

# Release Plan for IT Changes

## Final Plan for Release 45.0, March 2021

Changes to IESO systems planned as part of Release 45.0 are described below. Unless noted otherwise, the planned deployment dates are:

- Sandbox Build on January 21, 2021
- Non-Real Time Build on February 24, 2021
- Real-Time Build on March 3, 2021

For the annual 2021 IESO IT Release Schedule Web page, [click here](#).

**Two changes were previously communicated in this release. This final plan introduces one additional change.**

Each change has a unique ID number. 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 can be sent to the email address, [pending.changes@ieso.ca](mailto:pending.changes@ieso.ca) or directed to IESO Customer Relations.

### ID A1568 - Decommission Reports

#### Type of change

Non-Real Time, Category 2.

#### Applications Impacted

Sandbox

Production

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#### IESO Sandbox Public Reports

#### IESO Public Reports

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

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## **Reason for Change**

The following reports have not been produced in many years as they have been replaced with the Adequacy2 report. The associated folders on the Report Site need to be removed to clean up the site. The reports to be removed are:

- GenPlan - Generator Planned Outage Report
- DAAdequacy - Day-Ahead Adequacy Report
- SAAWeekly - Weekly Security and Adequacy Assessment Report
- SAADaily - Daily Security and Adequacy Assessment Report (HTML)
- SAADaily1 - Daily Security and Adequacy Assessment Report (CSV)
- SAADaily2 - Daily Security and Adequacy Assessment Transmission Facility Limitations Report (CSV)
- SSR - System Status Report (HTML)
- SSR1 - System Status Report (CSV)
- SSR2 - System Status Report Transmission Facility Limitations Report (CSV)
- Adequacy - Adequacy Report

## **Description of Change**

The report folders for the decommissioned reports will be removed from the IESO Reports Site.

## **Expected Impact**

The IESO Reports Site will only have active reports. There will be no outage during implementation of this change.

## **ID A1569 - Transmission Rights Clearing Account disbursement formula change in IESO Settlement System**

### **Type of change and implementation date variation**

Non-Real Time, Category 2. The change will be implemented March 3, 2021. The first Preliminary Settlement Statement where the change will be visible to participants will be posted June 14, 2021.

### **Stakeholder & Document References**

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

- Market Rules MDP\_RUL\_0002: Chapter 9, Settlements and Billing
- Market Manual 5: Settlements Part 5.5: Physical Markets Settlement Statements
- Format Specifications for Settlement Statement files and Data files
- IESO Charge Types and Equations

## Applications Impacted

Sandbox

Production

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None

IESO Settlement System

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None

IESO Participant Reports

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

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### Reason for Change

In 2017, the Market Surveillance Panel (MSP) recommended that the IESO change the methodology that determines how the Transmission Rights Clearing Account (TRCA) surplus balance is allocated. Under the current distribution approach, surplus funds are allocated to loads and exporters based on their proportionate share of total energy volume over the prior 6-month lookback period. The MSP recommended that the allocation should be based on the percentage of costs that exporters and Ontario loads pay into the transmission system rather than on the amount of electricity they consume. This change is to implement the MSP's recommendation.

### Description of Change

Starting from the May 2021 disbursement, revise the TRCA disbursement formula in IESO's Settlement System that calculates the distribution of TRCA surplus funds to loads and exporters. The revised methodology is as follows:

1. The IESO will first divide the TRCA surplus between the load and exporter classes based on the proportion of transmission costs paid over the TRCA balance period. The loads pay Provincial Transmission Service (PTS) charges and the exporters pay Export Transmission Service (ETS) charges.
2. Once the allocation is determined, within each class, TRCA surplus funds will be allocated to individual loads and exporters based on their proportionate share of AQEW (for loads) or SQEW (for exporters) over the look-back period.

### Expected Impact

Starting from the May 2021 disbursement (June 14, 2021 preliminary settlement statement), settlement statements will report modified or additional information for the charge IDs 102 and 168, under which TRCA allocation is settled. The format of the statement and data files will remain unchanged. There will be no outage during implementation of this change.

## ID A1573 - Changes to the Adequacy Report for the Capacity Auction

**This item is introduced for the first time in this final release plan.**

## Type of change and implementation date variation

Non-Real Time, Category 2. This change will be implemented in Sandbox and Production on March 24, 2021. The Adequacy Report will reflect the additional Capacity Auction supply starting with the Sandbox and Production reports published for May 1, 2021.

## Stakeholder & Document References

Please refer to Market Manual 7: System Operations Part 7.2: Near-Term Assessments and Reports.

## Applications Impacted

### Sandbox

### Production

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#### IESO Sandbox Public Reports

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## Reason for Change

With the introduction of the Capacity Auction in December 2020, there are new Capacity Auction resources, in addition to the Demand Response resources. These new resources are:

1. Capacity Generation
2. Capacity Storage
3. System-Backed Capacity Imports

The relevant calculations within the Adequacy Report will be changed to accommodate these new resources. The layout and schema of the xml data will not change.

## Description of Change

The Capacity Generation will be incorporated within the Internal Resources section, within each capacity generator's fuel type. The Capacity Storage will be incorporated within the Internal Resources section, within the 'Other' fuel type. The System-Backed Capacity Imports will be incorporated within the Imports section, within the Total Capacity Imports.

## Expected Impact

The Adequacy Report will reflect the additional Capacity Auction supply starting with the report published for May 1, 2021. There will be no outage during implementation of this change.

## 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 2021 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](#).