

Release Plan for IT Changes

Final Plan for Release 47.1, June 2022

Changes to IESO systems planned as part of Release 47.1 are described below. Unless noted otherwise, the planned deployment dates are:

- Sandbox Build on April 21, 2022
- Non-Real Time Build on May 25, 2022
- Real-Time Build on June 1, 2022

For the annual 2022 IESO IT Release Schedule Web page, [click here](#).

Four changes are now planned in this release. Each change has a unique ID number.

- ID100626 - Online IESO - Register Operational Compliance Aggregation Model
- ID100662 - Capacity Auction Enhancement - Changes to the Capacity Auction Reports
- ID100705 - SCADA System Upgrade
- ID100895 – Regulatory Changes to ICI Ontario Demand Peak Tracker (New)

Any modifications in future versions of this release plan will be 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 can be sent to the email, pending.changes@ieso.ca or directed to IESO Customer Relations.

ID100626 - Online IESO - Register Operational Compliance Aggregation Model

Type of change

Non-Real Time, Category 2.

Stakeholder & Document References

The following IESO documents will be revised in relation to this change:

- LST-48 Register Facility Help File

Applications Impacted

Sandbox	Production
Sandbox Online IESO	Online IESO

Reason for Change

As part of the Improving Accessibility of Operating Reserve Project, Online IESO is being updated to provide a feature to capture Operational Compliance Aggregation details from Market Participants.

Description of Change

This change will direct Market Participants with an Equipment Registration Specialist role to manage their Operational Compliance Aggregation Models in the Online IESO application. The new Operational Compliance Aggregation Model functionality in Online IESO will provide an enhanced workflow and self-service capability for capturing Operational Compliance Aggregation information from Market Participants.

These features include:

- Equipment Registration Specialist can add an Operational Compliance Aggregation Model
- Equipment Registration Specialist can assign one or more resources to an Operational Compliance Aggregation Model
- Equipment Registration Specialist can update an Operational Compliance Aggregation Model
- IESO will review additions/updates to Operational Compliance Aggregation Models through an enhanced workflow in Online IESO

Expected Impact

No outage will be required to Online IESO in relation to this change. Market Participants will begin registering Operational Compliance Aggregation models through Online IESO.

ID100662 - Capacity Auction Enhancement - Changes to the Capacity Auction Reports

Type of change

Non-Real Time, Category 2.

Stakeholder & Document References

- Market Manual 12: Capacity Auctions
- Market Manual 4.3: Real Time Scheduling of the Physical Market
- Market Manual 4.2: Submission of Dispatch Data in the Real Time and Operating Reserve Market
- Market Manual 7.3: Outage Management
- Market Manual 5.5: Physical Market Settlements
- IESO Charge Types and Equations

Applications Impacted

Sandbox

IESO Sandbox Public & Private Reports

Click <http://reports-sandbox.ieso.ca/> to go to this Web page on ieso.ca

Production

IESO Public & Private Reports

Click <http://reports.ieso.ca/> to go to this Web page on ieso.ca

Reason for Change

Reason for amending the pre and post auction reports is to reflect enhancements that have been incorporated into the 2022 capacity auction.

Description of Change

In the Pre-Auction report, Zone Groups will be added and will be grouped with the Zones under the Total Zone Capacity Max/Min section. Since the release of the target plan, new Key Milestones will also be added. The Key Milestones report table heading "Due Date" will be updated to "Dates".

The following will no longer be completed as part of this release and the change will be communicated at a later date:

- The new column "ICAP (MW)" will be added to the Post-Auction confidential report, and the terminologies and description will be updated to support the shift from enrollment to qualification (UCAP) in the Post-Auction public and Post-Auction Confidential report.

Expected Impact

The format of the data files will remain unchanged. There will be no outage during the implementation of this change.

ID100705 - SCADA System Upgrade

Type of change

Real Time, Category 2. This change will be completed outside of release 47.1 at a later date and outages to systems will be posted in advance on the IESO Planned IT Outages Web page. [Click here for a link.](#)

Stakeholder & Document References

n/a

Applications Impacted

Sandbox	Production
n/a	Telemetry systems (ICCP, RTU)

Reason for Change

The IESO is preparing to upgrade its current SCADA/EMS systems to a newer version in 2022.

Description of Change

During the time leading up to the cut-over the IESO will be testing the connectivity of the telemetry interfaces and may be required to take short outages.

Expected Impact

The details of any planned outages will be communicated externally at that time.

ID100895 – Regulatory Changes to ICI Ontario Demand Peak Tracker

Type of change

Real Time, Category 2. Sandbox deployment is scheduled on April 28, 2022. Production deployment is scheduled on May 1, 2022.

Stakeholder & Document References

- Market Manual 5.5: Physical Market Settlements

Applications Impacted

Sandbox	Production
Corporate Website – Peak Tracker	Corporate Website – Peak Tracker
Reports Site – ICI Ontario Demand Report (new)	Reports Site – ICI Ontario Demand Report (new)

Reason for Change

Initiated by Ministry of Energy's amendment to Ontario Regulation 429/04.

Description of Change

A new peak tracker based on "ICI Ontario Demand" will be published in the Peak Tracker and Power Data webpages. Multiple sections of the website containing informational materials for market participants will have to be revised to align with the new methodology or be retired if they are no longer relevant to the future process.

A new report that publishes hourly on ICI Ontario Demand values will be made available to market participants at the IESO Public Reports site.

Expected Impact

Change will impact market participants who belong under Class A of the Industrial Conservation Initiative (ICI) program. Moving forward, the top-five system peak hours during a base period will be ranked using ICI Ontario Demand values. Class A participants will be able to know if an hour could be classified as a peak within 60 minutes from the hour ending and have that value finalized within 3 business days (restricted from change thereafter) following the initial posting.

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 provided in the Release Plan. For the full 2022 Release Schedule on the IESO Web page , [click here](#).

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 Web page. [Click here for a link](#).