

IESO Response to Feedback on MRP Energy Detailed Design

Items Carrying Forward from Detailed Design to Implementation



Update: November 10, 2022

The IESO has updated the list of items to reflect the current status and projected completion date.

Feedback to Be Addressed During Implementation

In its responses to stakeholder feedback on the Energy Detailed Design, the IESO stated that some pieces of feedback would be carried forward into the Implementation phase of the Market Renewal Program (MRP). Below is a list of those items, organized alphabetically by feedback topic. The identification (ID) numbers correspond to the IESO's feedback response IDs, as included in each of the feedback response documents.

Topic	Action	Feedback Response ID(s)	Status	Comments
Calculation Engines	Determine the quantities and prices that will be used in the operating reserve penalty curves and other constraint violation values	113, 441, 489, 494	In Progress (Q3 2023)	To be included in Market and System Operations batch of market rules and market manuals
Calculation Engines	Develop the sequence by which constraints will be relaxed, in collaboration with hydroelectric participants	630, 664	Complete (August 2022)	Brought forward to stakeholders for discussion
Calculation Engines	Engage with a 3rd party to review the functionality of the Day-Ahead Market (DAM), Pre-Dispatch (PD) and Real-Time calculation engines. The review will provide assurance that the functionality of each calculation engine is consistent with the intended design as documented in the Market Rules	642	Planned (Q1 2023)	RFP for third-party vendor scheduled to be completed in Q1 2023
Market Power Mitigation	Consult with stakeholders on the independent review process	857	Complete (May 2021)	Dedicated engagement on May 27, 2021; subsequent discussions with stakeholders through the Technical Panel
Market Power Mitigation	Determine procedures for the intra-day reference level revision process	476	Complete (Aug 2021)	Included in Market Power Mitigation batch of market rules and market manuals
Market Power Mitigation	Develop methodologies for determining constrained areas; use currently available data to provide an assessment of what areas of the grid would be classified as a narrowly constrained area	851, 294	Complete (Aug 2021)	Included in Market Power Mitigation batch of market rules and market manuals
Market Power Mitigation	Develop methodologies for determining reference levels and quantities	852, 853, 306, 194	Complete (Feb 2021)	Written guide and workbooks produced with stakeholder input in Feb 2021 and updated periodically; included in Market Power Mitigation batch of market rules and market manuals; discussions with stakeholders continue
Processes & Procedures	Develop a procedure to notify market participants when the IESO includes incremental imports in the PD for system reliability	391	In Progress (Q3 2023)	To be included in Market and System Operations batch of market rules and market manuals
Processes & Procedures	Establish the early validation process to determine sufficient dispatch data before the close of the DAM submission window	351	In Progress (Q3 2023)	To be included in Market and System Operations batch of market rules and market manuals
Processes & Procedures	Explore potential opportunities to further streamline the Availability Declaration Envelope (ADE) evaluation and approval process	340	In Progress (Q3 2023)	To be included in Market and System Operations batch of market rules and market manuals

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Processes & Procedures	Identify any additional emergency control actions that may be required in the future market	390	In Progress (Q3 2023)	To be included in Market and System Operations batch of market rules and market manuals
Reporting	Consider consolidating all Daily Generator Data submitted by participants into a single report, which includes Daily Energy Limits (DELs), number of starts tracking, forbidden regions, etc.	17	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Reporting	Consider consolidating similar information and publishing the consolidation in the same reports. For example, Publish Maximum Import/Export Limits, Net Interchange Scheduling Limit (NISL), and Lake Erie Circulation Forecast in the one report, all Operating Reserve data in one report, and security limits and reliability constraints together in a separate report	343	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Reporting	Consider consolidating the reporting processes to include standard reporting and timing of the information that would be contained in an Advisory Notice into the Adequacy report	342	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Reporting	Consider producing a confidential report to market participants that shows what the IESO tool calculates in terms of generator status (e.g. hot, warm, cold)	18	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Reporting	Consider providing a new public report for Load Forecast Deviation Charge (LFDC) at the earliest available time, similar to other Market Price Reports; provide more information on reporting LFDC	555, 861, 258	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Reporting	Consider providing archival access to reports that are being retired under MRP	43	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Reporting	Consider providing report templates	37, 39, 6, 7, 11, 12, 16	In Progress (Q4 2023)	Report templates and schema files will be provided in batches
Reporting	Consider providing reports that will allow Market Participants to understand and reconcile the components of the DAM Reliability Scheduling Uplift (DRSU) and how it applies to resources	532	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Reporting	Consider publishing private detailed reports with hourly results for all three DAM passes to provide information necessary for settlement amount reconciliation	542	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Reporting	Determine details for reports - timing, delivery mechanism, etc.	357, 611, 513, 194, 20, 31, 33, 36, 742, 797, 798, 344	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Reporting	Determine details on reporting shadow prices	619, 688	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Reporting	Establish specific details on the mechanics of the automatic notification of commitment	363	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Reporting	Explore opportunities where possible - while adhering to confidentiality provisions - to enhance advisory notifications to include information on revised inputs utilized to re-run the DAM calculation engine	354	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Reporting	Provide more information on publishing and reporting the Congestion Rent and Loss Residual Disbursement	265	For Discussion (Q4 2022)	To be included in Market Settlement, Metering and Billing batch of market rules and market manuals
Reporting	Provide more information on the reporting of settlement derived input data	547	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders

