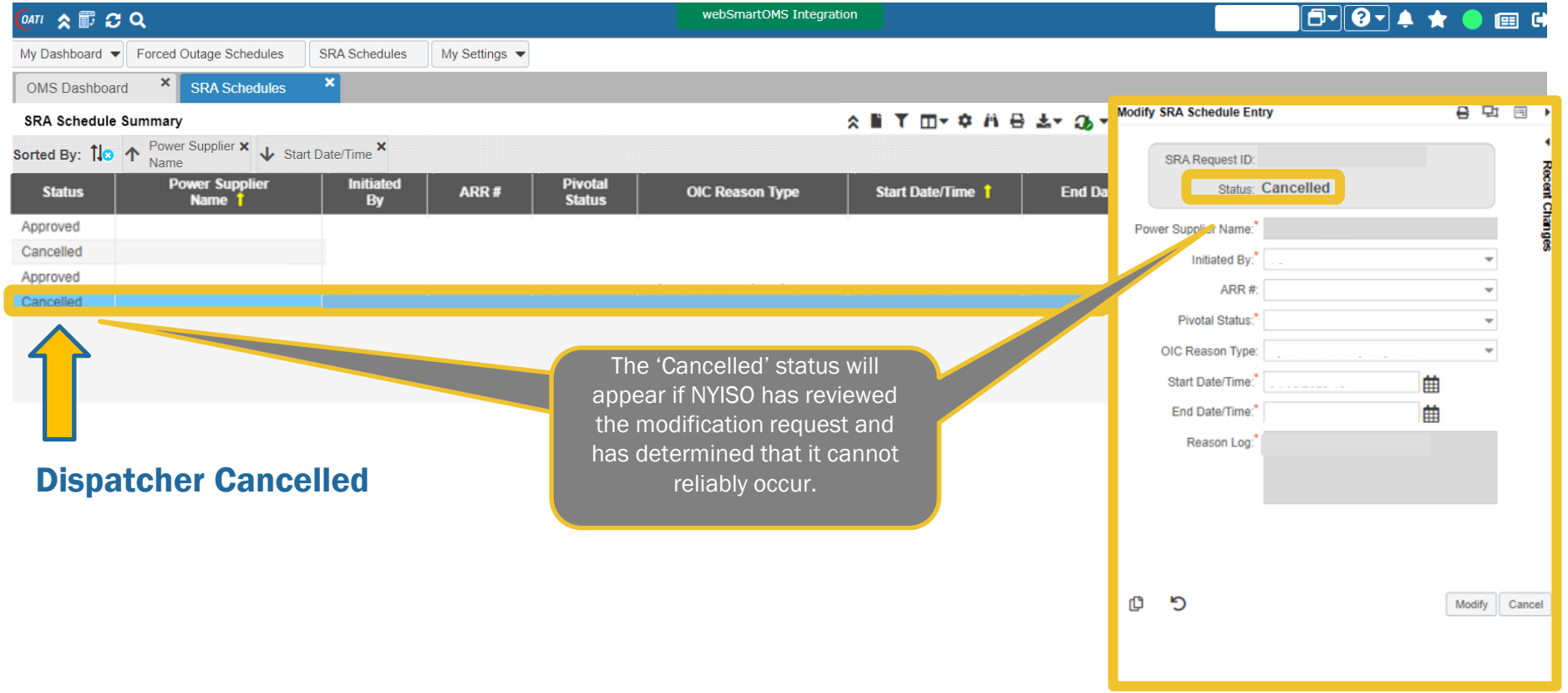
Modified SRA Request Status



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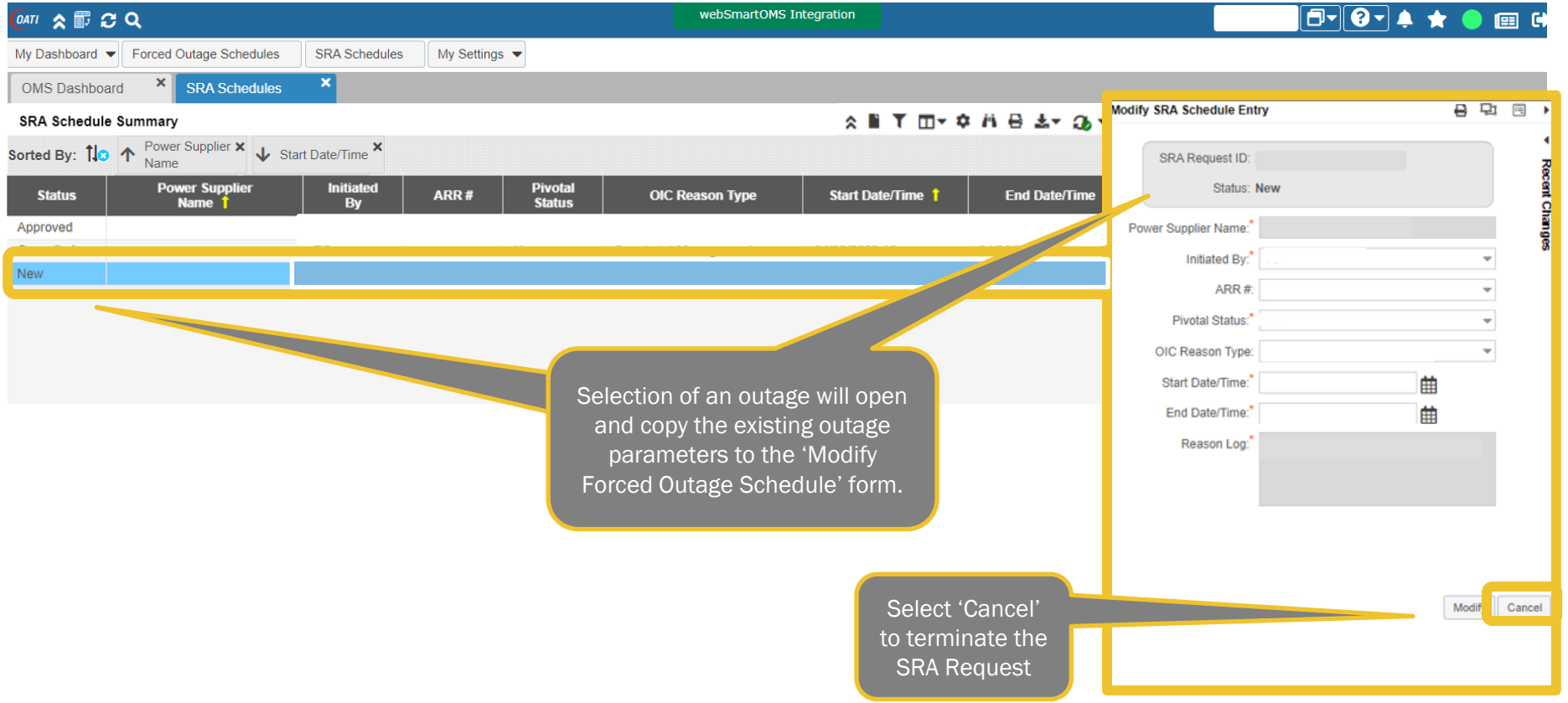
Cancel an Existing SRA Request



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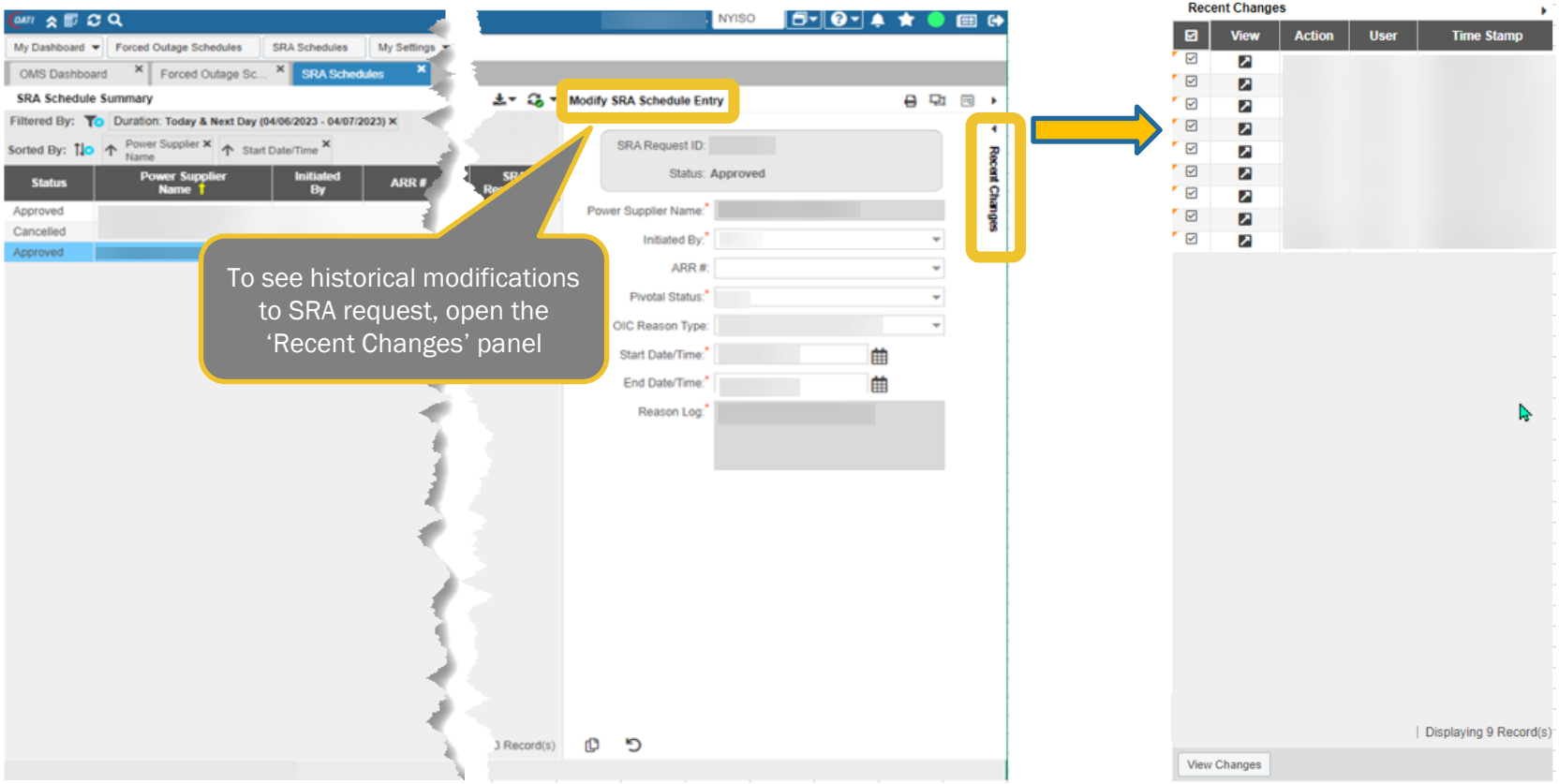
Viewing Recent SRA Request Changes



