# Market Renewal Program Feedback Form

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

#### Feedback Provided by:

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Email:

Date: Friday February 23, 2024

To promote transparency, feedback submitted will be posted on the Implementation Engagement webpage unless otherwise requested by the sender.

The Independent Electricity System Operator (IESO) is seeking feedback from stakeholders on the Market Settlements, Metering and Billing changes made to the Market Rules and Market Manuals to incorporate changes related to operating reserve accessibility and capacity auction.

Please submit feedback to <a href="mailto:engagement@ieso.ca">engagement@ieso.ca</a> by February 26, 2024. If you wish to provide confidential feedback, please mark the document "Confidential". Otherwise, to promote transparency, feedback that is not marked "Confidential" will be posted on the engagement webpage.



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

What feedback do you have Chapter 9 of the draft Market Rules?

Section / Topic	Feedback
Click or tap here to enter text.	No comments for Chapter 9.

#### Market Rules, Chapter 9: Appendices

What feedback do you have Chapter 9 Appendices of the draft Market Rules?

Section / Topic	Feedback
Click or tap here to enter text.	No comments for Chapter 9 Appendices.

#### Market Manual 5.5

What feedback do you have on the draft Market Manual 5.5?

Section / Topic	Feedback
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.
Table 2-13	Table 2-13: Real-Time Make-Whole Payment Settlement Amounts – This table should include the following Charge Types:  - CT1908 - Real-Time Make-Whole Payment – Operating Reserve Non-Accessibility Lost Cost Reversal (RT_OLCR)  - CT1909 -Real-Time Make-Whole Payment – Operating Reserve Non-Accessibility Lost Opportunity Cost Reversal (RT_OLOCRC)
Table 2-17	Table 2-17: Real-Time Generator Offer Guarantee Settlement Amounts – This table should include the following Charge Type: - CT1915 - Real-Time Generator Offer Guarantee – Operating Reserve Non-Accessibility Reversal

#### Charge Types and Equations

#### What feedback do you have on the draft Charge Types and Equations?

Section / Topic	Feedback					
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".					
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.					
CT208	CT 208, it should be RT_QSOR(r2) instead of AQOR					
	For dispatchable loads and non-aggregated  ORSCR_{72kh}^{m.t} = Min[0, [Max(0, TAOR_{kh}^{m.t} - RT_QSOR_{l,kh}) - AQOR_{72kh}^{m.t}] \times RT^{b} \cdot ROR_{72k}^{m.t}]  Where:  1. For a dispatchable electricity storage resource or a non-aggregated dispatchable generation resource.  aTAOR_{kh}^{m.t} = Max(0, MAX_CAP_{kh}^{m.t} - AQEI_{kh}^{m.t})  bMAX_CAP_{kh}^{m.t} = Max(0, MAX_CAP_{kh}^{m.t} - AQEI_{kh}^{m.t})  Settlement Amount  (ORSCB)  MR Ch.9					

Section / Topic	Feedback						
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.						
	Real-Time Make-Whole Payment Lost Cost for 10-Minute Spinning Reserve (RT_MWP)  Real-Time Make-Whole Payment Lost Cost for 10-Minute Sc. 3.5.96, and Reserve (RT_MWP)  Real-Time Make-Whole Payment Lost Cost for 10-Minute Sc. 3.5.96, and Reserve (RT_MWP)  Real-Time Make-Whole Payment Lost Cost for 10-Minute Sc. 3.5.96, and Reserve (RT_MWP)  Reserve (RT_MWP)  Real-Time Make-Whole Payment Lost Cost for 10-Minute Sc. 3.5.96, and Reserve (RT_PROR_{r,t,h}^{r,t,t}), Max(DAM_QSOR_{r,t,h}^{r,t,t}), RT_QSOR_{r,t,h}^{r,t,t})] (RT_MWP)  Dispatchable Generation Resources Associated with a Pseudo-Unit: Combustion Turbine RT_OLC_{k,h}^{c,t} = -1 \times [OP(RT_PROR_{r,t,h}^{r,t,t}), Max(DAM_QSOR_{r,t,h}^{r,t,t}), RT_QSOR_{r,t,h}^{r,t,t})] (RT_PROR_{r,t,h}^{r,t,t}) (RT_PROR_{r,t,h}^{r,t,t}), Max(RT_OR_LC_EOP_{r,t,h}^{r,t,t}), RT_QSOR_{r,t,h}^{r,t,t})] (RT_PROR_{r,t,h}^{r,t,t}) (RT_PROR_{r,t,h}^{r,t,t}), Max(DAM_QSOR_{r,t,h}^{r,t,t}), RT_QSOR_{r,t,h}^{r,t,t})] (RT_PROR_{r,t,h}^{r,t,t}) (RT_PROR_{r,t,h}^{r,t,t}), Max(DAM_QSOR_{r,t,h}^{r,t,t}), RT_QSOR_{r,t,h}^{r,t,t})] (RT_PROR_{r,t,h}^{r,t,t}) (RT_PROR_{r,t,h}^{r,t,t}), Max(RT_OR_LC_EOP_{r,t,h}^{r,t,t}), RT_QSOR_{r,t,h}^{r,t,t})] (RT_PROR_{r,t,h}^{r,t,t}) (RT_PROR_{r,t,h}^{r,t,t}), Max(RT_OR_LC_EOP_{r,t,h}^{r,t,t}), RT_QSOR_{r,t,h}^{r,t,t,t})] (RT_PROR_{r,t,h}^{r,t,t}) (RT_PROR_{r,t,h}^{r,t,t,t}), Max(RT_OR_LC_EOP_{r,t,h}^{r,t,t}), RT_QSOR_{r,t,h}^{r,t,t,t}) (RT_PROR_{r,t,h}^{r,t,t,t}) (RT_PROR_{r,t,h}^{r,t,t,t}) (RT_PROR_{r,t,h}^{r,t,t,t,t}) (RT_PROR_{r,t,h}^{r,t,t,t,t,t}) (RT_PROR_{r,t,h}^{r,t,t,t,t,t,t,t,t,t,t,t,t,t,t,t,t,t,t,t	Interval	Due MP	ТВО			

#### General Comments/Feedback

No comments.