

Generator Modeling Survey & Update Portal

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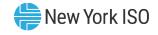
Generator Modeling Survey & Update Portal

May 2024 Webex

Agenda



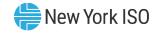
- Session Objectives
- Project Background
- GMSUP Walk-Through
 - Navigation
 - Submit a Generator Update
 - Submit a New Survey
 - User Management
- Additional Resources



Session Objectives

- Define the Generator Modeling Survey & Update Portal (GMSUP)
- Explain the Basis of the GMSUP
- Navigate the GMSUP
- Demonstrate how to submit Generator Updates
- Demonstrate how to submit Generator Surveys
- Demonstrate how to update contact details

Project Background



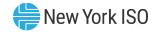
GMSUP Project Defined

Generator Modeling Surveys & Updates Portal (GMSUP)

The GMSUP allows Generator Owners to submit the required Annual Generator Survey data in a secure manner.

The GMSUP allows Generator Owners to update their generator modeling data any time during the year, other than just the survey period.

The GMSUP allows Generator Owners to update their contacts to communicate effectively with the NYISO Systems Modeling Team.



GMSUP Project Benefits

Generator Modeling Surveys & Updates Portal (GMSUP)

- User Friendly
- Secure
- Web-based
- Ease of Application
- Allows Generator Owners direct communication with the NYISO System Modeling Team



GMSUP Project Details

Generator Modeling Survey & Update Portal (GMSUP)

GMSUP Users

- Assigned Generator Users
- Assigned Generator Communication Users

Project Timeline

- May 2024 GMSUP Webex Trainings
 - Attend a training
- June 2024 Early Access to GMSUP
 - Verify Generator and Contact details in the GMSUP
 - GMSUP will be locked end of June in preparation for the Annual Generator Survey.
- September 2024 Annual Survey Launched through GMSUP
 - Return completed survey by assigned Q4 date

GMSUP Project Basis



Reliability Based Requirements

- North American Electric Reliability Corporation (NERC)
 - MOD-026
 - Verification of Models and Data for Generator Excitation Control System or Plant Volt/Var Control Functions
 - MOD-027
 - Verification of Models and Data for Turbine/Governor and Load Control or Active Power/Frequency Control Functions
 - MOD-032
 - Data for Power System Modeling and Analysis



GMSUP Project Basis



Reliability Based Requirements

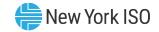
- New York State Reliability Council (NYSRC)
 - NYSRC I.4 (R1 & R3) Transmission Data
 - The NYISO shall establish and maintain procedures for the development and maintenance of load flow, short circuit, and stability data bases.



GMSUP Walk-Through

Navigation

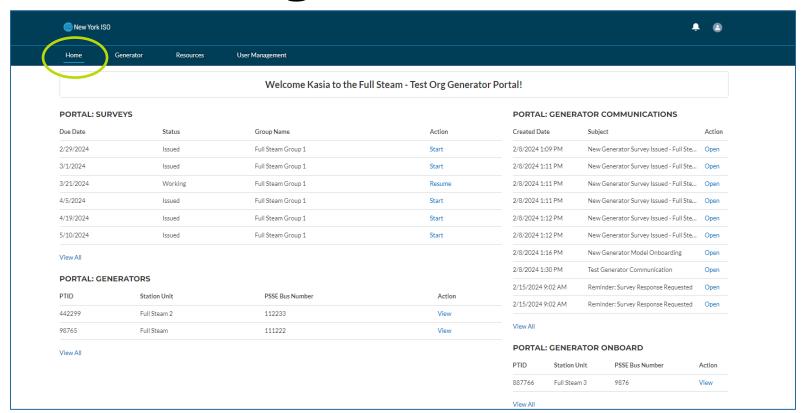


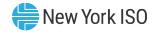


GMSUP User Login

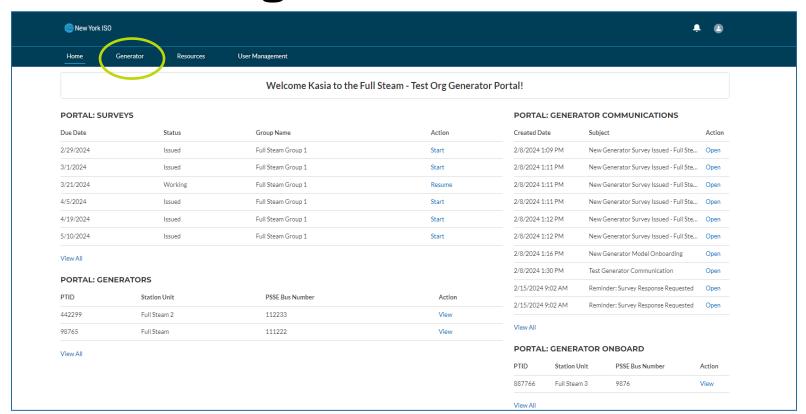
- Initial username will be provided
- Obtain GMSUP login link from Stakeholder Services
- Complete sign in through a secure connection

