# Stakeholder Feedback and IESO Response

# Market Renewal – Energy Project Implementation Market Settlements, Metering and Billing – January 29, 2024

The IESO published amendments to the Market Rules and Market Manuals to incorporate Market Settlements, Metering, and Billing changes on January 29, 2024. The IESO received written feedback from:

Evolugen by Brookfield Renewable

**Ontario Power Generation** 

Related presentation materials and recorded sessions have been posted on the IESO <u>stakeholder</u> <u>engagement webpage</u>. 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 <a href="mailto:engagement@ieso.ca">engagement@ieso.ca</a> if you have any questions.



## Evolugen by Brookfield Renewable

#### Table 1 | Evolugen by Brookfield Feedback and IESO Responses

#### Feedback

#### Market Rules, Chapter 9: Market Settlements, Market Billing and Funds Administration

On regulation services:

In either Market Rule Chapter 9 or Market Manual 5.5, we failed to locate language that indicates how regulation services will be treated and settled in the new market design. Assuming that market participants would be submitting their basepoint offers in the Dav-Ahead Market with an email documenting their regulation hours and ranges, would economical generation basepoints then clear the Day-Ahead Market, and be assigned a financially binding schedule? In turn, we assume that the IESO would control the regulation setpoint in Real-Time, and thus the MW output of the units committed to provide regulation service. In this context, mechanisms need to be put in place in the Market Rule and/or Market Manual's settlement process, or the contracts themselves, to make the market participant whole when the IESO exercises control.

• We also note that Operating Reserves' pricing used in the settlement process of the regulation contracts is not mentioned in the updated Manual. Please confirm if this pricing would be defined and settled via the regulation contract directly, and that its omission in the Market Manual is intentional.

#### **IESO** Response

The settlement of regulation service is in accordance with regulation services agreement, and as such is intentionally not part of the Market Rules and Market Manuals. We have directed these comments to the appropriate IESO contact for these agreements.

## **Ontario Power Generation**

#### Table 2 | Ontario Power Generation Feedback and IESO Responses

Feedback	IESO Response		
Market Manual 5.5	The IESO has made the necessary updates to resolve this concern. It will be reflected in the Final Alignment batch.		
Section 2.1			
Section 2.1 Two Settlement System. There is no mention of the Recalculated Settlement Statements (RCSS implemented in May 2023) in the Settlement statements section - these should be mentioned in this section.			
Market Manual 5.5	These charge types can be found in section		
Table 2-13	2.29 under their respective headings. More specifically, CT 1908 and CT 1909 can be		
<ul> <li>Table 2-13: Real-Time Make-Whole Payment</li> <li>Settlement Amounts – This table should include the following Charge Types:</li> <li>CT1908 - Real-Time Make-Whole Payment – Operating Reserve Non- Accessibility Lost Cost Reversa (RT_OLCR)</li> <li>CT1909 - Real-Time Make-Whole Payment – Operating Reserve Non- Accessibility Lost Opportunity Cost Reversal (RT_OLOCRC)</li> </ul>	found in table 2-42.		
Market Manual 5.5	This charge type can be found in section		
Table 2-17	2.29 under its respective heading. More specifically, CT 1915 can be found in table 2-		
<ul> <li>Table 2-17: Real-Time Generator Offer Guarantee</li> <li>Settlement Amounts – This table should include the following Charge Type:</li> <li>CT1915 - Real-Time Generator Offer Guarantee</li> <li>– Operating Reserve Non- Accessibility Reversal</li> </ul>	44.		

#### **Charge Types and Equations**

#### Section 2.2.2

Section 2.2.2. Physical Market Charge Types and Equations (pg 36/401) – Typo in Charge Type CT208 "10-Minute Non-Spinning Non-Accessibility Settlement Amount". The IESO has made the necessary updates to correct this typographical error. It will be reflected in the Final Alignment batch.

#### **Charge Types and Equations**

#### **Active and Inactive Tables**

The Active and Inactive IESO Charge Types and Equations Tables are confusing to use when a CT is being updated/retired for MRP, and we request the IESO to more clearly and easily identify when a CT is being updated/retired for MRP. As an example, CT186 appears on both the active and inactive tables, and we understand that CT186 "Intertie Failure Charge Rebate" is inactive but CT186 "Intertie Failure Charge Uplift" is active. A similar scenario is CT1114 and CT1115.

#### **Charge Types and Equations**

#### **CT208**

CT 208, it should be RT\_QSOR(r2) instead of AQOR

 $= Max \Big( 0, MAX_CAP_{k,k}^{m,t} - AQEI_{k,k}^{m,t} \Big)$ 

ration resources non-pseudo-units

#### **Charge Types and Equations**

#### CT1900++

CT 1900+, document shows RT\_MWP and the variable is RT\_ELC, RT\_OLC, etc (Usually the formula matches with the variable name in Charge Code, but those 19xx charge codes do not). Example below.

1901	(RT_MWP) 3.5.10	ss.3.5.6,	$ \begin{split} & \text{Starticly} \   \ e \ ( \ \text{Constraint} \ \text{Reserves and startic dwith a Pseudo-Unit } \\ & - O(F_T \ P \ \text{Reserves and startic dwith a Pseudo-Unit } \\ & - O(F_T \ P \ \text{Reserves and startic dwith a Pseudo-Unit } \\ & - O(F_T \ P \ \text{Reserves and startic dwith a Pseudo-Unit (Constraint) } \\ & \text{Example and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & \text{Reserves and the startic dwith a Pseudo-Unit (Constraint) Turbine} \\ & Reserves and the$	Interval	Due MP	TED
		$ \begin{array}{l} Dispatchable Generation Resources Associated with a Pseudo-Unit: Steam Turbine \\ BT_OU_{1n}^{c_1} = -1 \times \left[ O(RT_PBOR_{1n}^{c_1})_{ARTO}DAR_O(OR_{1n,A})_{ARTO}DAR_O(OR_{1n,A})_{ARTO}DR_O(OR_$				
	not these					

The IESO has added additional information to clarify the MRP amendments. It will be reflected in the Final Alignment batch.

**IESO Response** 

The IESO has made the necessary updates to correct this typographical error. It will be reflected in the Final Alignment batch.

The IESO has updated the charge type name to ensure better alignment. It will be reflected in the Final Alignment batch.

