Release Plan for IT Changes

Preliminary Plan for Release 57.0, March 2027

Changes to IESO systems planned as part of Release 57.0 are described below. Unless noted otherwise, the planned deployment dates are:

- Sandbox Build on January 21, 2027
- Non-Real Time Build on February 24, 2027
- Real-Time Build on March 3, 2027

For the annual 2027 IESO IT Release Schedule web page, click here.

Any modification from a previous release plan is noted in the description. More information about the IT Release Plan is found at the end of this document. Questions or concerns about IESO Release Plans may be sent to the email address, pending.changes@ieso.ca or directed to IESO Customer Relations.

ID122254: PMU Registration Workflow

Type of change

Non-Real Time, Category 2

Stakeholder & Document References

- Market Manual 1: Connecting to Ontario's Power System, Part 1.7: Synchrophasor Data Requirements
- IESO PMU Registration Form (146)

Applications Impacted

Sandbox	Production
Online IESO	Online IESO

Reason for Change

The IESO is introducing a new Phasor Measurement Unit (PMU) registration process that will improve and streamline the registration experience for Market Participants.

The current process relies on Market Participants completing and submitting Excel forms through email. The new process will use an Online IESO workflow to provide a more efficient and user-friendly method for submitting applications.

Moving PMU registration to Online IESO will enable PMU registration data to be more effectively linked, tracked, and managed alongside other equipment registration data currently submitted through Online IESO. This will improve data consistency, traceability, and integration across registration processes compared to the existing process.

Description of Change

Under the new PMU registration process, market participants will submit PMU registration applications directly through Online IESO. The new workflow includes the following process improvements:

- Online application submission
- Automated workflow processing
- Built-in data validation
- Improved visibility into registration requests and application status.

The applicable market manual will be updated to reflect the new PMU registration workflow and requirements.

A stakeholder workshop will be scheduled to demonstrate the new registration process and answer participant questions.

Expected Impact

The current PMU registration process that uses forms submitted through email will transition to the Online IESO workflow for new PMU registration requests.

Market Participants are encouraged to and review the updated market manual and attend the stakeholder workshop prior to implementation.

ID122257: Changes to the Day-Ahead and Real-Time Market Global Market Power (GMP) Conditions Summary Reports

Type of change

Non-Real Time, Category 3

Stakeholder & Document References

- Pending Changes - Reports

Applications Impacted

Sandbox	Production
IESO Reports	IESO Reports

Reason for Change

The Day-Ahead and Real-Time Global Market Power (GMP) Conditions Summary reports will be updated to include the hours that Operating Reserve GMP conditions are present. The current reports only include the hours that Energy GMP conditions are present. Energy and Operating Reserve GMP conditions are mutually exclusive conditions and no other reports include Operating Reserve GMP conditions.

This change is required for market transparency and will assist Market Participants in understanding market outcomes.

Description of Change

The Day-Ahead GMP Conditions Summary Report and Real-Time GMP Conditions Summary Report will be modified to include additional information about Operating Reserve GMP conditions.

Expected Impact

There will be no outage during the deployment window, as the first new Day-Ahead GMP Conditions Summary Report and Real-Time GMP Conditions Summary Report will be published following this deployment.

The report changes may impact Market Participants who use custom scripts to archive or process reports. Specifically, any updates to the report schema file will require script modifications to ensure compatibility with the new structure.

A schema file and sample report reflecting the new tags will be made available on the Pending Changes – Reports webpage to help users test their systems before the deployment to the Production environment.

About the IT Release Plan

Four times a year, the IESO coordinates a release package of changes to IESO systems that will impact users outside the IESO. These changes are categorized as either:

- **Category 2** change (users will have to make a functional change, such as an update to a procedure), or
- **Category 3** change (users will have to modify a technical interface with an IESO system or solution).

For each release, three versions of the Release Plan are published:

1. Preliminary Release Plan
2. Target Release Plan
3. Final Release Plan

The IT Release Schedule provides the planned dates for each release. Dates for specific changes may differ from the calendar dates, but these will be clarified in the Release Plan.

Sandbox Implementation is the date the change is deployed on the IESO Sandbox environment, used for testing and training.

Production Build is the date the change goes live. This may happen during either:

1. Real-Time Build for systems used to interact with the IESO-Controlled Grid or IESO-Administered Market, or
2. Non-Real Time Build for other systems used to interact with the IESO, such as those used for settlements or registration activities.

Efforts are made to minimize the impacts of system outages during planned releases. Planned outages are posted in advance on the IESO Planned IT Outages webpage.