

### Introduction

This edition of *Quick Takes* describes key aspects of the IESO's *Interim Outage Management Process Redesign*, which focuses on improving outage-related services to market participants while minimizing risks to system reliability. Market participants can use this document as a quick-reference to determine the new outage submission and approval requirements (for more details, refer to [Market Manual 7.3: Outage Management](#)) which are effective February 5, 2014.

### What has Changed?

This section summarizes the changes resulting from the IESO's *Outage Management Process Redesign* (stakeholders were consulted for advice on these changes through [SE-109](#)).

### New Submission, Assessment, and Approval Timelines

All planned outages requesting 3-day advance approval must be submitted by 16:00 EST, 5 business days in advance of the planned start date. The IESO will approve or reject these outages by 16:00 EST, 3 business days in advance of the planned start date.

All planned outages eligible for requesting pre-approval (i.e., 1-day advance approval for a subset of planned outages with relatively low impact to the IESO-controlled grid) must be submitted by 16:00 EST, 2 business days in advance of the planned start date. The IESO will approve or reject these outages by 14:00 EST, 1 business day in advance of the planned start date.

- An eligible outage must meet prescribed criteria that help ensure the planned outage has a relatively low impact to the IESO-controlled grid. The prescribed criteria can be found in *Market Manual 7.3, Appendix B*.
- An eligible outage must also be separately confirmed as a "Request for Pre-Approval" in addition to being submitted on time. This confirmation is performed electronically on the outage request form. This confirmation does two things:
  - It helps the IESO to distinguish between late requests for 3-day advance approval.
  - It tells the IESO that the market participant has verified that the request meets the criteria before submitting (criteria for pre-approval is identified in *Market Manual 7.3, Appendix B*).

Any planned outages submitted after the deadlines above will be considered late and will not be assessed (i.e., they will be rejected by the IESO for being late).

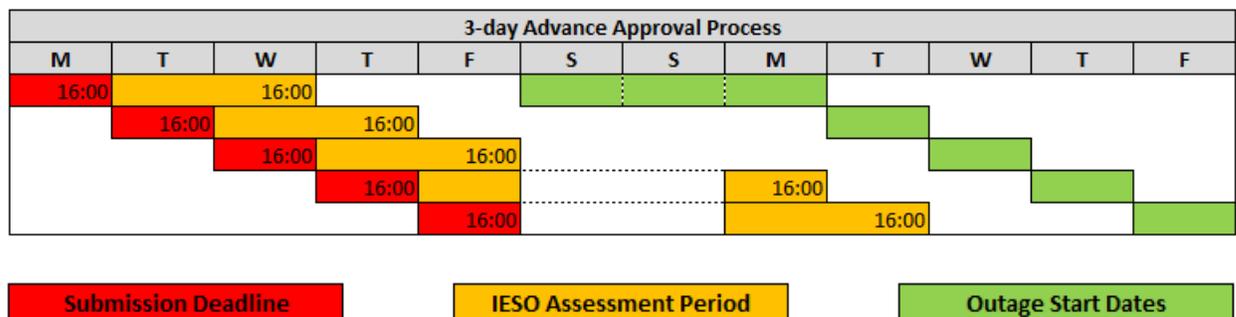
- This includes requests for a planned outage extension. If a planned outage extension cannot be submitted in sufficient time, the market participant is expected to return the equipment to service by the end of the original outage end date that was approved, or force the extension.
- A description of the exceptions to this requirement is provided below under the heading *Planned Outage Submission Deadline- Exceptions*.

Forced and urgent outages (i.e., forced outages with time-limited scheduling flexibility) are not subject to the submission deadlines above, but should be submitted as far in advance as possible.

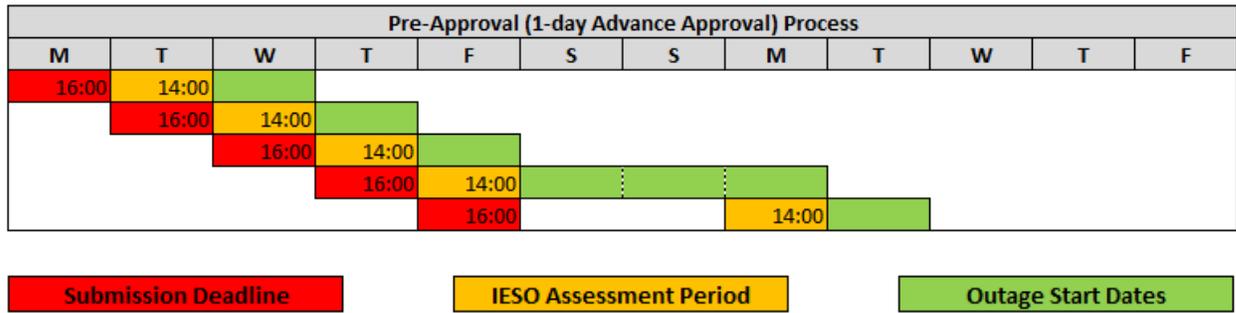
- **Note:** Urgent outages must be submitted electronically as “forced” outages and the nature of the urgency should be identified in the “purpose” section of the outage form.
- With sufficient time, the IESO will attempt to coordinate a forced outage with the market participant so as to position the start of the outage in a manner that has minimal impact on other market participants, and on the reliability of the IESO-controlled grid.