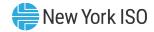


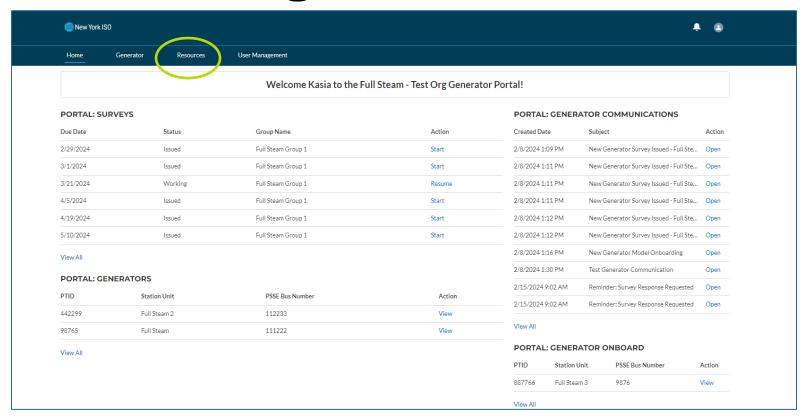




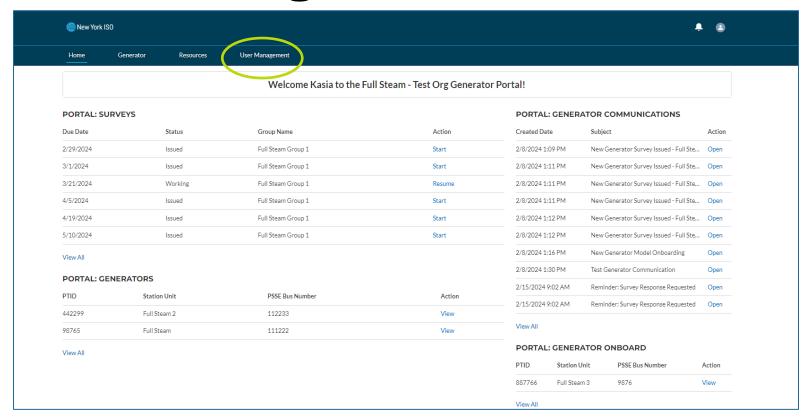
GMDP Home Page

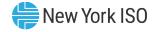


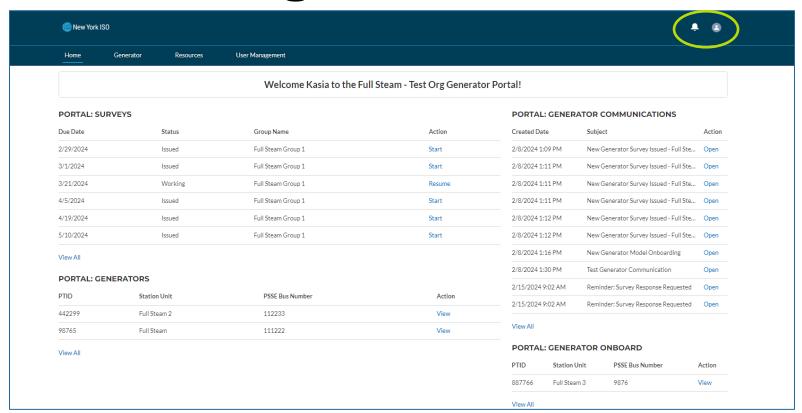




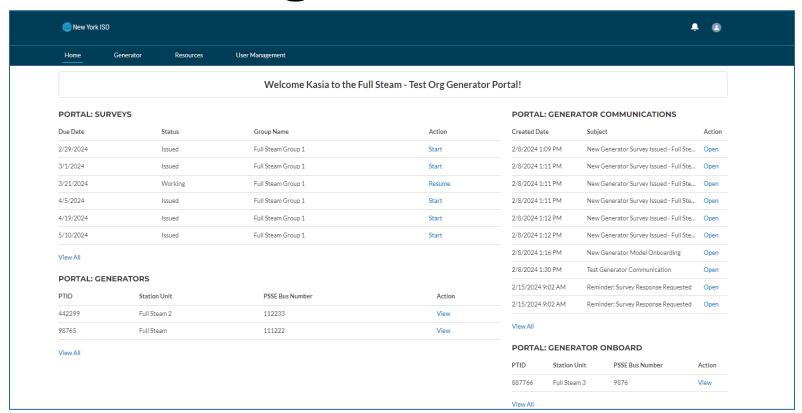


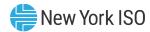




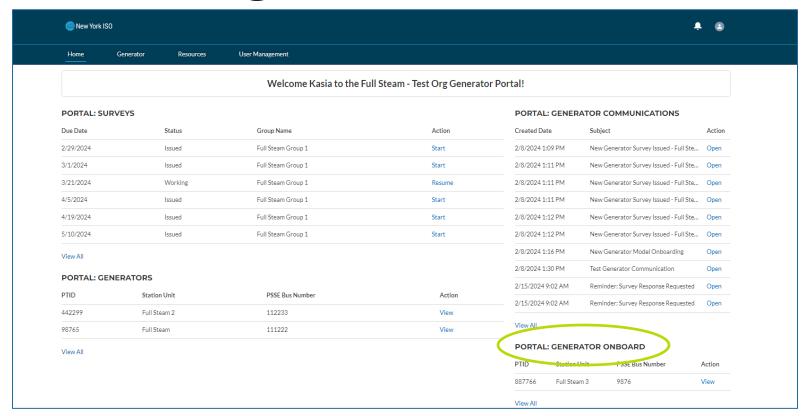






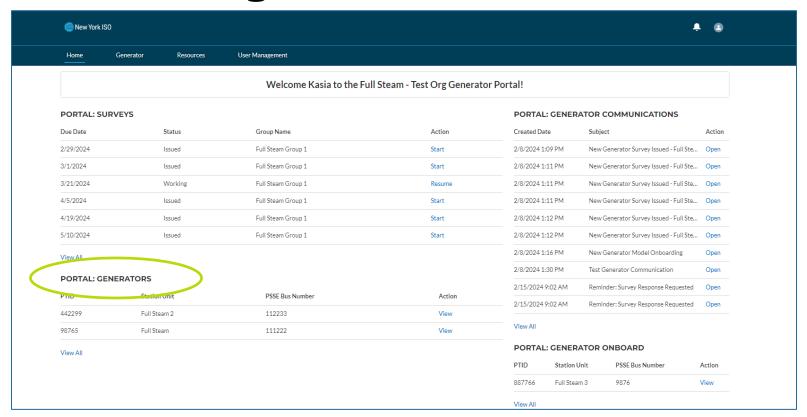


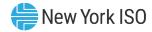
GMSUP Home Page - Generator Onboard



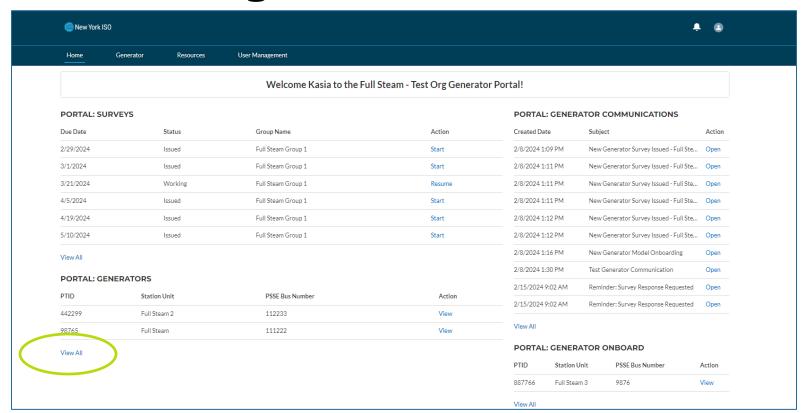


GMSUP Home Page - Generators





GMSUP Home Page - Generators



