Release Plan for IT Changes

Final Plan for Release 55.0, March 2026

Changes to IESO systems planned as part of Release 55.0 are described below. Unless noted otherwise, the planned deployment dates are:

- Sandbox Build on January 22, 2026
- Non-Real Time Build on February 25, 2026
- Real-Time Build on March 4, 2026

For the annual 2025 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.

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ID106846: External Report Changes - Adequacy & Realtime Ontario Zonal Price Reports

Type of change

Real Time and Non-Real Time, Category 2

Stakeholder & Document References

- [Pending Changes - Reports](#)

Applications Impacted

Sandbox	Production
• IESO Reports	• IESO Reports

Reason for Change

This change involves updates to the following two reports:

1. Adequacy Report

There will be a new section in the Adequacy Report labelled "Storage," which will include battery (BESS - Battery Energy Storage System) resources. These resources were previously excluded from the report because their performance characteristics were unknown. Based on the capacity factor of BESS resources, a portion of the resources will now be treated as generation during obligation hours. This will directly impact adequacy and capacity margins.

The updated Adequacy Report will enhance public visibility to the capacity and performance of grid-connected BESS resources.

2. Realtime Ontario Zonal Price Report

The Realtime Ontario Zonal Price Report schema file format will be updated to align with the structure used in other 5-minute real-time reports. For example, it will include the DeliveryHour, IntervalPrice, and Interval tags.

The inconsistent structure between the Realtime Ontario Zonal Price Report and other 5-minute real-time reports was reported to the IESO by a Market Particpant during the MRP Market Trial period. However, due to competing priorities in the lead-up to the launch of the renewed market, this issue could not be addressed before the market transition.

Description of Change

1. Adequacy Report

The new "Storage" section added to the Adequacy Report and will include the following rows:

- Capacity
- Outages
- Offered/Forecasted
- Scheduled

The inclusion of storage resources will affect the calculation of several existing rows in the report, including:

- Capacity
- Energy
- Total Supply
- Total Outages
- Total Offered / Forecasted
- Total Scheduled
- Offered Excess Capacity / Shortfall
- Resources Not Scheduled
- Capacity Excess / Shortfall
- Energy Capacity Excess / Shortfall

These changes may impact market participants who use custom scripts to archive and/or process reports. However, the report schema file itself will remain unchanged.

To support users through this transition, the following resources will be provided:

Sample Reports: A sample report and help files reflecting the new "Storage" section are published on the Pending Changes – Reports webpage. Additionally, example reports will be made available on the sandbox report site to help users understand the format change and to test their systems between the Sandbox implementation and the rollout to the Production environment.

2. Realtime Ontario Zonal Price

This change standardizes the report schema to align with the format used in other 5-minute real-time reports. Specifically, hard-coded, interval-specific XML tags (e.g., Interval1, OntarioZonalPriceInterval1) will be replaced with standard tags such as IntervalPrice and Interval.

Additionally, the update will add the DeliveryHour tag and will remove the hour component from the DeliveryDate tag to improve clarity and consistency.

To support users through this transition, the following resources and will be provided:

Sample XML Schema: A schema file and sample report reflecting the new tags are published on the Pending Changes – Reports webpage.

Sample Reports: Example reports will be made available on the IESO Reports Sandbox site to help users understand the updated format and test their systems between the Sandbox implementation and the rollout to the Production environment.

Expected Impact

These 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.

1. Adequacy Report

During the implementation of this change, there will be a temporary outage to the Adequacy Report (Adequacy3) – the Adequacy3 report will not be published. Users should be aware of the temporary unavailability and plan accordingly.

Once the change is complete, reports will resume publication with the updated report layout, including the new "Storage" section. There will be no updates to the report schema file.

Market Participants that use custom scripts or automated tools to archive or process reports should take the following action:

- Review the updated report.
- Modify scripts to accommodate the change.
- Validate the changes using the sample reports provided on the Pending Changes – Reports page and on the IESO Reports Sandbox site.

2. Realtime Ontario Zonal Price Report

During the implementation of this change, there will be a temporary outage to the Realtime Ontario Zonal Price Report – no reports will be publsihed. Users should be aware of the temporary unavailability and plan accordingly.

Once the change is complete, reports will resume publication with the updated schema. There will be no updates to the report layout.

Participants who use custom scripts or automated tools to archive or process reports should take the following action:

- Review the updated XML schema file.
- Modify scripts to accommodate the updated XML schema file.
- Validate the changes using the sample reports on the IESO Reports Sandbox site.
- Validate the changes the XML schema file provided on the Pending Changes – Reports page.

