Stakeholder Feedback and IESO Response

Market Renewal Program: Calculation engine rule amendments posted on July 13, 2022

The IESO posted updated calculation engines draft market rules and market manual amendments on July 13, 2022 and received written feedback:

1. Ontario Power Generation

Related materials have been posted on the IESO MRP stakeholder engagement webpage for this engagement. If interested, please visit the webpage to reference the feedback submissions directly as the below uses excerpts and/or a summary of the stakeholder feedback for the purposes of providing an IESO response.

Please contact IESO Engagement at engagement@ieso.ca if you have any questions.

Ontario Power Generation

Ontario Power Generation Feedback and IESO Responses

Note: Section references in the "Section" column relate to the proposed market rule amendments (PDF) posted July 13 2022, on the IESO's stakeholder engagement page. In these responses, "DAM" means "Day-Ahead Market", "PD" means "Pre-Dispatch", and "RT" means "Real-Time".

Section	Feedback	IESO Response
Appendix 7.2A, section 8.6.1.2	1. Could the IESO expand upon how $URRDG_b$ is selected from the hourly $URRDG_{t,b,w}$, and how $DRRDG_b$ is selected from the hourly $DRRDG_{t,b,w}$? 2. Is $URRDG_b$ a single value or a set of up to five values? 3. Is $DRRDG_b$ a single value or a set of up to five values?	1. $URRDG_b$ is selected from $URRDG_{t,b,w}$ (i.e. the up to five ramp up rates submitted by the participant). For example, $URRDG_b$ will be selected to be $URRDG_{t,b,w=4}$ (i.e., the 4th ramp up rate submitted by the participant) when the resource is operating in the range between $RmpRngMaxDG_{t,b,w=3}$ and $RmpRngMaxDG_{t,b,w=4}$. This same logic

Section	Feedback	IESO Response
		applies for the selection of $DRRDG_b$. Both are described in the definition of $URRDG_{t,b,w}$ and $DRRDG_{t,b,w}$ in Section 4.2.2.13 and 4.2.2.14 respectively in the updated PD engine appendix. 2 & 3. As implied above, $URRDG_b$ and $DRRDG_b$ are single values selected from the up to five ramp up rates and ramp down rates submitted by the market participant as $URRDG_{t,b,w}$ and $DRRDG_{t,b,w}$ respectively.
Appendix 7.2A, section 8.6.1.7	The formulas in Sections 8.6.1.7.1, 8.6.1.7.2 and 8.6.1.7.3 appear to refer to $URRDG_b$ and $DRRDG_b$ as hourly parameters. In the IESO's Response to Implementation Feedback – Calculation Engines dated June 9, 2022, ID 10A confirmed that $URRDG_b$ is a daily parameter in the Day-Ahead and Pre-Dispatch Calculation Engines. Can the IESO confirm if $URRDG_b$ is an hourly or a daily parameter in the Day-Ahead and Pre-Dispatch Calculation Engines? This same question also applies to $DRRDG_b$.	It is $URRDG_{t,b,w}$ that is the daily parameter submitted by the participant, and $URRDG_b$ is a single value selected from the $URRDG_{t,b,w}$ set, where $URRDG_b$ can be different for each hour. The same applies for the relationship between $DRRDG_{t,b,w}$ and $DRRDG_b$.