**Note:** A normal work week is represented in the figures below. [Holidays](#) would be included as the business day that follows, in the same way that weekend days are included as Monday.

### 3-Day Advance Approval



## Pre-Approval (i.e., 1-day advance approval)



## Cancellation Costs and Retention of Time-stamp Precedence

Cancellation costs identified ahead of the start date of a planned outage will no longer be used in the compensation claim process. However until the IESO replaces existing software tools, market participants must continue to fill in the cancellation cost fields on their electronic outage request submission in order for the outage request to be accepted (zero values are acceptable).

The rules for retaining time-stamp precedence have been simplified. Under the new rules, a market participant’s time-stamp precedence may be retained if the outage request is resubmitted within 5 business days of the request either being rejected, revoked or recalled by the IESO.

## Planned Outage Submission Deadline – Exceptions

The IESO may assess planned outage requests submitted after the deadlines for 3-day advance approval or pre-approval (i.e., 1-day advance approval) on a best effort basis if any of the following conditions are met:

### I. Returning Equipment to Service

The IESO will assess new outage requests received after the submission deadlines for 3-day advance approval or pre-approval (i.e., 1-day advanced approval) on a best effort basis if the new outage request(s) is required to expedite the completion of an already in-progress outage request. Refer to *Market Manual 7.3, Section 1.3.12* for additional details.

### II. Planned Extensions due to a Delayed Start

If a planned outage with advance approval that starts and ends in the same day is delayed to start, but can still be completed by the end of the day, the IESO will assess the extension on a best effort basis prior to revoking advance approval (i.e., before deciding not to allow the outage to proceed). Refer to *Market Manual 7.3, Section 1.3.5.7* for additional details.

**III. Testing and Commissioning**

The IESO will attempt to provide market participants with flexibility for all planned testing and commissioning after the submission deadlines for 3-day advance approval or pre-approval (i.e. 1-day advance approval) on a best effort basis, provided that the scope of the testing or commissioning, including any potential scope changes, is identified by the market participant at the time of the original submission. This approach ensures that the IESO has an opportunity to reliably assess the fluid nature of testing or commissioning for the entire test/commissioning period and, in exchange, assess any shorter notice changes made to the test plan on a best effort basis. Refer to *Market Manual 7.3, Sections 1.3.15.1 through 1.3.15.5* for additional details and examples.

**IV. Generator Deratings to Support Ramping**

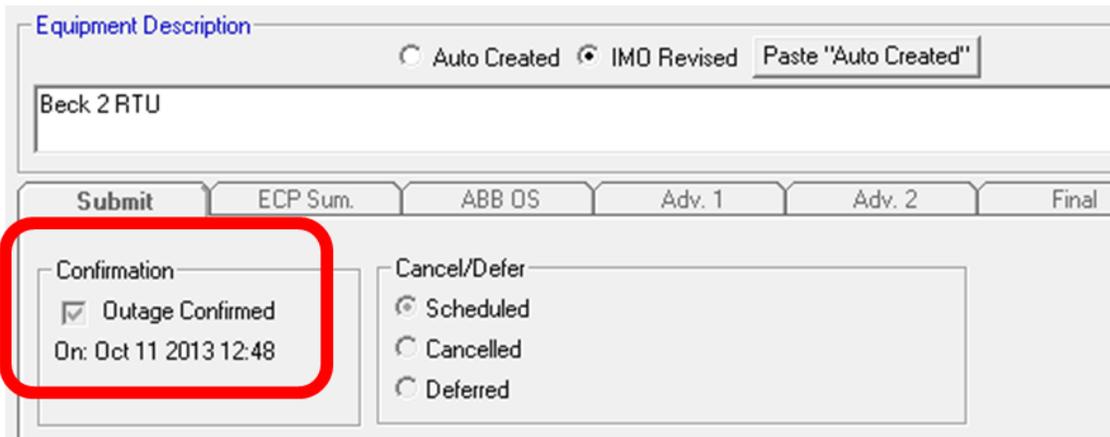
Derating requests required to support a generator ramp-down or start-up received after the submission deadlines for 3-day advance approval or pre-approval (i.e., 1-day advance approval) will be assessed by the IESO on a best effort basis. Refer to *Market Manual 7.3, Section 1.3.9* for additional details.