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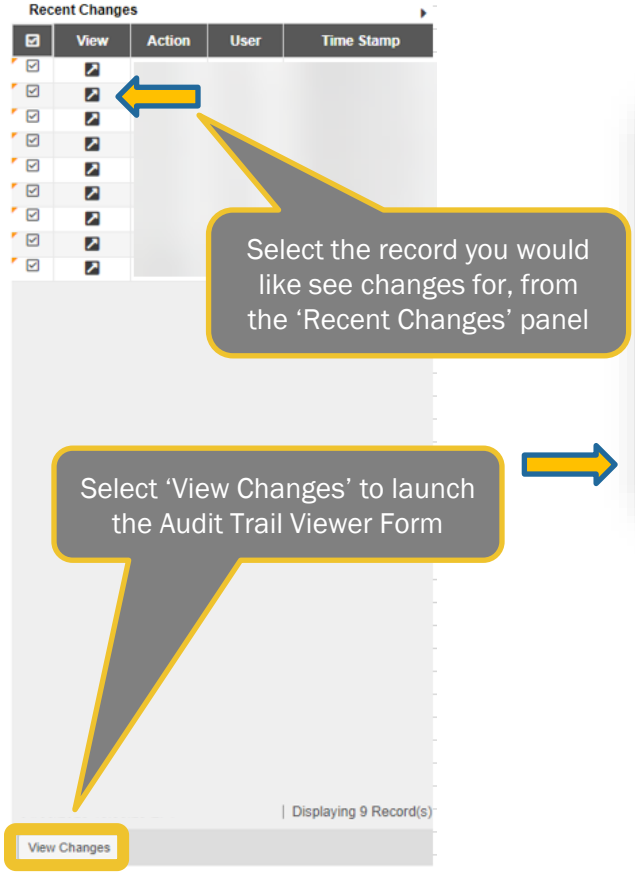
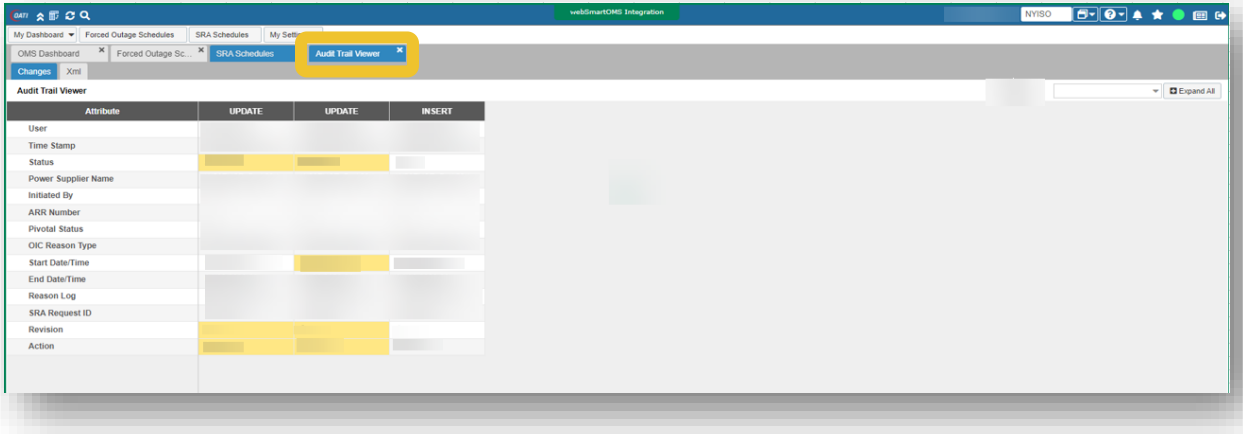
Recent Changes Panel for SRA Request





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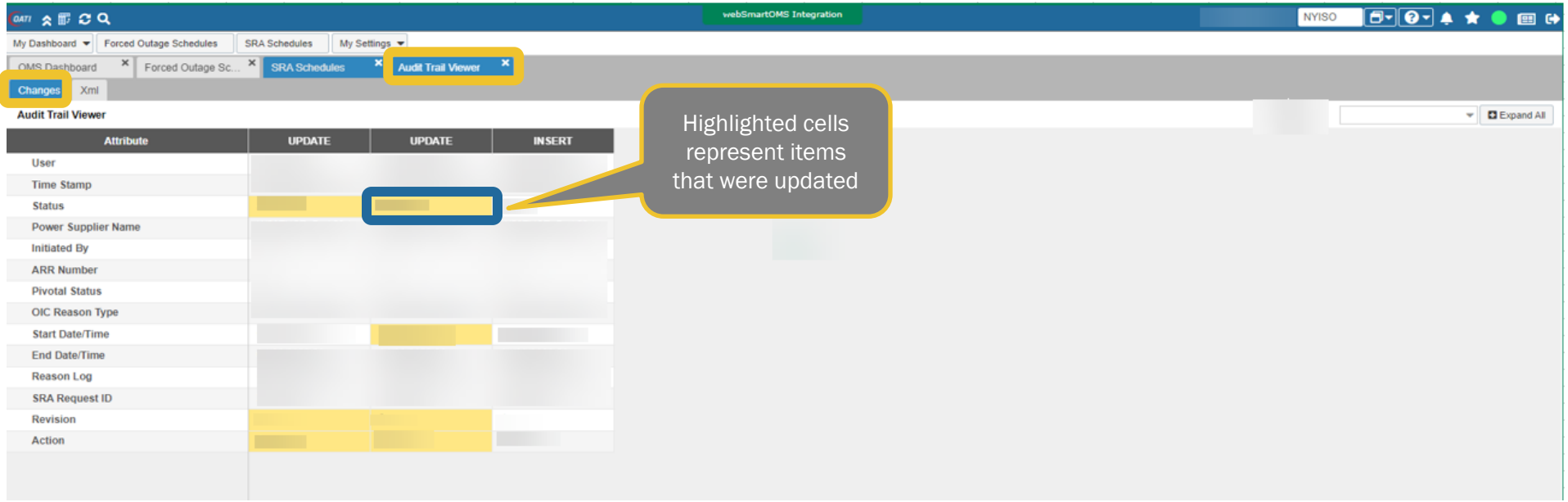
Audit Trail Viewer Form for SRA Request



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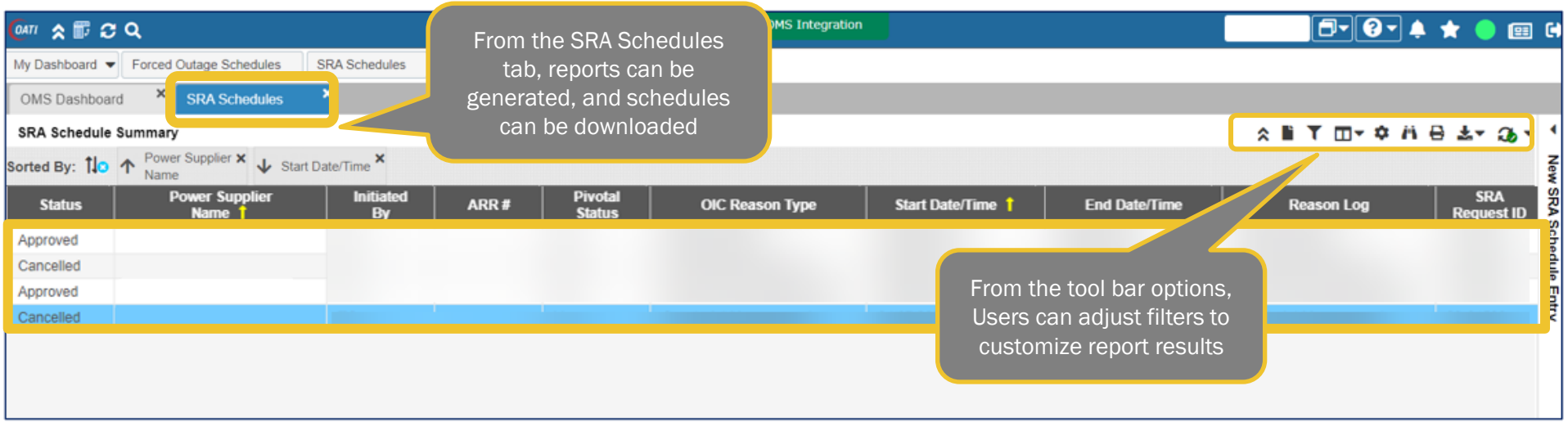
Viewing SRA Requests



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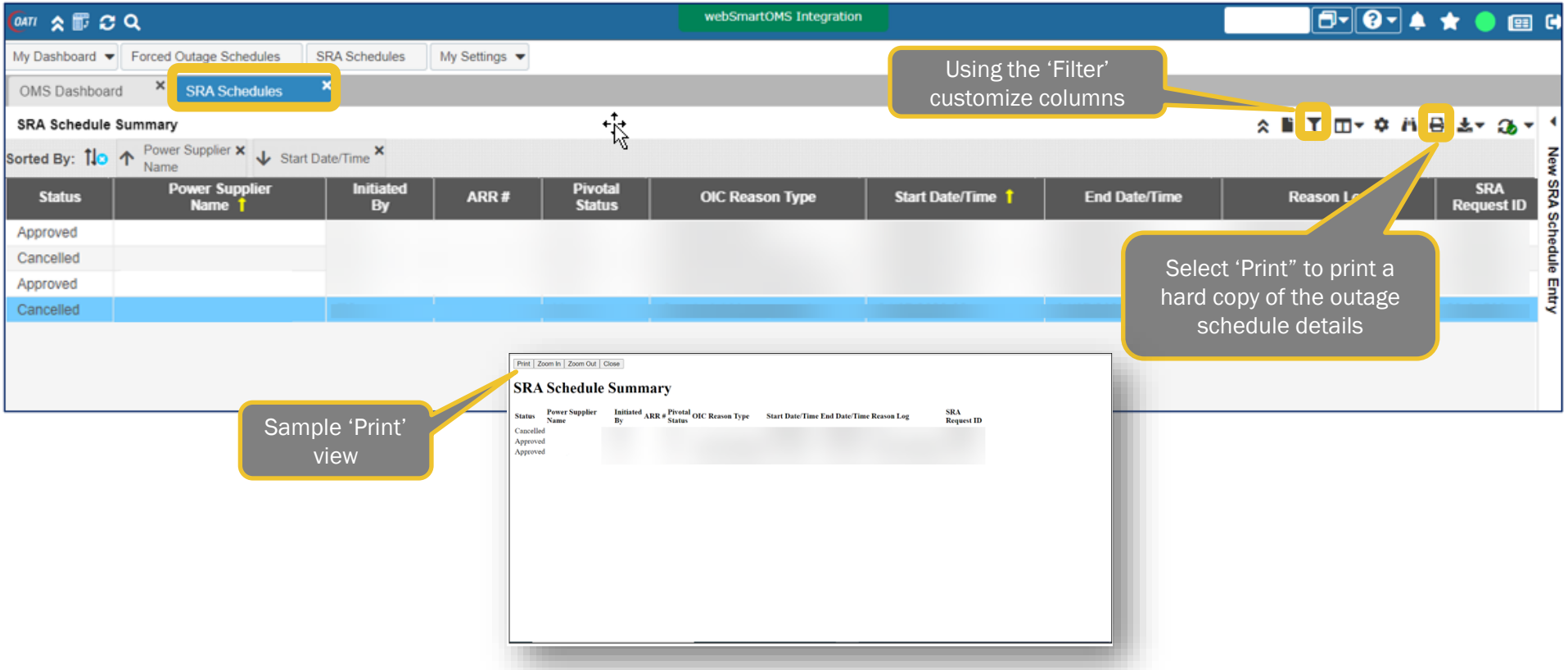
Tool Bar Options for SRA Requests