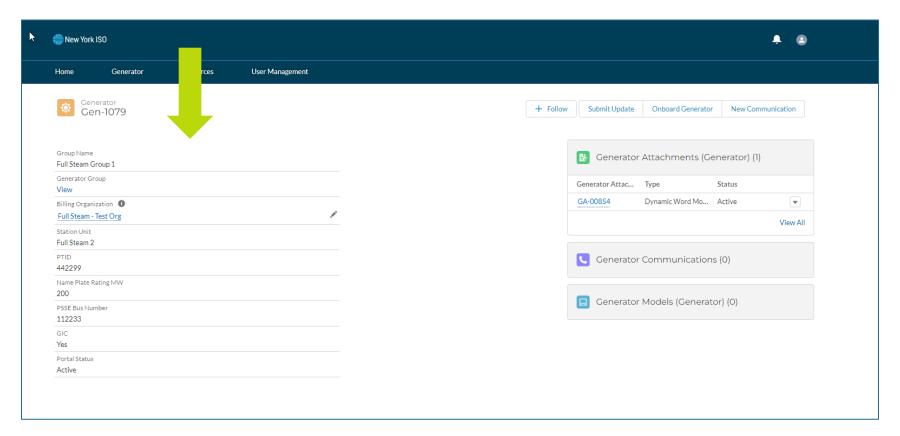


GMSUP Dashboard - Generators



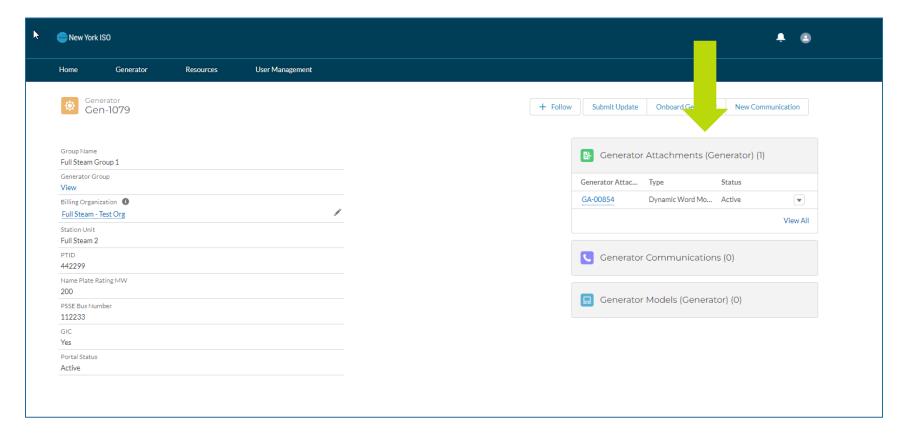


GMSUP Dashboard - Generator Details



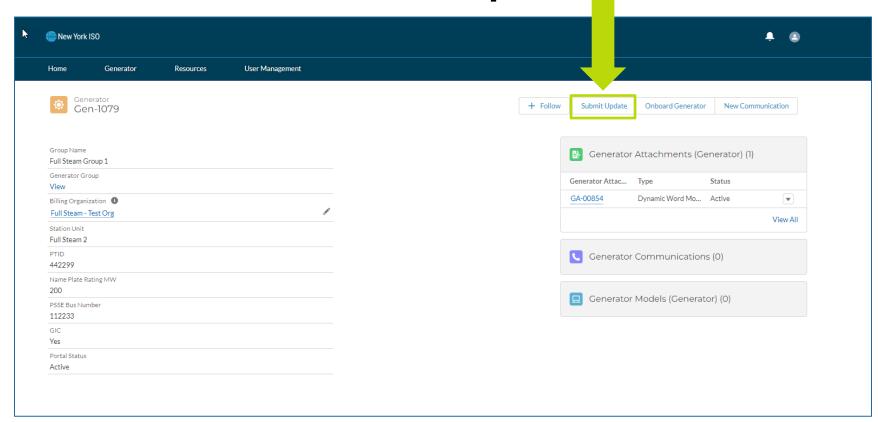


GMSUP Dashboard – Generator Details



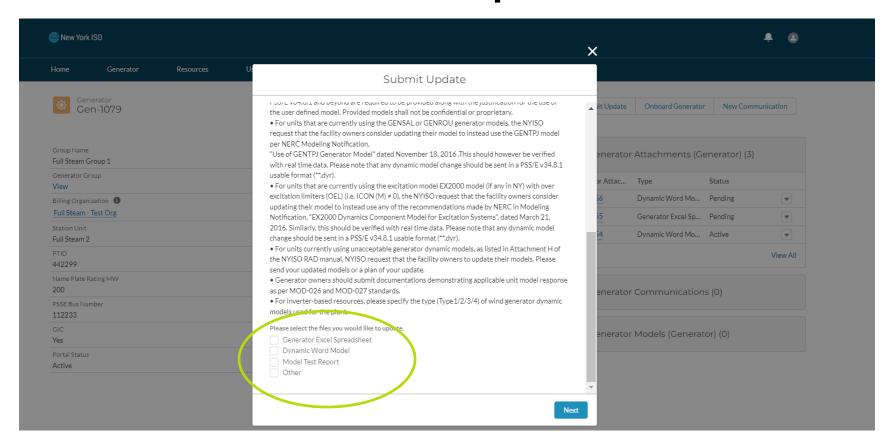


GMSUP Dashboard – Submit Update



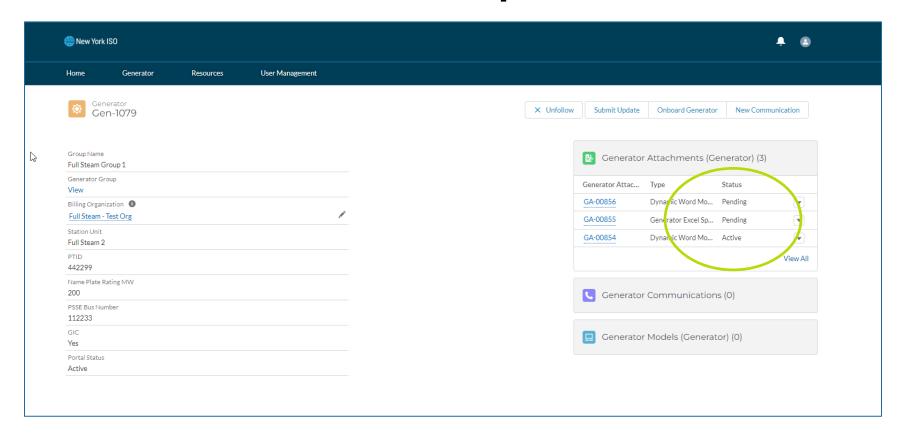


GMSUP Dashboard – Submit Update



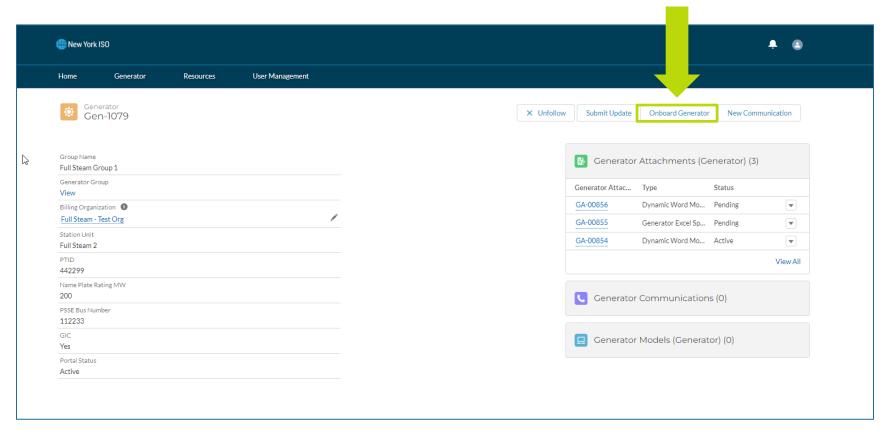


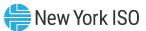
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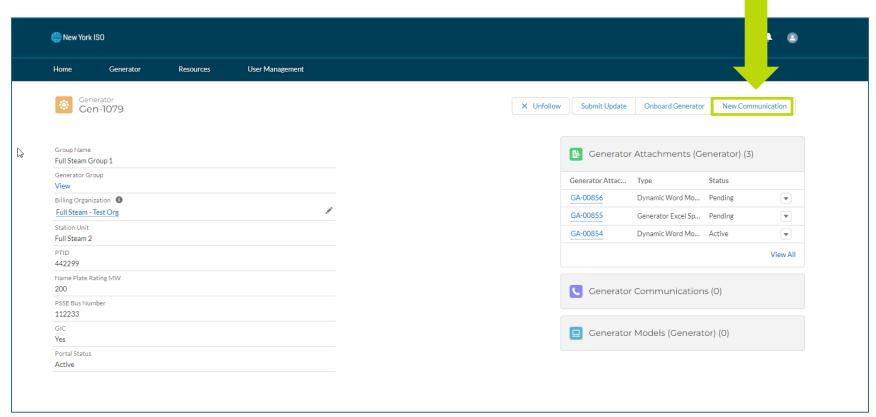