**Software Impact****Planned Outages**

Although short notice requests are no longer being accepted, the terminology will still be retained in the software tools [i.e., you will still see a late request for 3-day advance approval displayed as Short Notice or Short Notice Planned Outage (SNPO)].

The IESO has modified existing software rules that will continue to calculate Short Notice or SNPO, however only if planned outages are submitted after 16:00 EST, 5 business days in advance of the start date. The IESO will use this designation to identify late requests for 3-day advance approval.

The Short Notice or SNPO outage must be submitted and confirmed as a “Request for Pre-approval” via the “Outage Confirmed” checkbox (see IESO software figure below) by 16:00 EST, 2 business days prior to the start of the planned outage. The IESO will reject late submissions.



Equipment Description

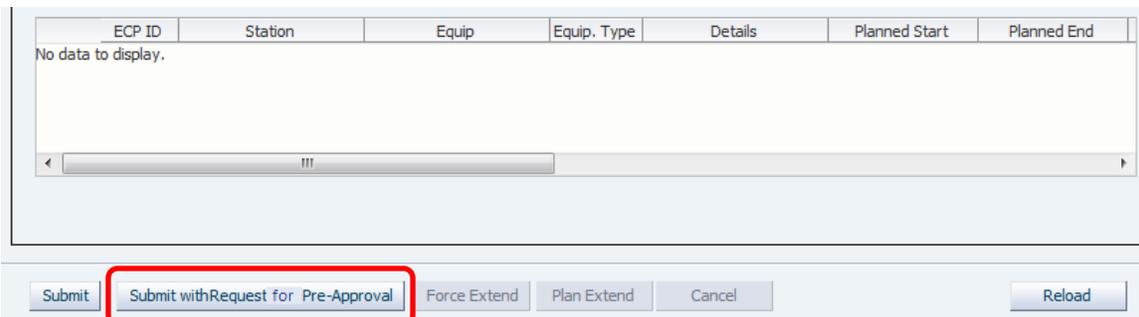
Auto Created
  IMO Revised

Beck 2 RTU

Outage Confirmed  
 On: Oct 11 2013 12:48

Cancel/Defer  
 Scheduled  
 Cancelled  
 Deferred

The “Outage Confirmed” checkbox shown above is flagged if you select the corresponding “Submit with Request for Pre-approval” button on the On-line Outage Request Form shown below. For additional details, see the Step-by-Step guide for the On-Line Outage Request Tool on the IESO [Training Courses and Materials](#) webpage.



ECP ID	Station	Equip	Equip. Type	Details	Planned Start	Planned End
No data to display.						

With respect to requests for pre-approval (i.e., 1-day advance approval), the IESO will first verify that the requests are submitted and confirmed (via the flag above) by 16:00 EST, 2 business days out, and then validate that the requests meet pre-approval criteria (refer to *Market Manual 7.3, Appendix B* for criteria details). The possible outcomes are as follows:

- If the outage fails to satisfy the pre-approval criteria, the IESO will reject it.
- If the outage being requested for pre-approval (i.e., 1-day advance approval) satisfies the pre-approval criteria, the IESO will continue with its reliability assessment of the pre-approval request. The IESO will provide advance approval or reject the request by 14:00 EST, 1 business day in advance.
- If the outage is rejected, the reason for rejection will be provided electronically (e.g., “late”, “does not meet pre-approval criteria”, or “due to reliability concerns”).

## Forced Outages

In order for a market participant to submit and identify forced or urgent outages with time-limited scheduling flexibility, an outage request using the “forced” outage code

must be submitted. This requirement applies to both the day-ahead and real-time timeframes.

## **Summary**

This document is intended as a quick-reference guide to assist market participants in understanding the new outage submission and approval requirements. For more detailed information, please refer to the resource material listed below.

## **Additional Information**

- For more information on outage management, refer to *Market Manual 7.3: Outage Management*, available on the IESO [Rules and Manuals](#) webpage.
- For more information on the *Market Rule Amendment Proposal* relating to outage management, refer to [MR-00404-R00](#).