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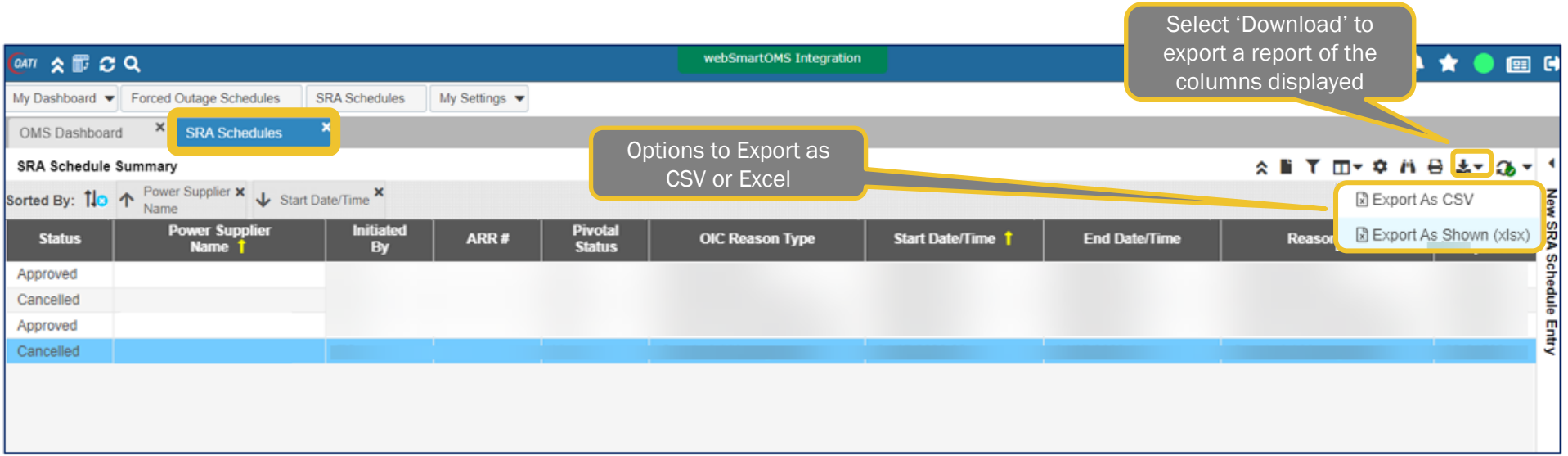
Exporting SRA Request Report Results

New York ISO



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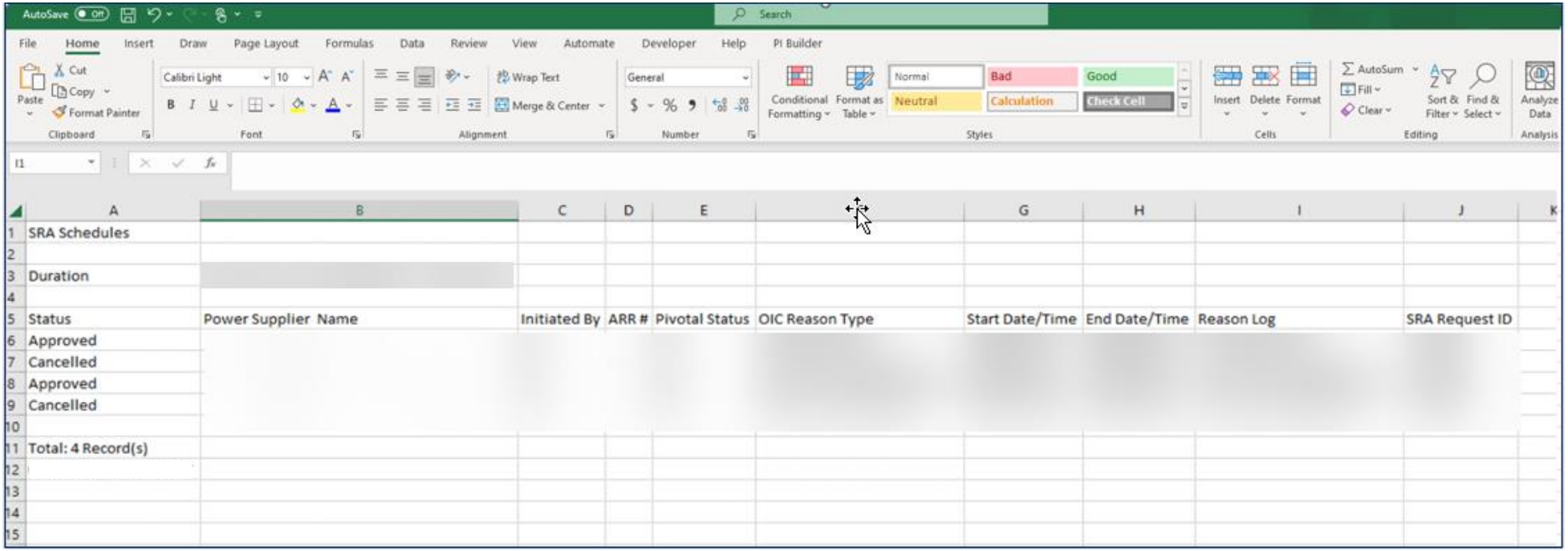
Sample View – SRA Request Exported Report



	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											

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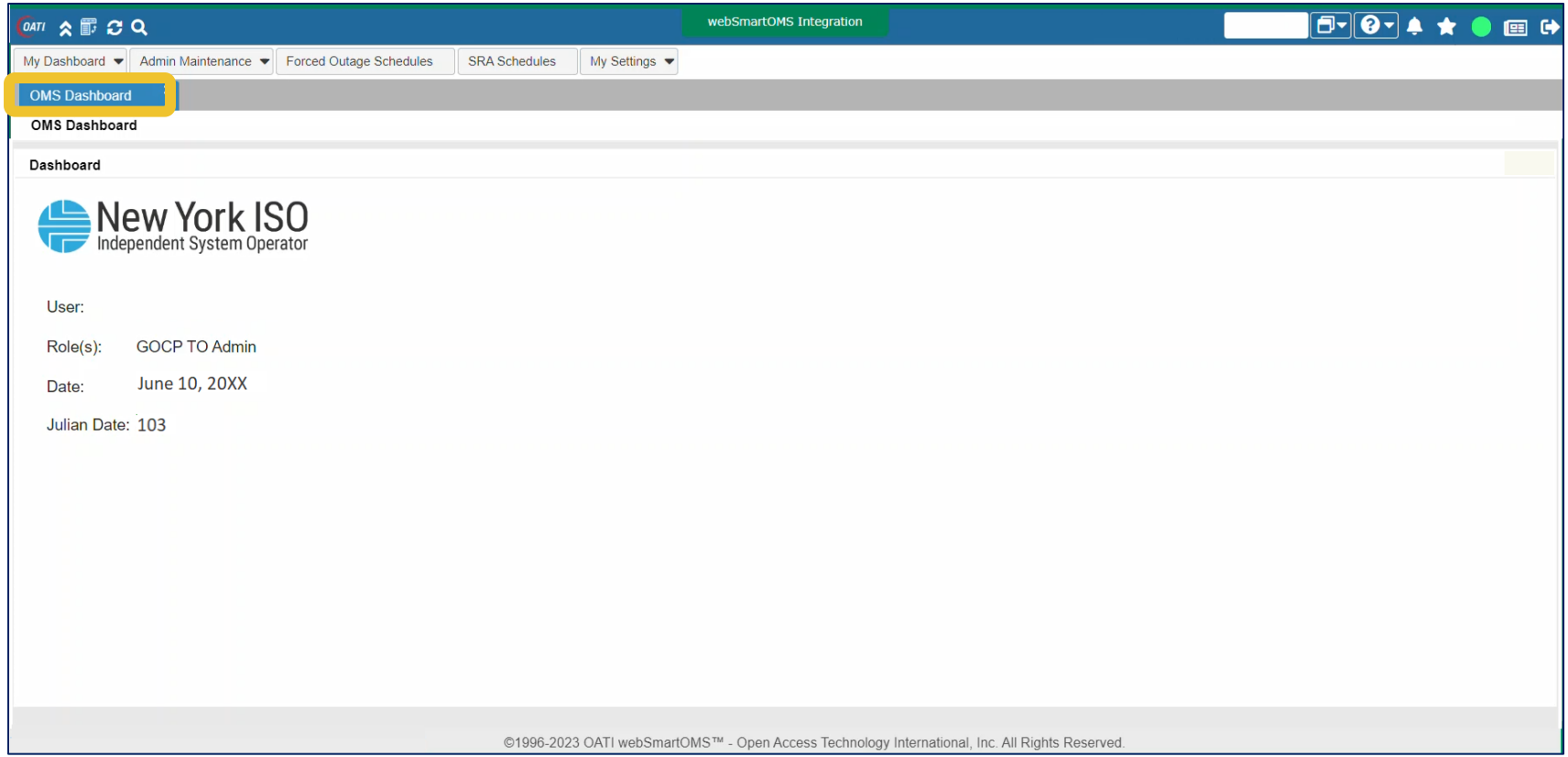
GOCP Dashboard (TO Admin)