GMSUP Dashboard – Onboard Generator



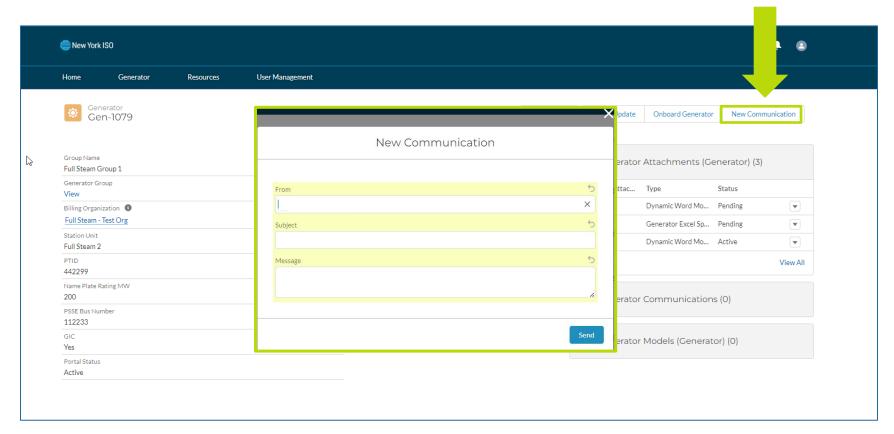


GMSUP Dashboard - New Communication



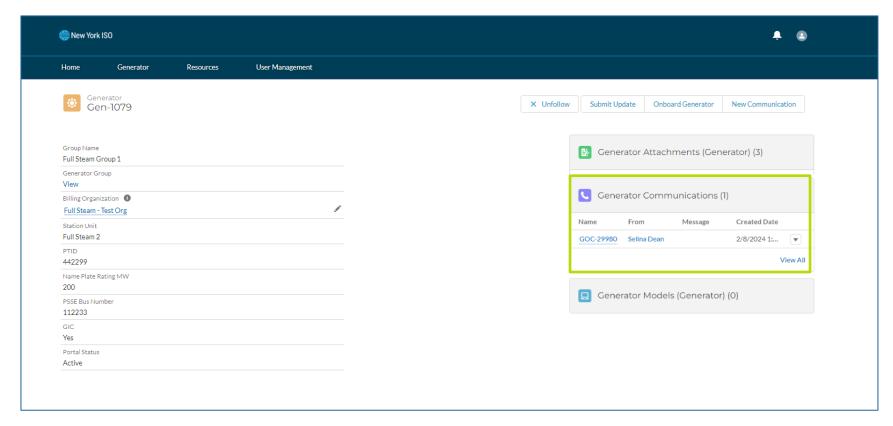


GMSUP Dashboard - New Communication



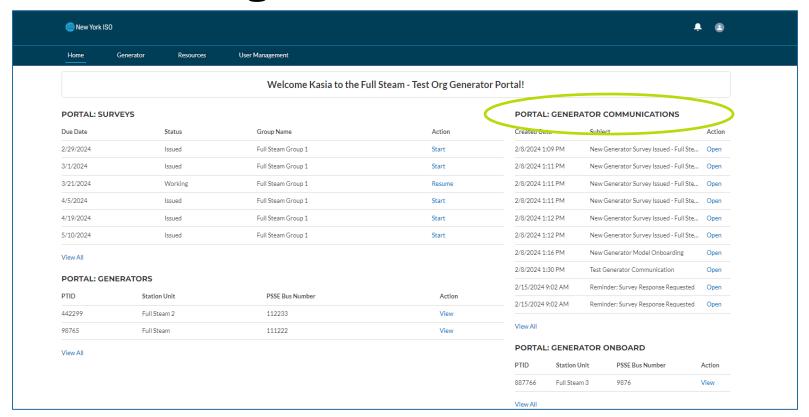


GMSUP Dashboard – New Communication



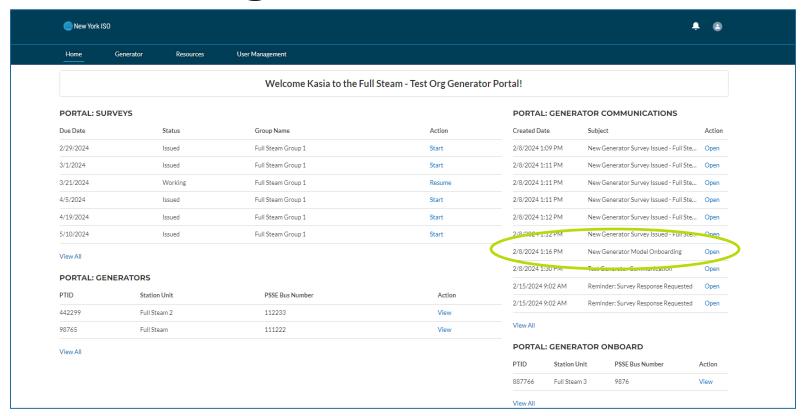


GMSUP Home Page – Gen Communications



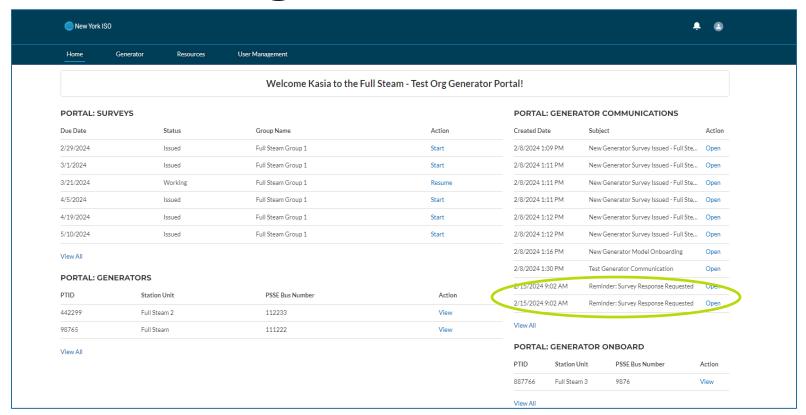


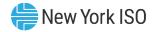
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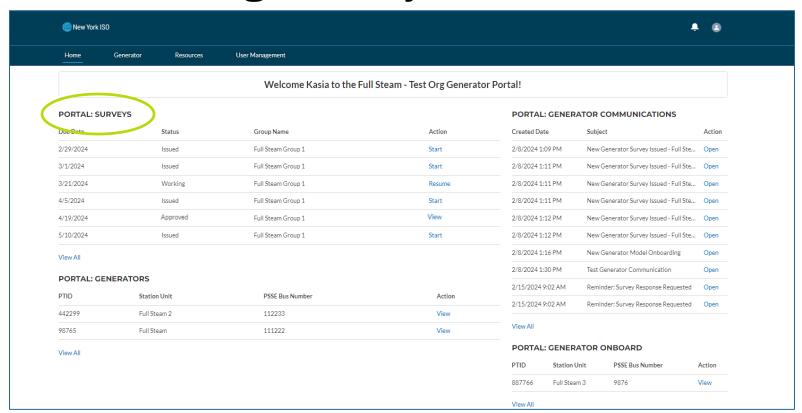


