Executive Summary

**Purpose:** Announce Upcoming Generator Winterization Survey

**Key Takeaways:**
- Available from August 22 thru September 19
- Used for NERC IRO-010-4 R1.3.2 Compliance
- New coal transportation question
Survey Timeline

8/21/2023 – Mon (no later than)
Survey keys emailed to MP General Contacts and most prior year responders

8/22/2023 – Tue
Survey Open

9/19/2023 – Tue
Survey Closes

10/3/2023 – Tue
RSC Surveys Results
New for 2023

- Satisfy reporting of generating unit minimum temperatures per MISO Reliability Data Specification, RTO-SPEC-006 for NERC Standard IRO-010-4 R1.3.2 (effective April 1, 2023).
  - Behind the meter generators added for potential IRO-010 compliance for “BES generating unit(s)"
  - GO/GOP determines if they have a BES generating unit that is required to report
  - Originally presented at RSC, June 23, 2022, Item 7
- New Coal Transportation Question
Who should respond to the survey?

It depends on commercial agreements and which entity has the best information. IRO-010 and TOP-003 applicable to GO and GOP.

- Company A
- Company B
- Generator Owner (GO)
- Generator Operator (GOP)
- Market Participant
- Third Party contracted by D & E
- Company C
- Company D
- Company E
- Company F
- Company G
Survey Information

Survey Access

• misoenergy.org login credentials are needed to complete the survey
• Can also access the survey via links at misoenergy.org, Markets and Operations Quick Links

Survey Instructions

• Use Company Survey Keys to review/update/submit prior year submitted data for accuracy
• Spreadsheet submittal option recommended for responders with more than ~20 generators
• Gas Questions – only for stations with commercial model fuel type: Gas, Oil/Gas or Coal/Gas
Company Survey Keys Information

Company Survey Key/password used to access prior year submissions/pre-populated data (not available for new 2023 entries)

- If you did not submit in 2022, no key for you (i.e., there is no data to display)
- Anyone with a Company Survey Key can view/update 2022 data for 2023
- Company Survey Keys sent via encrypted emailed to all General Contacts and most 2022 survey responders around August 21
- Most Market Participants (MPs) provided a single Company Key for all their Asset Owners (AOs)
- Select group of MPs identified that have a different key for each AO

Contact your Market Participant’s General Contact(s) if you need a survey key
Survey Landing Webpage

https://www.misoenergy.org/markets-and-operations/generator-winter-survey/

Link to complete survey

Download Spreadsheet here

Spreadsheet submissions must be emailed
### MISO 2023-2024 Generation Winterization Survey

This is start page instructions

Start with blank Survey: **Select**

**Company Survey Key:**  

**Start survey with available populated information:**

<table>
<thead>
<tr>
<th>Action</th>
<th>LBA</th>
<th>Station</th>
<th>Plant Name</th>
<th>Submission Date</th>
<th>Submitted By</th>
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</tr>
</tbody>
</table>

**Enter key to view/update prior year submissions**

**Link to start new survey**
Please Do Not Sabotage the Spreadsheet

- Spreadsheet does not use macros to limit IT security issues, which limits ability to embed controls on data validation
- Excel dropdowns and data validation used, but can be overridden by copy/paste from another spreadsheet
- Bad data is time consuming and impedes ability to import into underlying database
- New conditional formatting should clearly highlight entries.
Questions?

Mike Mattox (mmattox@misoenergy.org)
Saseen Punyala (spunyala@misoenergy.org)