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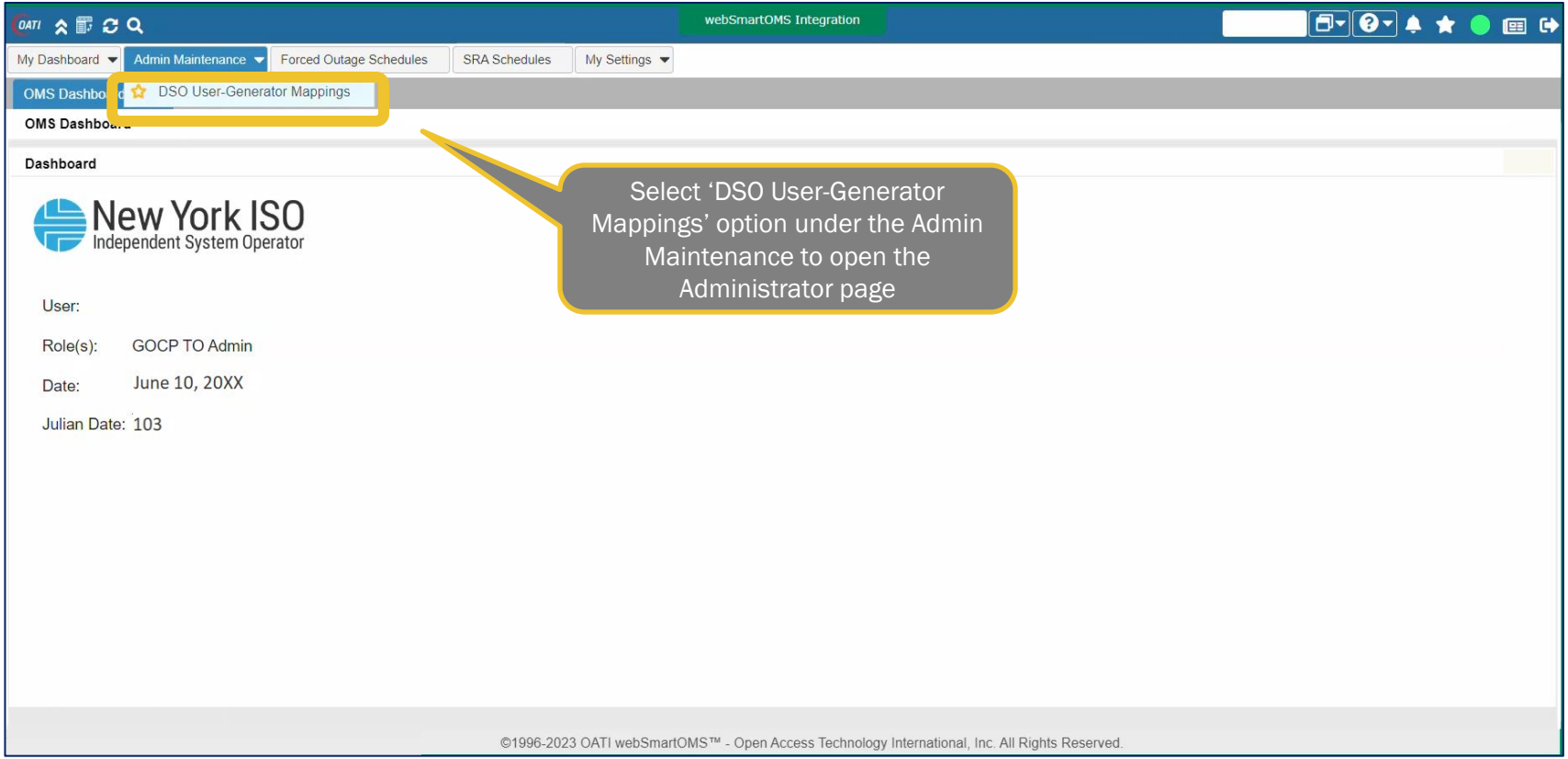
GOCP Dashboard (TO Admin)



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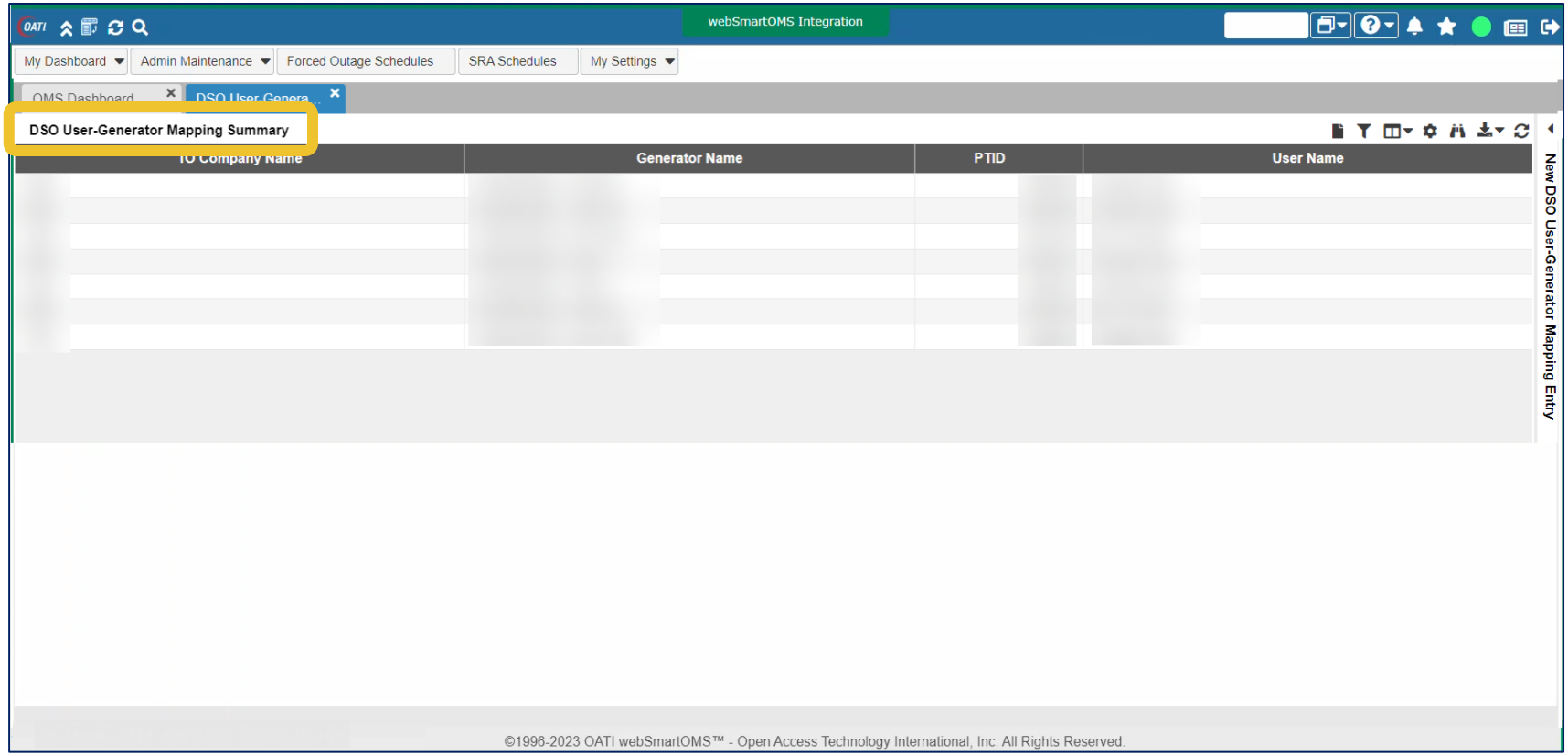
GOCP Administrator Display



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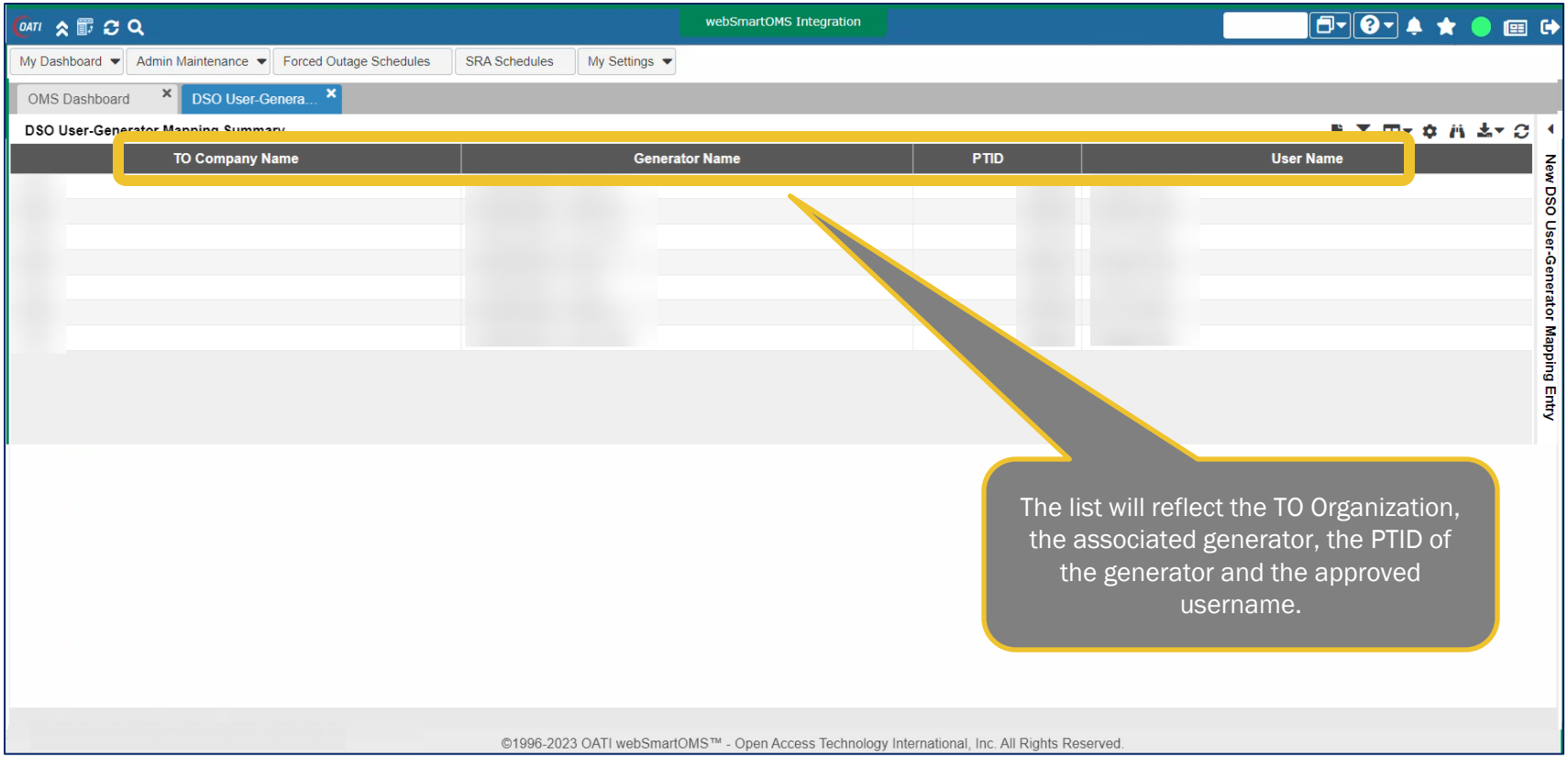
GOCP Administrator Display