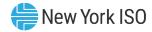
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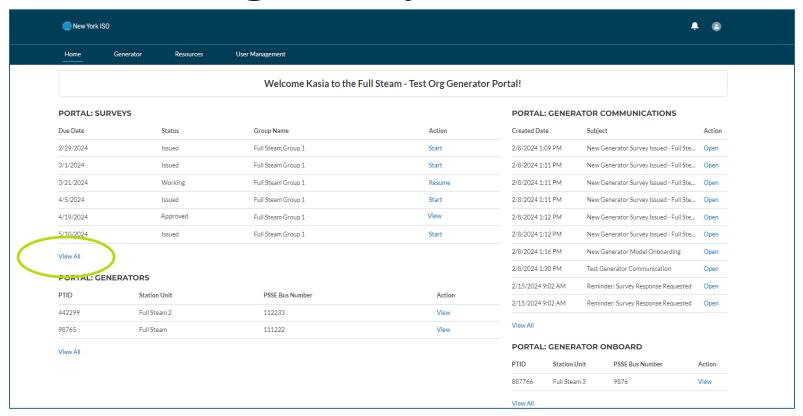


GMSUP Home Page - Surveys

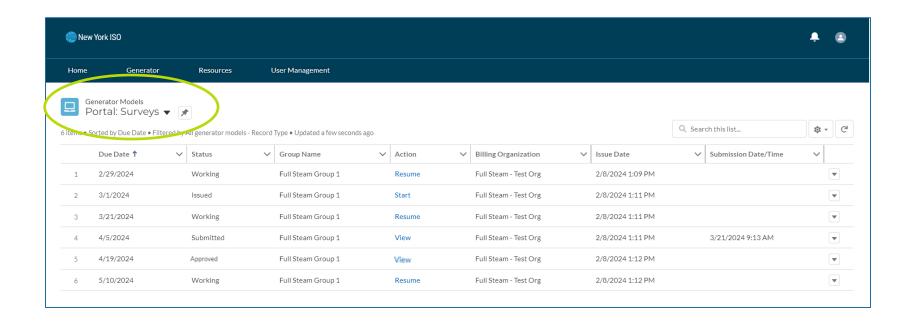




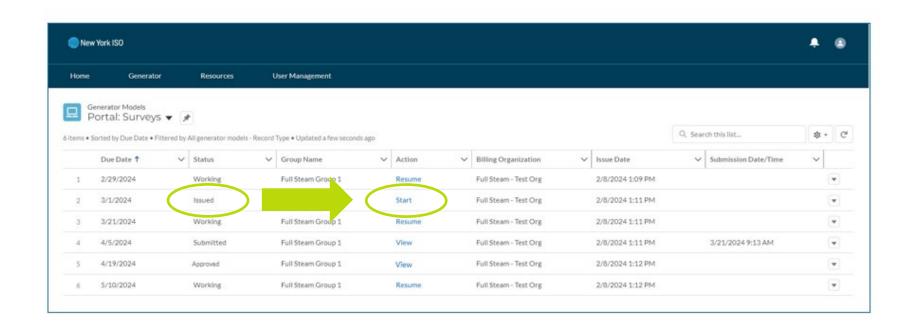
GMSUP Home Page - Surveys



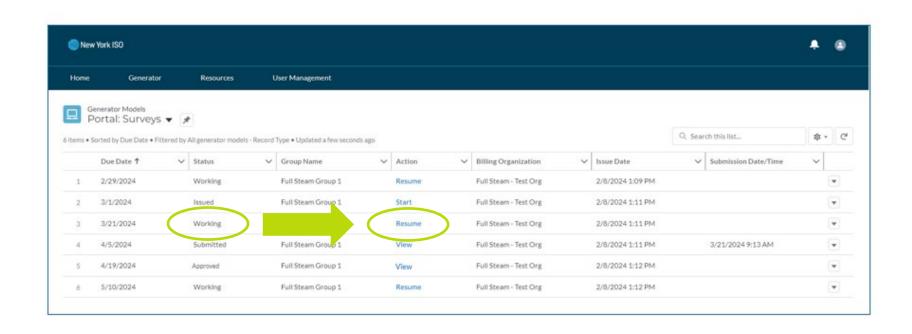




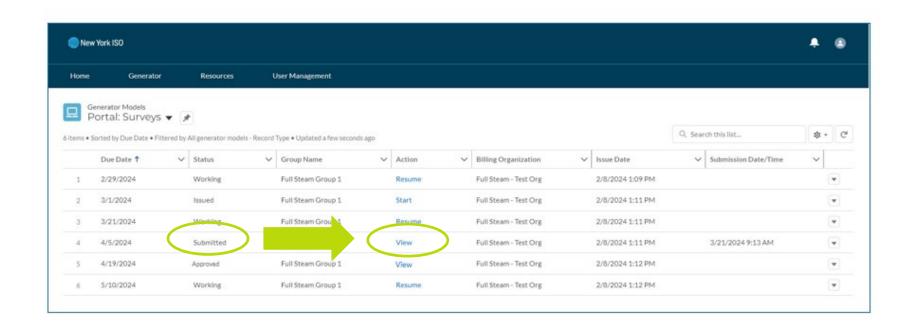




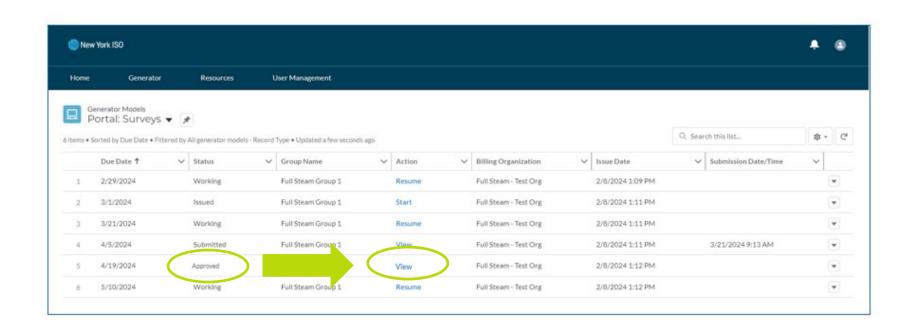






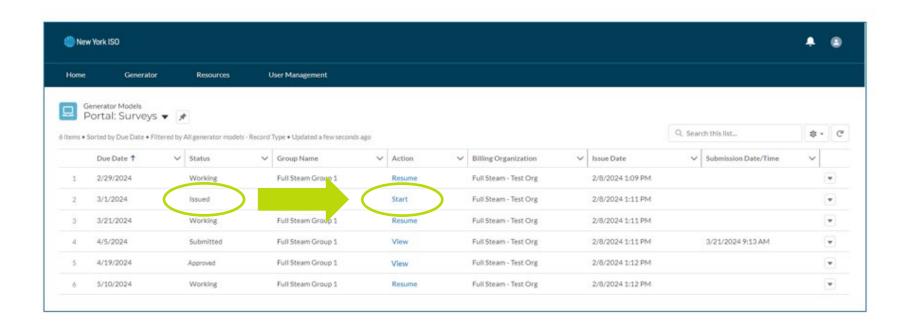




