Release Plan for IT Changes

Final Plan for Release 45.1, June 2021

Changes to IESO systems planned as part of Release 45.1 are described below. Unless noted otherwise, the planned deployment dates are:

- Sandbox Build on April 22, 2021

- Non-Real Time Build on May 26, 2021

- Real-Time Build on June 2, 2021

For the annual 2021 IESO IT Release Schedule Web page, click here.

There is one change planned in this release. Each change has a unique ID number.

- A1576 - Implementing New Authentication Method for Participants

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 or directed to IESO Customer Relations.

ID A1576 - Implementing New Authentication Method for Participants

Type of change and implementation date variation

Real Time, and is now considered a Category 2 release.

The Okta changes will be implemented in production on the week of May 10, 2021, there will be no sandbox deployment for this release item. Only Portal Collaboration Community members and Watchdox users will need to register in the production environment after this date.

The production change for Watchdox will be implemented the week of May 31, 2021. The date of the production migration of Portal Collaboration Communities will be coordinated by the Community Owners after the week of May 31, 2021. All other applications using Portal will be rescheduled to a future release for migration.

ieso
Connecting Today.
Powering Tomorrow.

Stakeholder & Document References

The following IESO documents will no longer be revised in relation to this change:

- Guide to the IESO Portal

Applications Impacted

Sandbox	Production
None	WatchDox
None	Portal Collaboration Communities

The following applications have been removed from this Release and will be rescheduled to a future release:

Sandbox	Production
Online IESO	Online IESO
Transmission Rights Auction User Interface (TRA)	Transmission Rights Auction User Interface (TRA)
Energy Market Interface User Interface (EMI)	Energy Market Interface User Interface (EMI)
Dispatch Service User Interface	Dispatch Service User Interface
Outage Coordination and Scheduling System (OCSS) User Interface	Outage Coordination and Scheduling System (OCSS) User Interface
Prudential Manager	Prudential Manager

Reason for Change

As part of the IESO Portal refresh project, IESO will need to migrate off the current Oracle Access Manager solution to one that provides enhanced security and additional features. As a result, Portal applications that were previously leveraging Oracle Access Manager for their Identity needs will now use Okta.

Description of Change

This change will introduce a new way for Market Participants and External Users to register for and sign-on to IESO Portal Applications. This new Identity Provider provides enhanced security and additional features. These features include but are not limited to:

- Support for modern authentication standards

- Adaptive multi-factor authentication

- Self-service password reset capabilities

- A dashboard that will serve as a single point of entry to access IESO applications

Expected Impact

WatchDox and Portal Collaboration will be replaced by BlackBerry Workspaces. As part of this change the existing Watchdox and Portal Collaboration Community users will be migrated to the new Identity Provider Service. Users will need to log in to the new Identity Provider Service in order to confirm login details and set up Multi-factor Authentication (MFA) and Password Recovery options.

Users will be sent communications ahead of time with detailed instructions on how to register and login to this new portal. WatchDox data will be migrated to BlackBerry Workspaces, which is expected to have a five-hour outage to complete the migration. Once migrated, access to this data will not be affected for WatchDox users.

Portal Collaboration Communities will be migrated by Community Owners. Portal Collaboration users for each community will be sent communications ahead of time with full timelines and instructions for modifying account information and accessing BlackBerry Workspaces. Portal Collaboration users will continue to access Portal Collaboration as usual until the community is migrated.

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.