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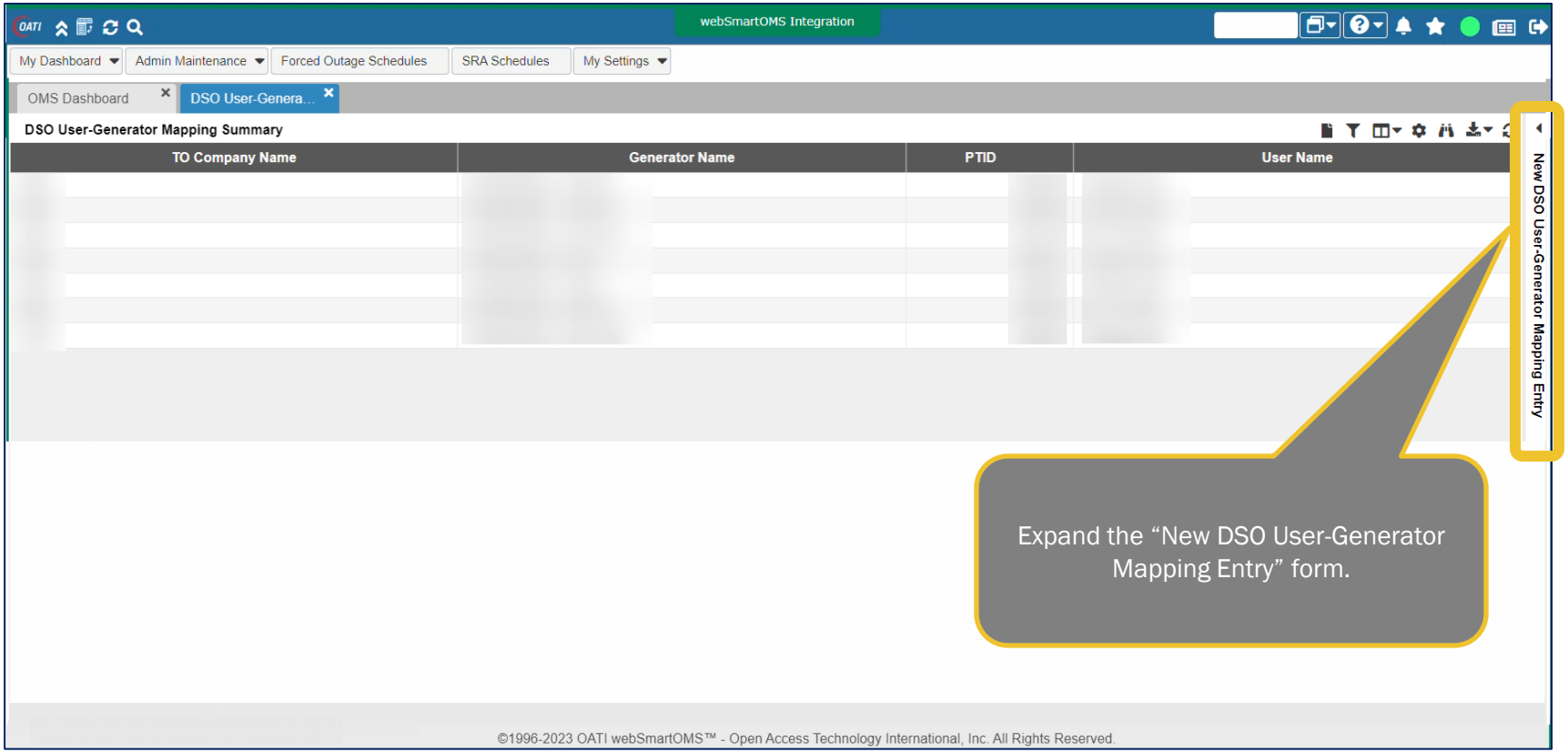
GOCP Administrator New DSO User



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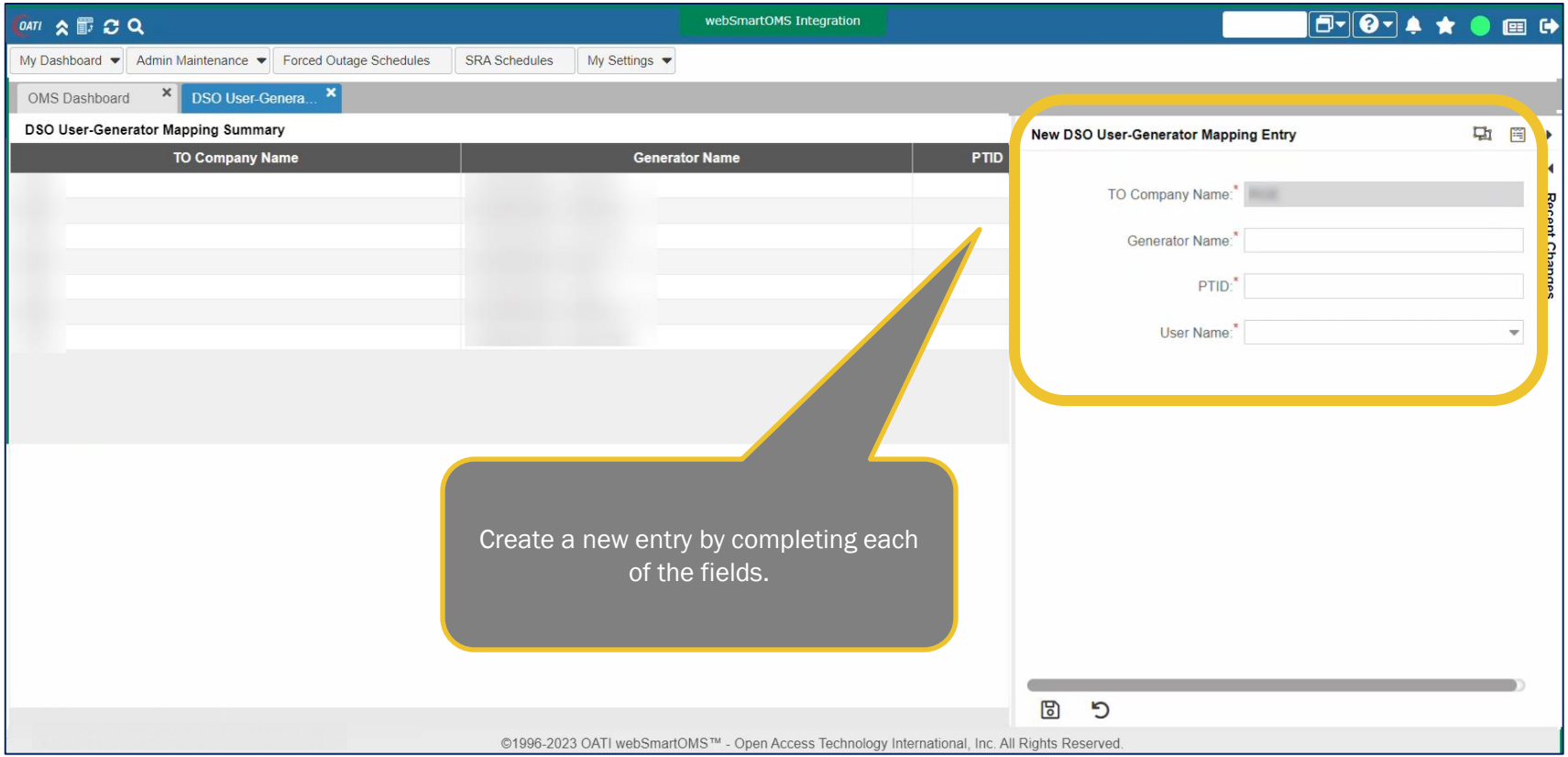
GOCP Administrator New DSO User



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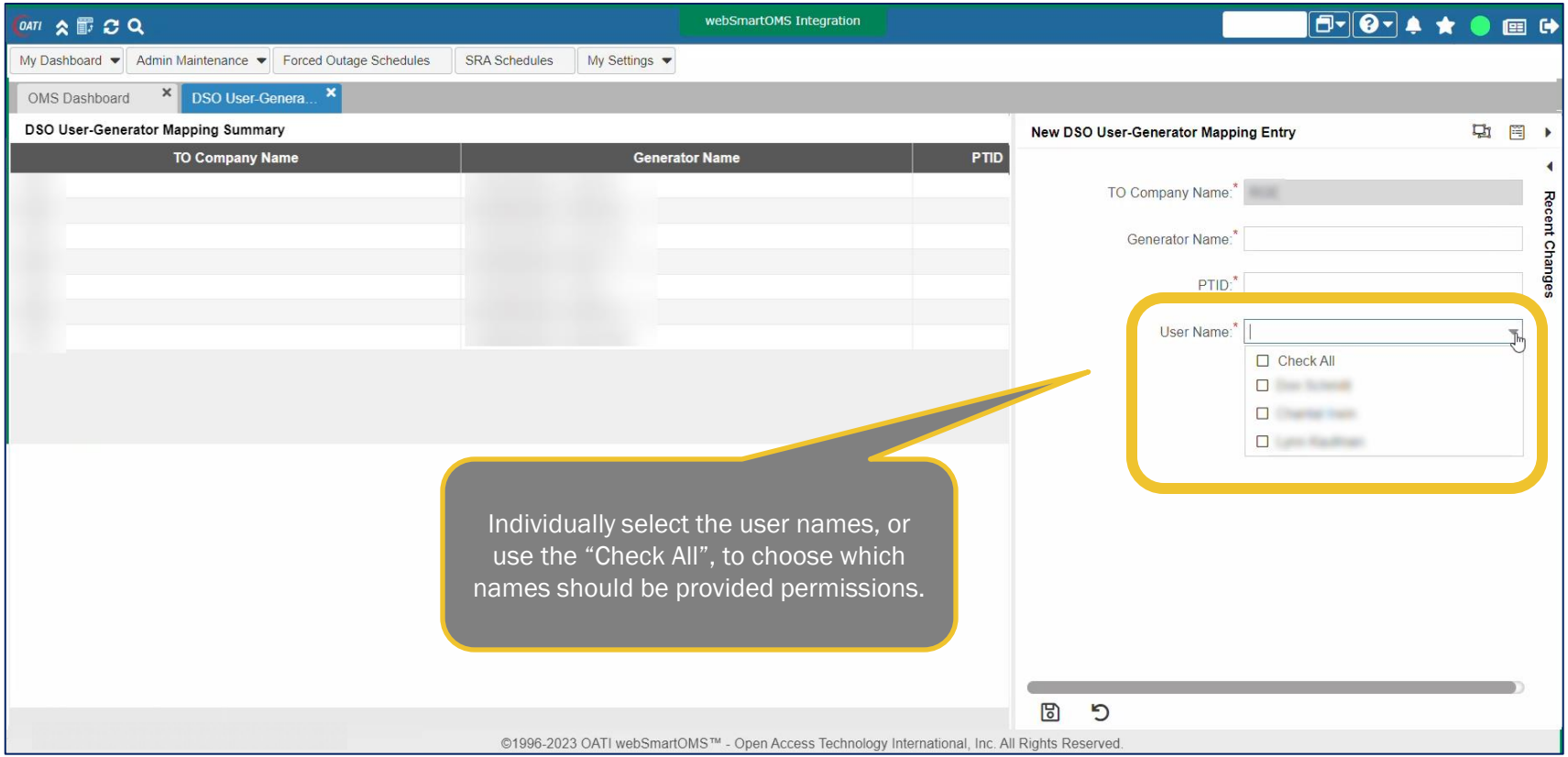
GOCP Administrator New DSO User