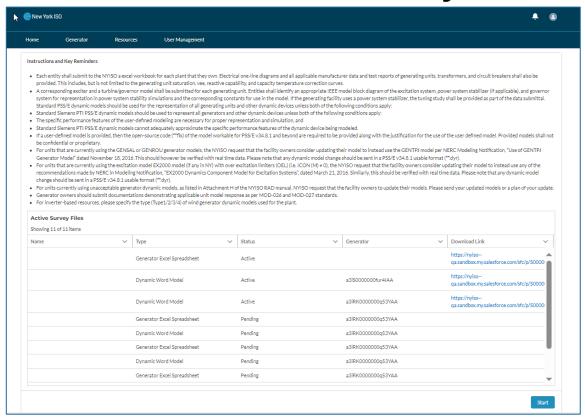


Submit a New Survey





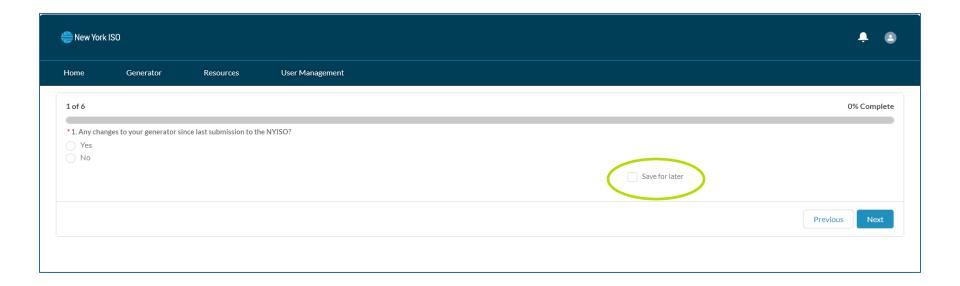








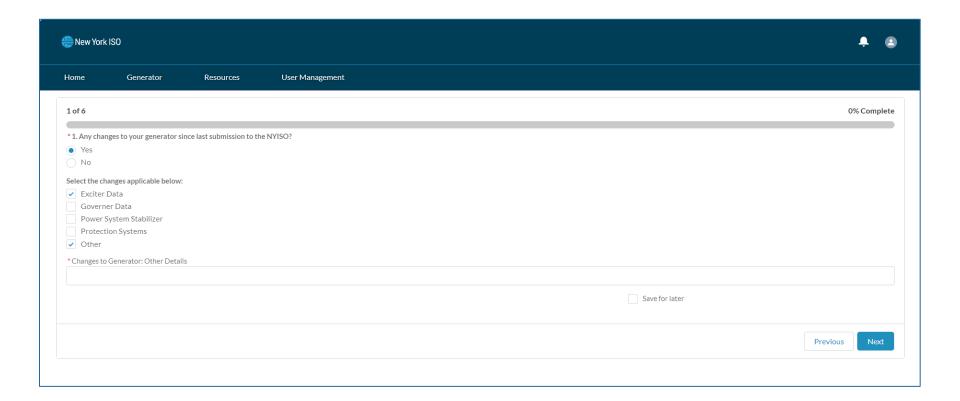




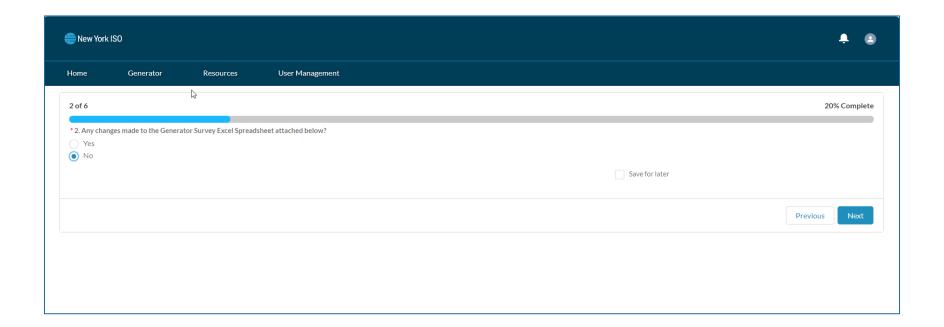




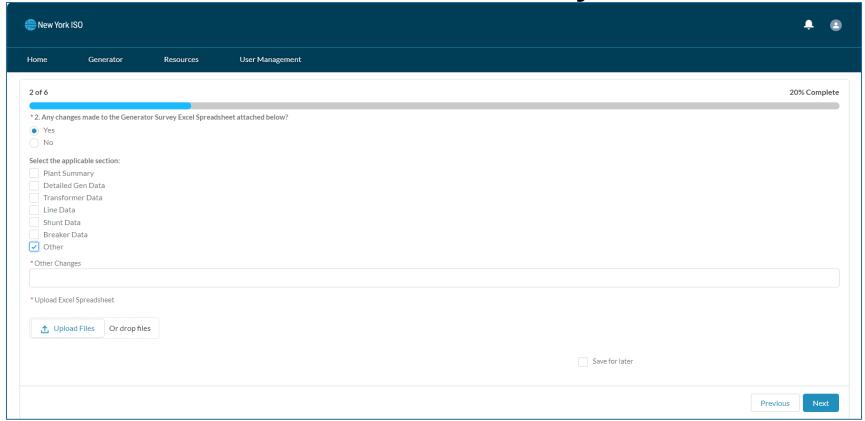




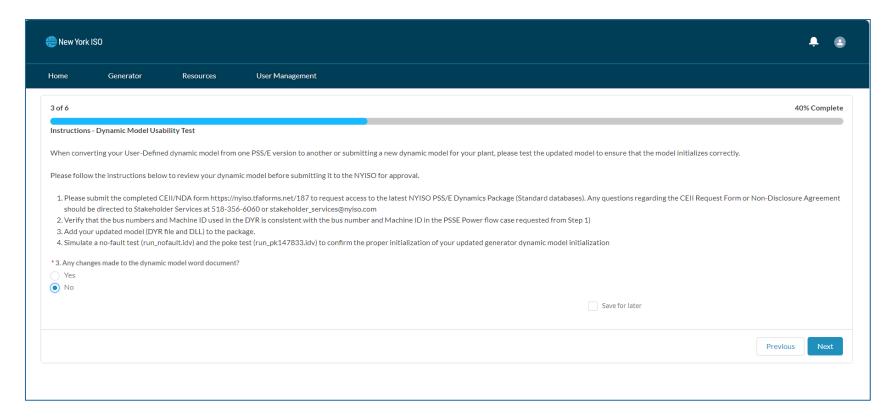




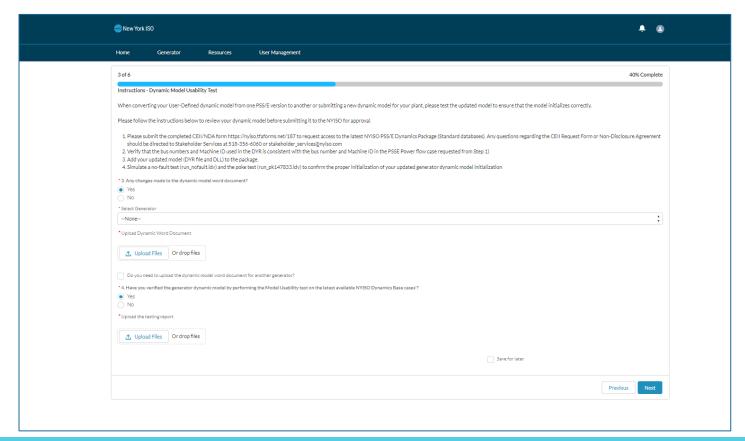




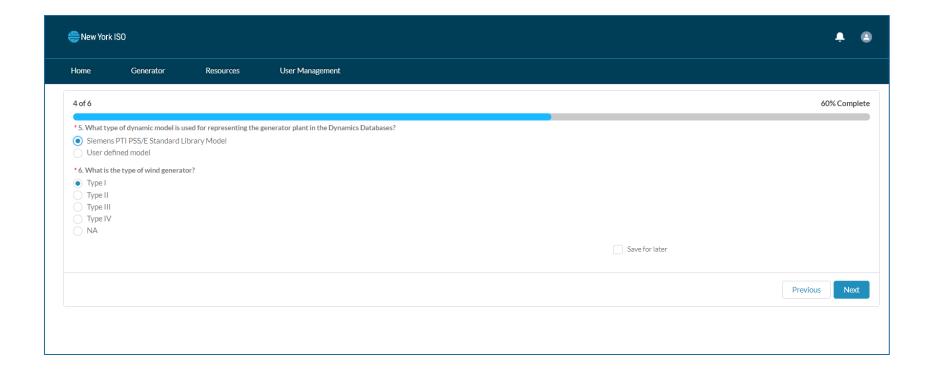




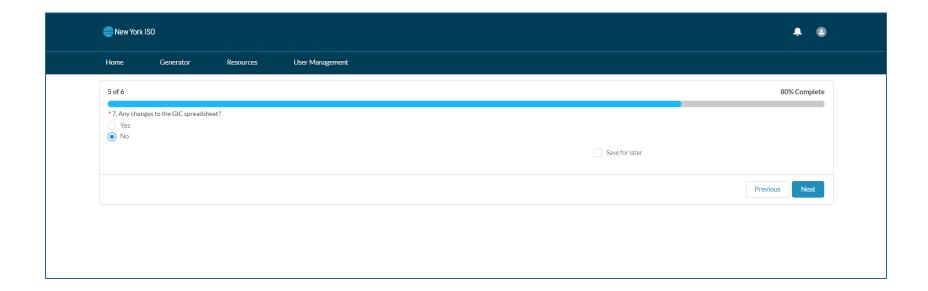




