
Market Manual 4: Market Operations

Part 0.4.3: Operation of the Real-Time Market

Issue 3.1~~Issue 3.0~~
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This procedure provides guidance to *market participants* on the *real-time scheduling* process in the real-time *energy* and *operating reserve* markets.

Note – Excerpt of Market Manual 0.4.3 highlights the associated manual changes that will be presented at the August 19, 2025 stakeholder engagement meeting.

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2.3.3.1 Daily Dispatch Data Across Two Dispatch Days

Daily dispatch data for the current day – In most cases, the daily *dispatch data* submitted for a *dispatch day* will be used to determine *pre-dispatch schedules* for that *dispatch day*. In cases where the pre-dispatch look-ahead period spans two *dispatch days* (i.e. for the 20:00 to 22:00 EST *pre-dispatch calculation engine* runs) the *IESO* may use daily *dispatch data* submitted for a different *dispatch day*, as set out in this section.

Daily dispatch data for the next day – The *pre-dispatch calculation engine* uses the following *daily dispatch data* if submitted for the next *dispatch day* across the entire look-ahead period:

- *time lag*;
- *MWh ratio*;
- downstream *linked forebay*;
- *minimum generation block down time* (MGBDT);
- *lead time*;
- *ramp up energy to minimum loading point* and *ramp hours to minimum loading point*;
- daily energy ramp rate;
- *minimum loading point* (MLP), subject to the exception below; and
- *minimum generation block run time* (MGBRT), subject to the exception below.

Exception – The *IESO* will use the MLP and MGBRT for the current *dispatch day* rather than the next *dispatch day*, where the *GOG-eligible resource* received a *day-ahead operational commitment*, *pre-dispatch operational commitment*, or *reliability commitment* prior to the first *pre-dispatch calculation engine* run at 20:00 EST. In this case, the MLP and MGBRT for the current *dispatch day* will continue to apply

until the commitment is complete even if the commitment extends into the next *dispatch day*. Once the commitment is complete the MLP and MGBRT for the next *dispatch day* will apply.

Single cycle mode – When the pre-dispatch look-ahead period spans two *dispatch days* (i.e. during the 20:00 to 22:00 EST *pre-dispatch calculation engine* runs), the *pre-dispatch calculation engine* will use the *single cycle mode* submitted for the next *dispatch day* for the entire look-ahead period. However, if the *pseudo-unit* is online at 20:00 EST, or is scheduled to be synchronized before the end of the current *dispatch day*, then the following two exceptions apply:

Table 2-1: Exceptions to Use of Single Cycle Mode

Constraint status	Treatment of single cycle mode
The <i>pseudo-unit</i> is NOT subject to a minimum constraint to keep the <i>resource</i> in-service through midnight	<ul style="list-style-type: none"> The <i>pre-dispatch calculation engine</i> will use the <i>single cycle mode</i> submitted for the current <i>dispatch day</i> until the end of the current <i>dispatch day</i> and use the <i>single cycle mode</i> submitted for the next <i>dispatch day</i> for the next <i>dispatch day</i>. The <i>pre-dispatch calculation engine</i> will schedule the <i>pseudo-unit</i> to 0 MW in HE01 of the next <i>dispatch day</i> to respect the <i>registered market participant</i> submitted change in the operating mode.
The <i>pseudo-unit</i> is subject to a minimum constraint to keep the <i>resource</i> in-service through midnight	<ul style="list-style-type: none"> <i>Registered market participants</i> <u>are prohibited from</u> submitting should avoid revisions to <i>single cycle mode</i> status while a minimum constraint on a <i>resource</i> is in-service through midnight until the completion of the minimum constraint. <u>(MR Ch.7 s3.3.7.3)</u> If a <i>registered market participant</i> revised its <i>single cycle mode</i> status prior to the commitment/minimum constraint through midnight, the <i>registered market participant</i> should <u>is required to</u> revise the <i>single cycle mode</i> submission back to its previous status until the completion of the minimum constraint <u>(MR Ch.7 s3.3.7.3A)</u>.