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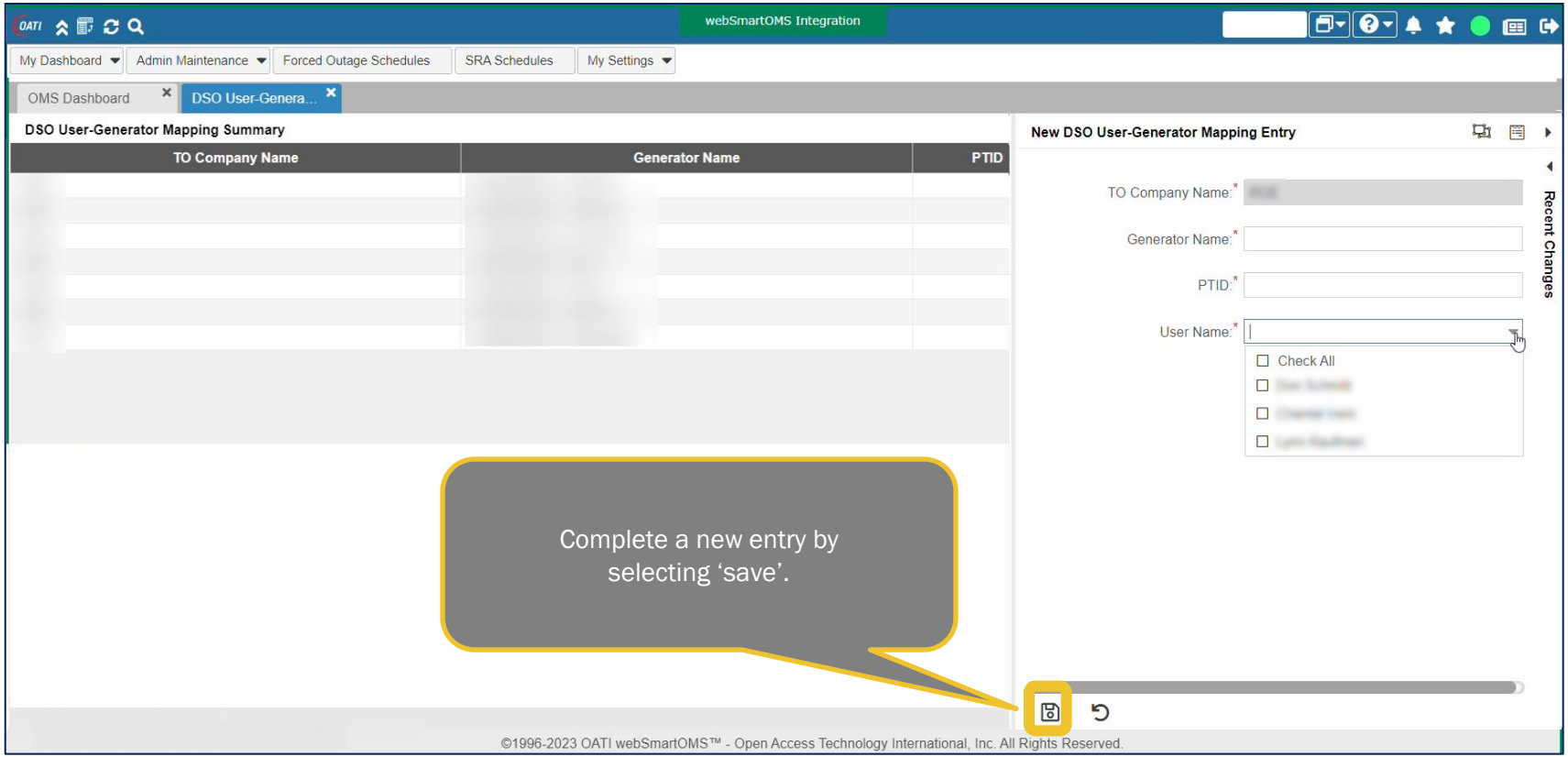
GOCP Administrator New DSO User



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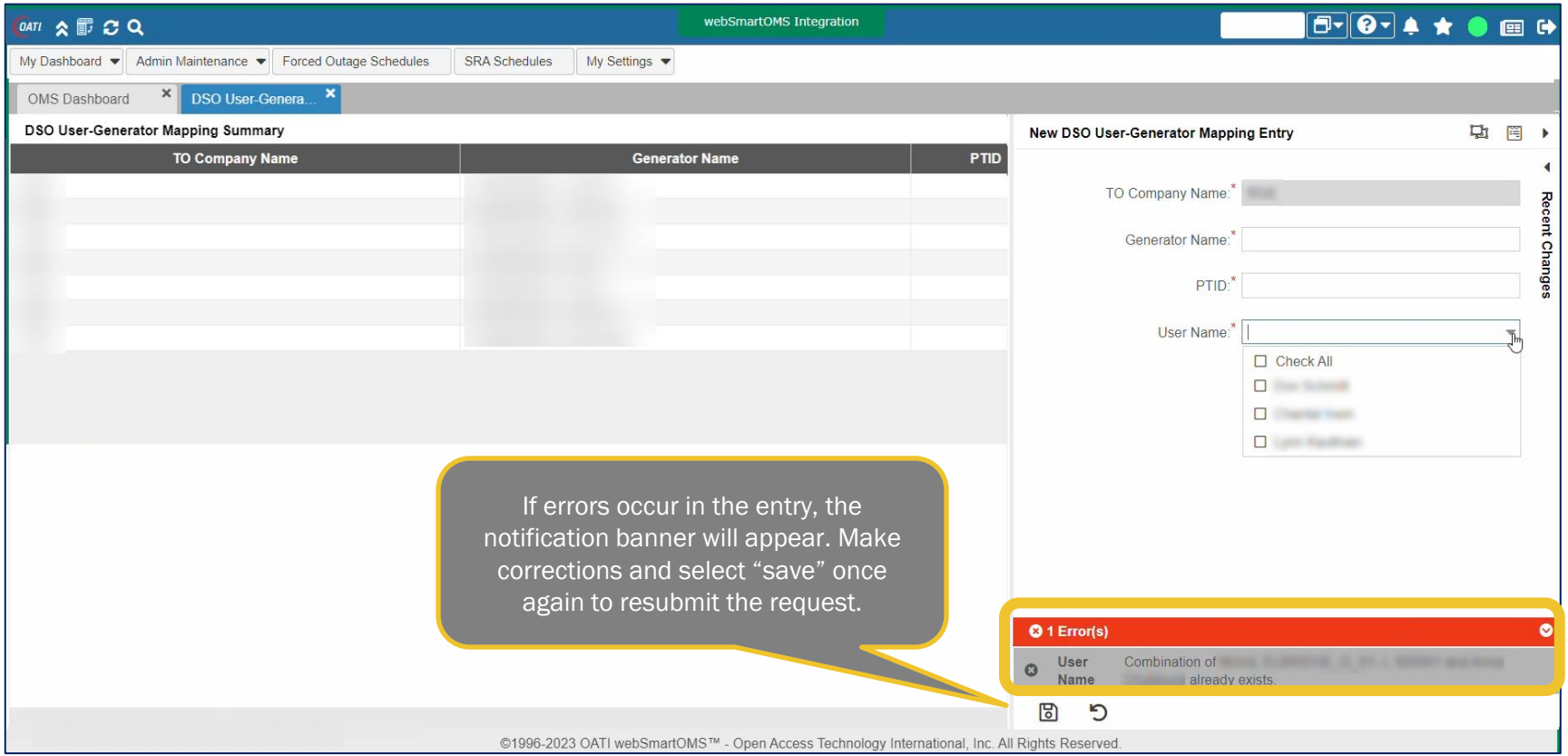
GOCP Administrator New DSO User