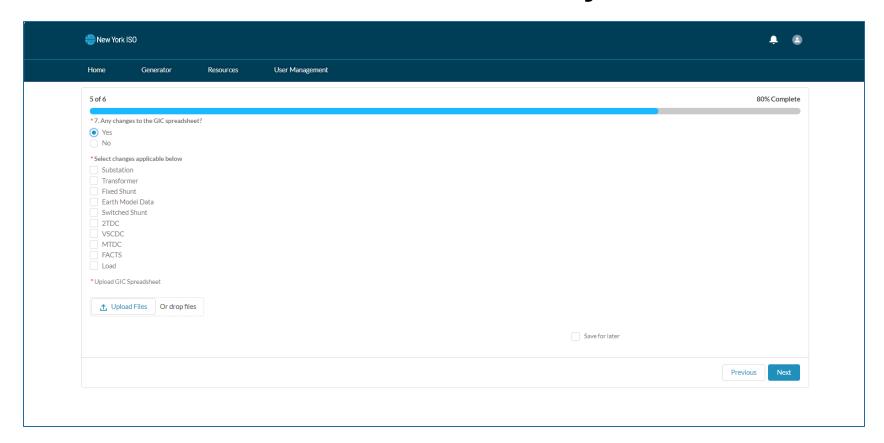




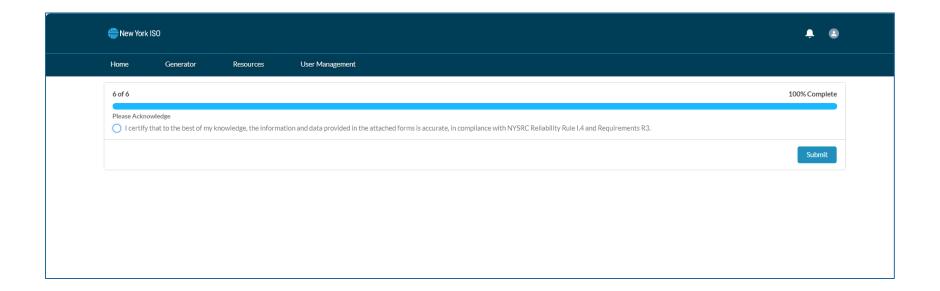




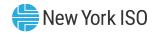








User Management



Contact Role Options

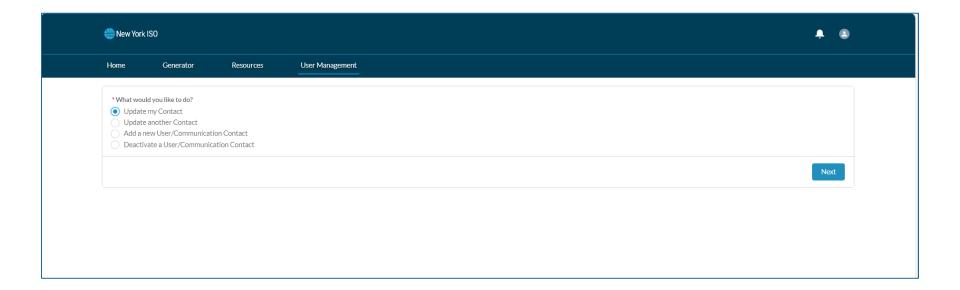
User: this contact type will have full access to modify data within the GMSUP for your organization.

Communication Contact: this contact type will be copied on all communications associated with your organization.