ID120083: External Report Changes - Publishing New DAM Pass 1 LMP Reports (ENGY and OR) for Interties

Type of change

Real Time and Non-Real Time, Category 2

Stakeholder & Document References

- [Pending Changes - Reports](#)

Applications Impacted

Sandbox	Production
• IESO Reports	• IESO Reports

Reason for Change

This change will introduce two new IESO reports:

1. Day-Ahead Hourly Intertie Energy Pass 1 LMP Report (DAHourlyIntertiePass1LMP)
2. Day-Ahead Hourly Intertie Operating Reserve Pass 1 LMP Report (DAHourlyIntertiePass1ORLMP)

Description of Change

Day-Ahead Hourly Intertie Energy Pass 1 LMP Report (DAHourlyIntertiePass1LMP)

This report contains the Locational Marginal Price (LMP) and its components for energy. It will use data from the final outcomes of the Day-Ahead Market (DAM) Pass 1 pricing algorithm for each Intertie Pricing Location, after the successful execution and validation of the DAM calculation engine run.

This report will be public, available to all Market Participants, and is intended to provide additional clarity on the LMPs associated with intertie schedules in Pass 1, which are capped in successive passes of the DAM calculation engine run.

Day-Ahead Hourly Intertie Operating Reserve Pass 1 LMP Report (DAHourlyIntertiePass1ORLMP)

The report contains the Locational Marginal Price (LMP) and its components for Operating Reserve. It will use data from the final outcomes of the Day-Ahead Market (DAM) Pass 1 pricing algorithm, for each TiePoint Name, and operating reserve product, after the successful execution and validation of the DAM calculation engine run.

This report will be public, available to all market participants and is intended to provide additional clarity on the LMPs associated with intertie schedules in Pass 1, which are capped in successive passes of the DAM calculation engine.

Expected Impact

Market Participants who use custom scripts or automated tools to archive or process reports should take the following action:

- Review the sample reports on the IESO Reports Sandbox site.
- Review the sample XML schema file provided on the Pending Changes – Reports page.
- Create/modify scripts to accommodate the new XML schema files.

ID120612: Digicert Adding New Dedicated IP Addresses for Online Certificate Status Protocol (OCSP) and Certificate Revocation List (CRL) Services

Type of change

Real Time and Non-Real Time, Category 3

Stakeholder & Document References

- DigiCert Certificate Status IP Addresses

Applications Impacted

Sandbox	Production
• Energy Market Interface (EMI)/Market Information Management (MIM) system,	• Energy Market Interface (EMI)/Market Information Management (MIM) system,
• IESO Reports website (public and private)	• Dispatch Service
	• IESO Reports website (public and private)
	• IESO corporate website
	• Retrofits
	• Outage Coordination and Scheduling System (OCSS)

Reason for Change

On Tuesday, March 10 at 12:00 PM noon EDT, the IESO's certificate authority, Digicert, will be implementing a change that may impact your organization's interaction with the IESO. Digicert will be adding new dedicated IPv4 and IPv6 addresses for their Online Certificate Status Protocol (OCSP) and Certificate Revocation List (CRL) Services. As the IESO's certificate authority, Digicert's web certificates ensure that stakeholders can access IESO systems and websites securely.

Description of Change

The IESO's certificate authority, Digicert, will be adding new dedicated IPv4 and IPv6 addresses for their Online Certificate Status Protocol (OCSP) and Certificate Revocation List (CRL) Services.

Expected Impact

The new dedicated IPv4 and IPv6 addresses will impact stakeholders who connect with IESO systems and who use allowlists on their firewalls, security groups or proxies, to control their outbound traffic. This may especially impact organizations that send and/or retrieve data from the following IESO systems:

- Energy Market Interface (EMI)/Market Information Management System (MIS)
- Dispatch Service

- IESO Reports site (public and private)
- IESO corporate website
- Retrofits
- Outage Coordination and Scheduling System (OCSS)
- Other applications hosted on the IESO Gateway

Impacted participants must update their allowlists to include the new dedicated IPv4 and IPv6 addresses **before March 10 at 12:00 PM noon EDT**:

IPv4 Addresses	IPv6 Addresses
• 23.11.38.161 • 23.11.39.161 • 23.11.40.157 • 23.11.41.157 • 23.11.32.159 • 23.11.33.159 • 23.11.36.157 • 23.11.37.157 • 23.11.34.158 • 23.11.35.158	• 2600:14e1:18:6d::/64 • 2600:14e1:1c:6d::/64 • 2600:14e1:20:6d::/64 • 2600:14e1:24:6d::/64 • 2600:14e1:0:6d::/64 • 2600:14e1:4:6d::/64 • 2600:14e1:10:6d::/64 • 2600:14e1:14:6d::/64 • 2600:14e1:8:6d::/64 • 2600:14e1:c:6d::/64 • 2606:4700:7::1fb • 2a06:98c1:58::1fb • 2606:4700:7::1fd • 2a06:98c1:58::1fd

Failure to add these new IPv4 and IPv6 addresses to your allowlists before March 10 at 12:00 PM noon EDT may result in service disruptions if a participant uses allowlists to control outbound traffic on their end.

No action is required from stakeholders who do not use allowlists to control outbound traffic. Click on this Digicert Certificate Status IP Addresses link to read more about this change, including the list of ALL IPv4 and IPv6 addresses in use.

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.