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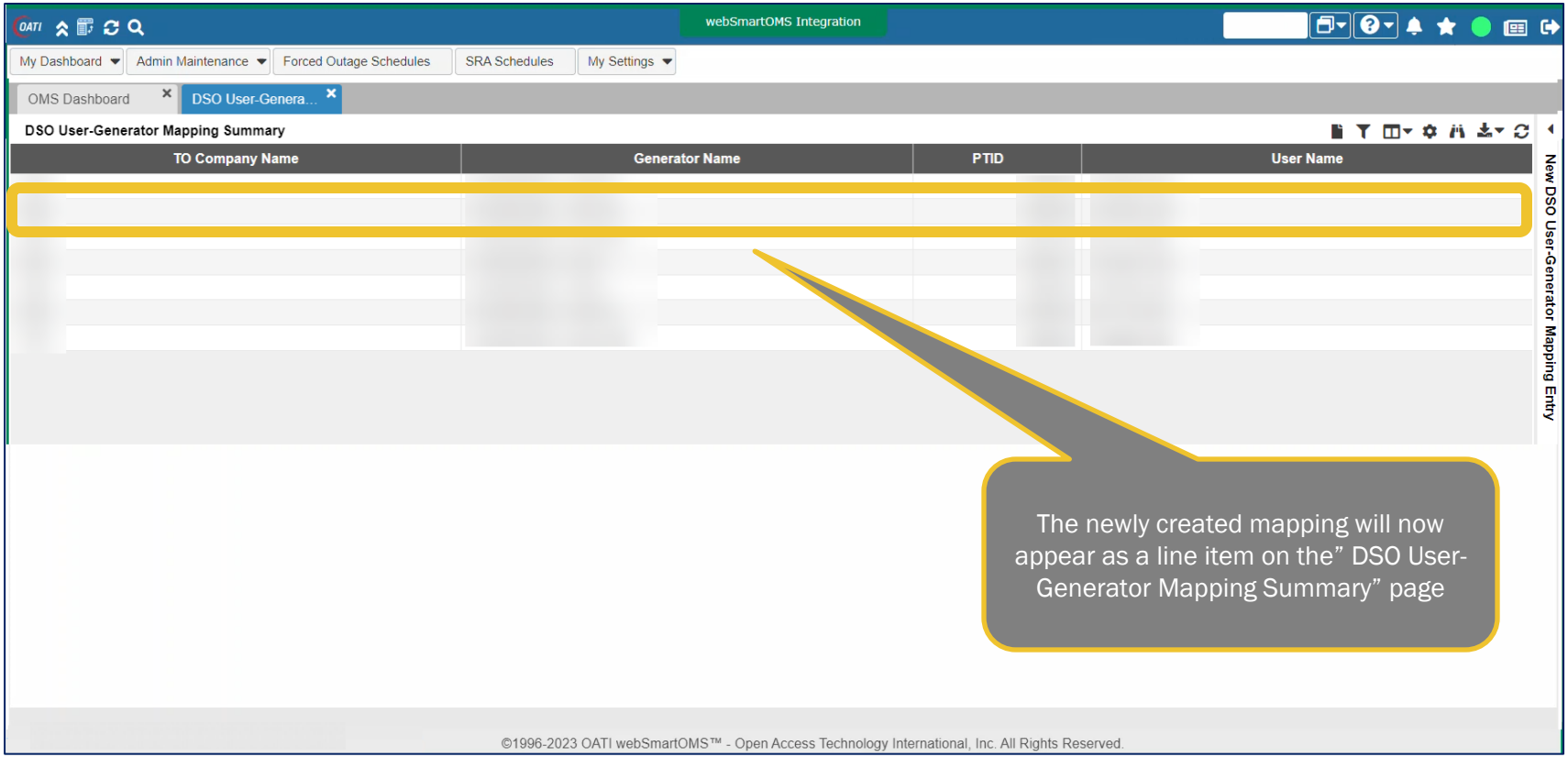
GOCP Administrator New DSO User



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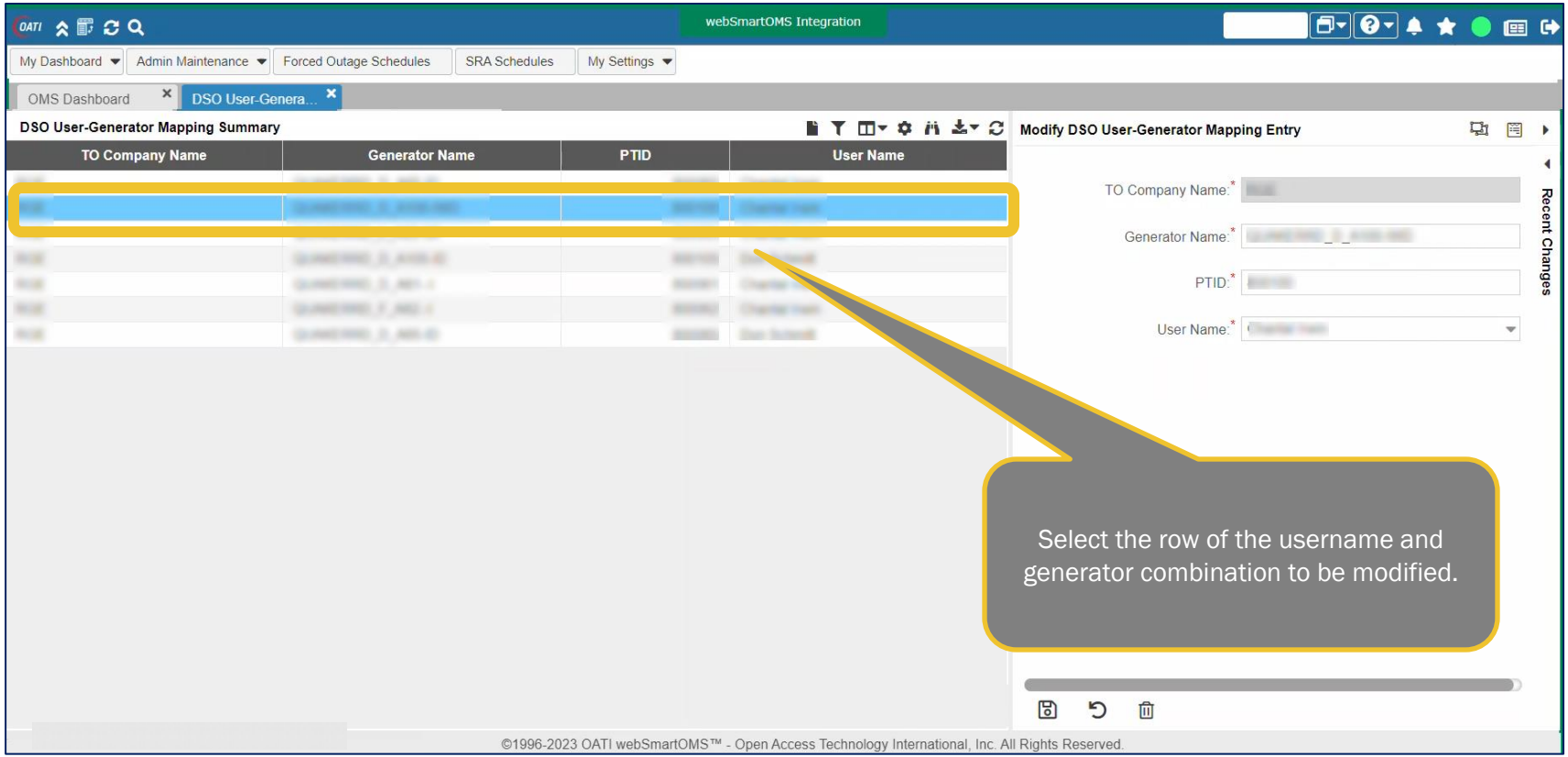
GOCP Administrator Modify DSO User



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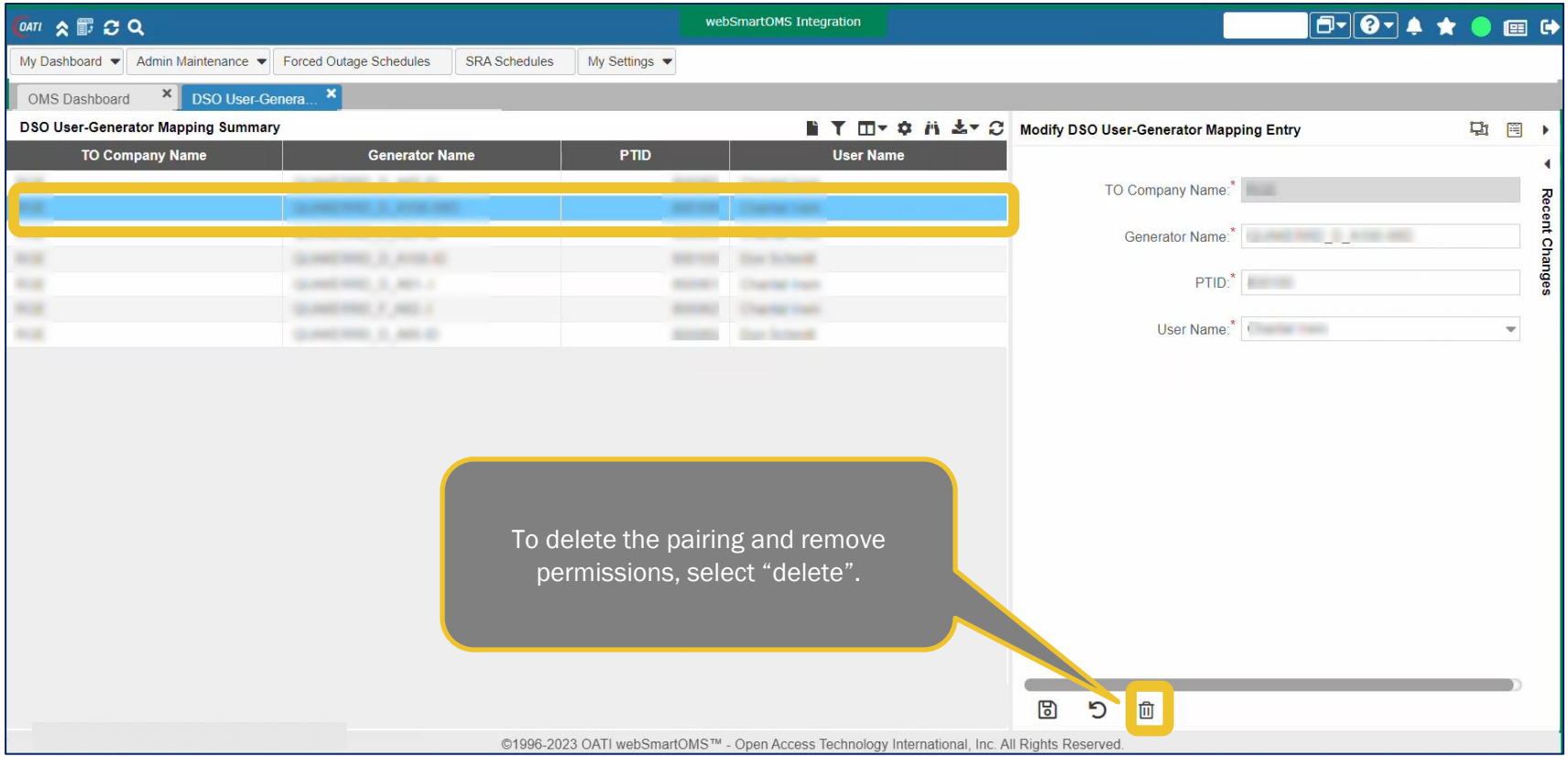
GOCP Administrator Modify DSO User