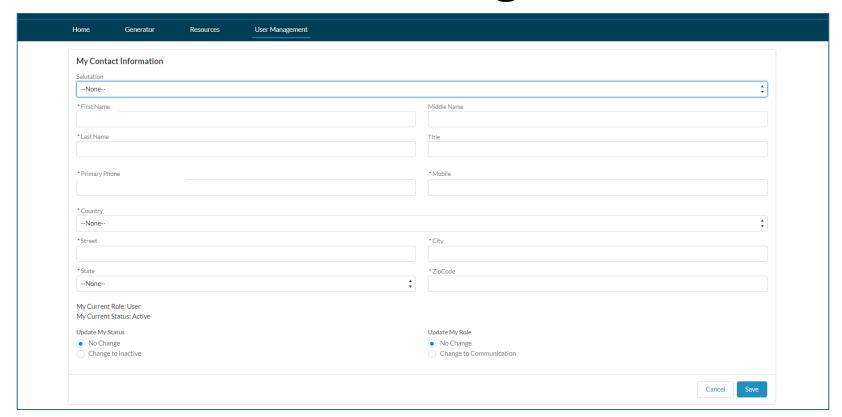




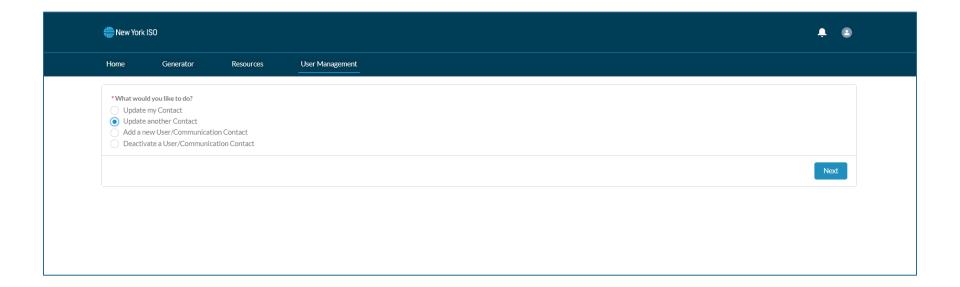




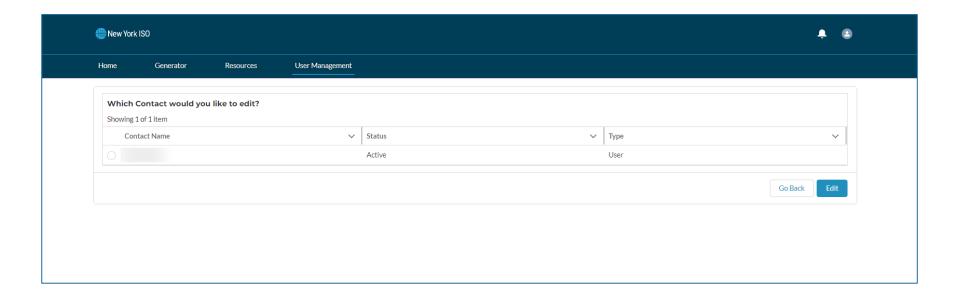




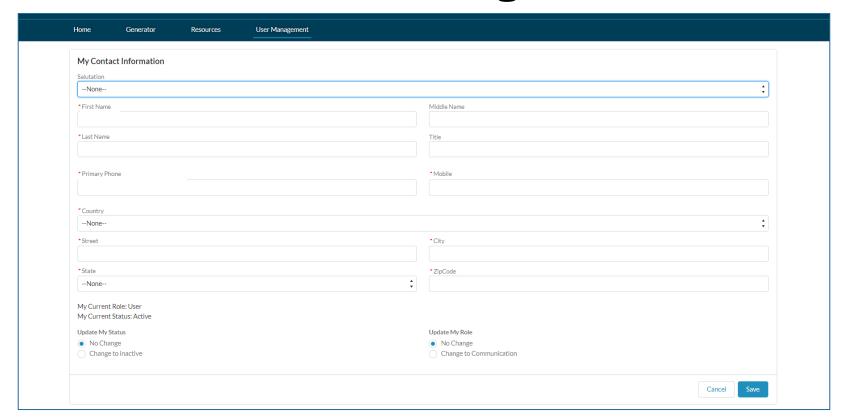




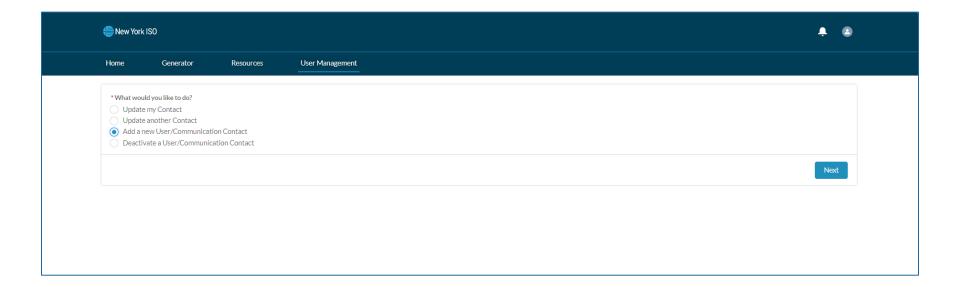




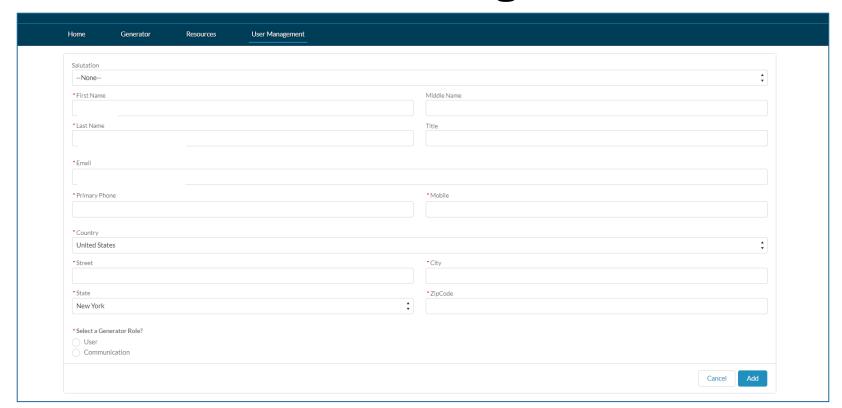








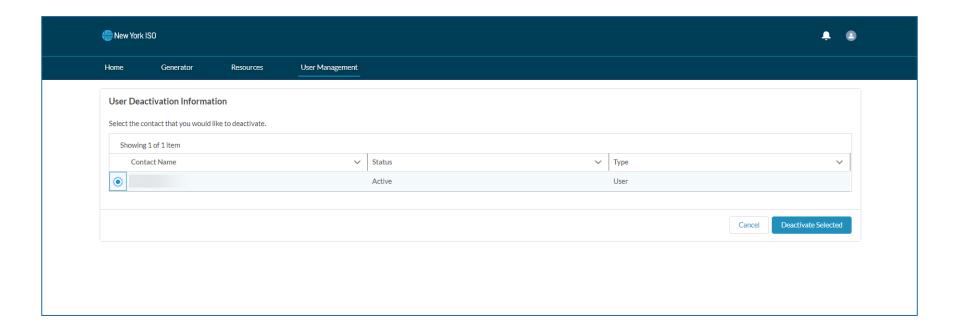












Summary



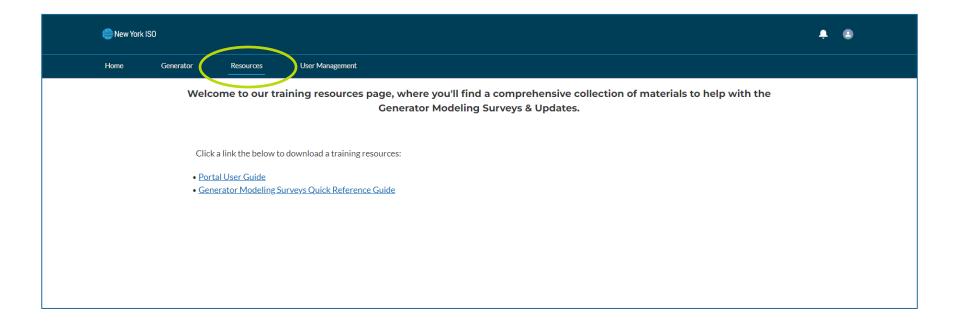
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Additional Resources



GMSUP Dashboard – Additional Resources



Questions?

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