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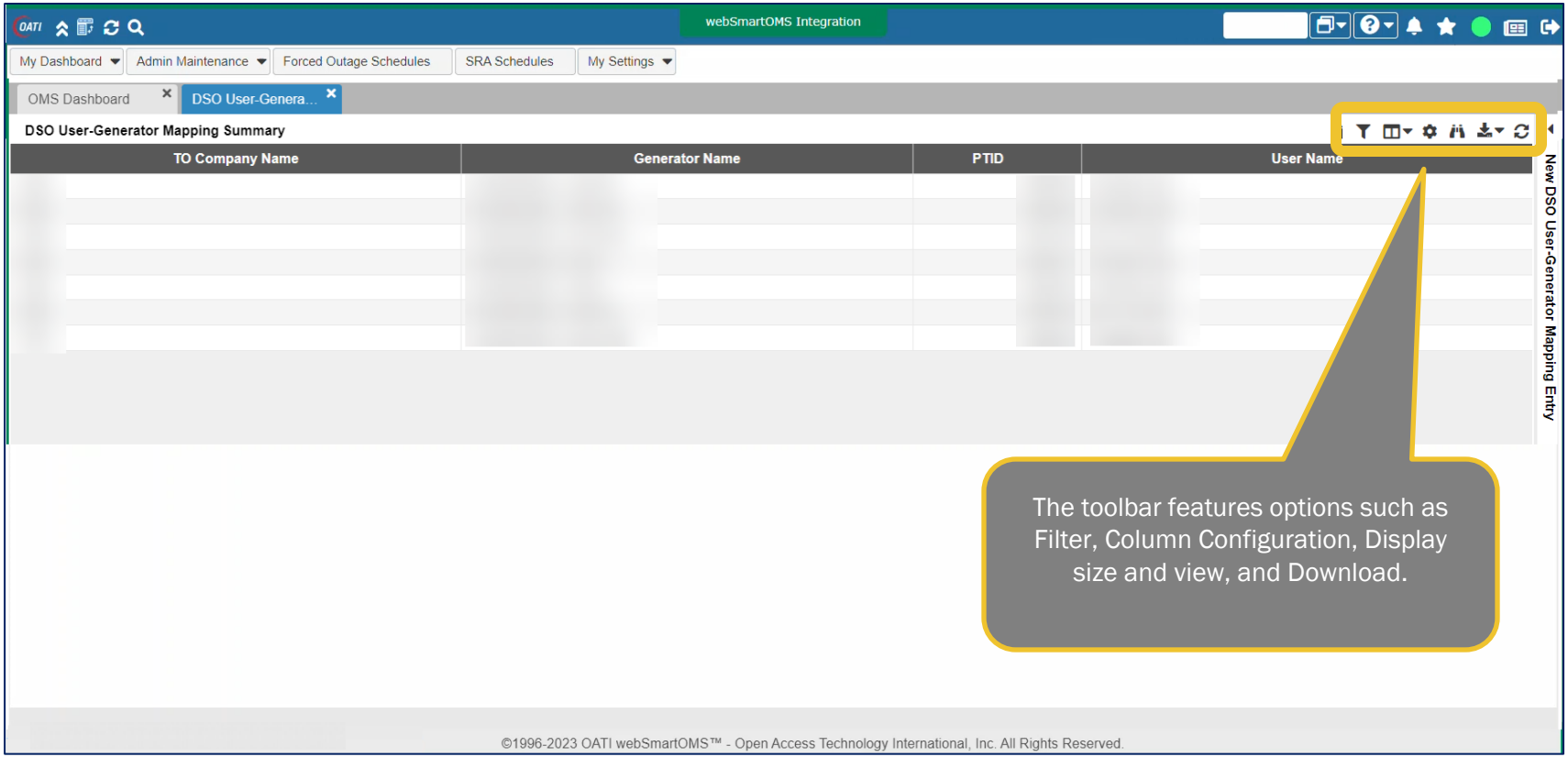
GOCP Administrator Tool Bar Options



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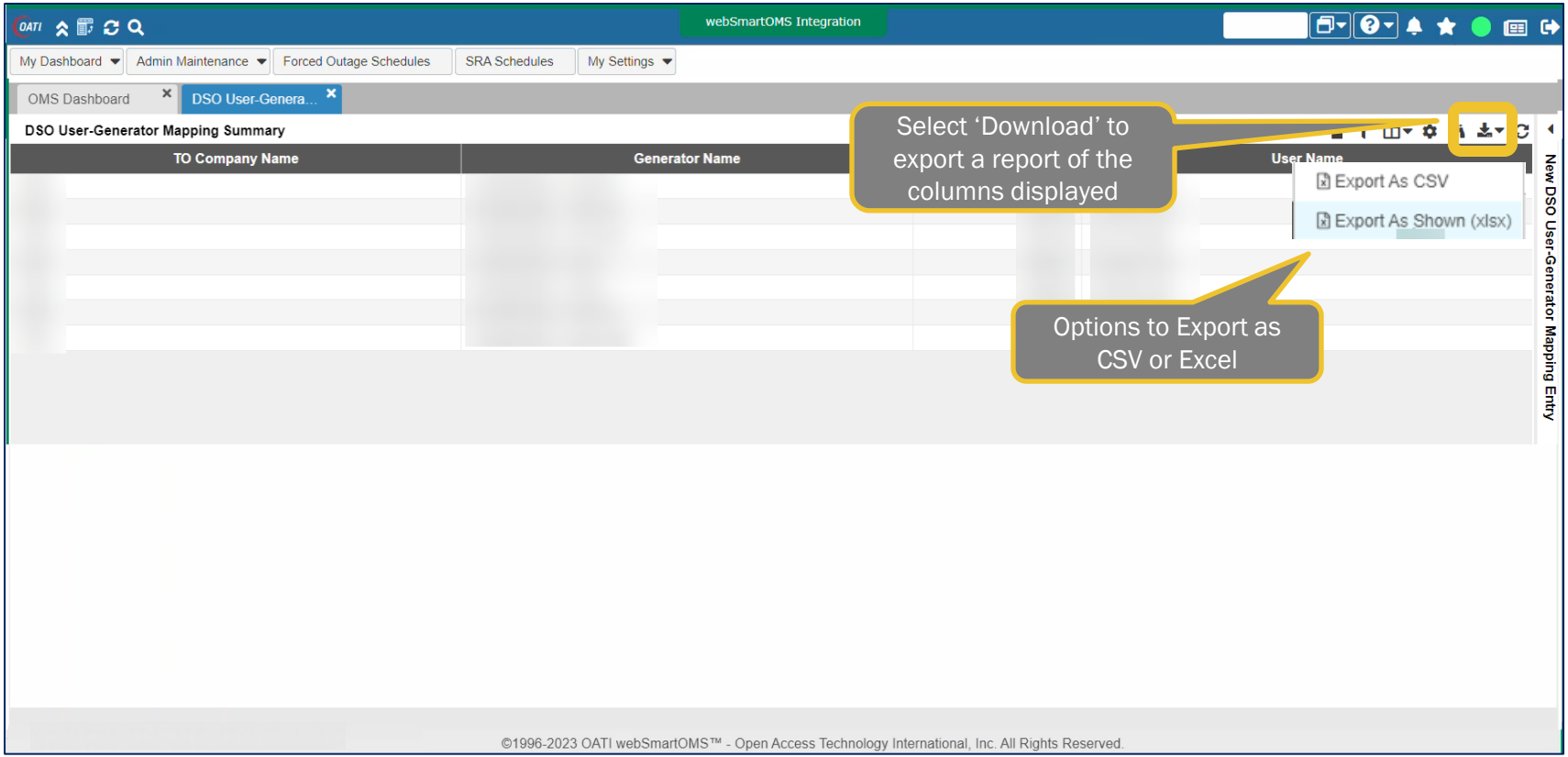
GOCP Administrator Tool Bar Options



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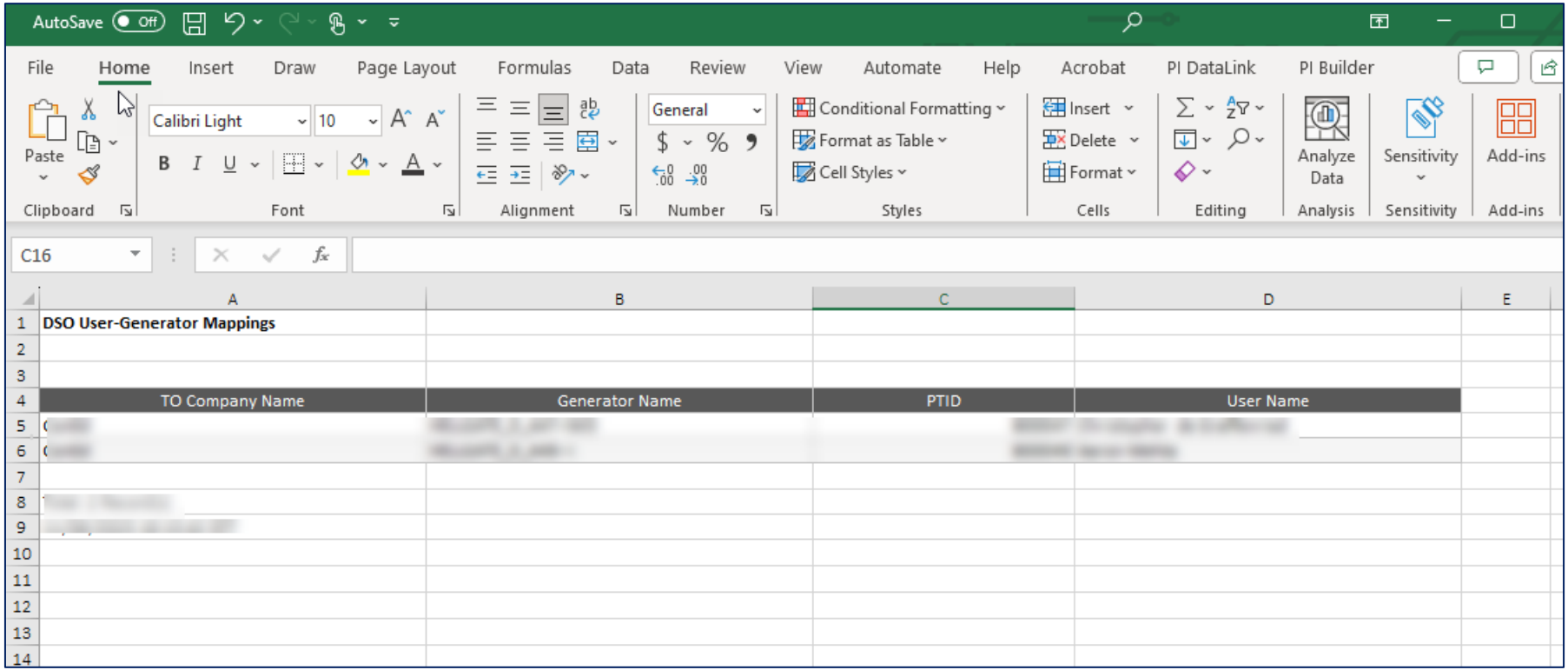
Sample View – GOCP Admin Exported Report

New York ISO



	A	B	C	D	E
1	**DSO User-Generator Mappings**				
2					
3					
4	TO Company Name	Generator Name	PTID	User Name	
5	[redacted]	[redacted]	[redacted]	[redacted]	
6	[redacted]	[redacted]	[redacted]	[redacted]	
7					
8	[redacted]				
9	[redacted]				
10					
11					
12					
13					
14					

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Additional Resources

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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

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Questions?

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

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