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Topic	Action	Feedback Response ID(s)	Status	Comments
Settlement	Consider adding specification for the below components in IMP_SPEC_0005 Format Specification for Settlement Statement Files and Data Files: <ul style="list-style-type: none"> Market Power Mitigation results, e.g. indicators for dispatch data (price and schedule) was produced upon ex-ante mitigation functions. Eligibility and Variant indicators information for new Settlement Amounts are calculated upon (1) eligible/ineligible criteria, (2) applicable Variant scenario and (3) applicable persistence multipliers 	599	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Settlement	Consider including a detailed breakdown of calculations in future settlement statements, including all the necessary data for market participants to verify statement correctness	528	In Progress (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Settlement	Consider including a new section on Non-Dispatchable Load (NDL) settlement that is not subject to the two-settlement system in the market manual	269	In Progress (Q4 2022)	To be included in Market Settlement, Metering and Billing batch of market rules and market manuals
Settlement	Consider including the inferred state of the unit (e.g. hot, warm, or cold) used by the IESO in determining the start-up costs in settlement data files	545	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Settlement	Consider indicating the hours where each resource is eligible for Generation Station Service Rebate (GSSR) in future settlement statements with GSSR	585	For Discussion (Q4 2023)	Reporting items for consideration to be discussed with stakeholders
Settlement	Consult the Canada Revenue Agency in determining the tax treatment for new and revised settlement and will incorporated the recommended tax treatment in the IESO Charge Types and Equations document	268	In Progress (Q3 2023)	Consultation underway, expected to be completed in 2023
Settlement	Provide more information on reporting of DAM Quantity of Energy Scheduled for Withdrawal on settlement statements	862	In Progress (4 2023)	Reporting items for consideration to be discussed with stakeholders
Settlement	Provide more information on the settlement process for de-committed resources	370, 382	In Progress (Q4 2022)	To be included in Market Settlement, Metering and Billing batch of market rules and market manuals
Settlement	Provide details of the settlement process to address Dispatch Scheduling errors in the market manuals	597	In Progress (Q4 2022)	To be included in Market Settlement, Metering and Billing batch of market rules and market manuals
Settlement	Provide documentation and background to the Charge Types and Equations that will used in the renewed market	589	In Progress (Q4 2022)	To be included in Market Settlement, Metering and Billing batch of market rules and market manuals
Settlement	Provide more information on details of the settlement statement for Hourly Physical Transaction Settlement Amount (HPTSA){1}	552	In Progress (Q4 2022)	To be included in Market Settlement, Metering and Billing batch of market rules and market manuals
Settlement	Provide more information on methodology and reporting of Economic Operating Point (EOP)	549, 570, 796	Complete (April2022)	Dedicated education and engagement session for EOP occurred in April
Settlement	Provide more information on settlement data files and settlement statements	270, 529, 530, 531, 546, 551, 557, 559, 586, 595	In Progress (Q4 2023)	Details of the settlement charges Market Settlement, Metering and Billing batch of market rules and market manuals
Settlement	Provide more information on the settlement statement for DAM Make Whole Payment (MWP)	556	In Progress (Q4 2022)	To be included in Market Settlement, Metering and Billing batch of market rules and market manuals

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Settlement	Provide more information on the settlement statement for the Congestion Rent and Loss Residual Disbursement (CRLRD)	583	In Progress (Q4 2022)	To be included in Market Settlement, Metering and Billing batch of market rules and market manuals
Settlement	Provide more information on the transition between existing and new settlement amounts	533	In Progress (Q4 2023)	To be included in training and educational materials for market participants
Settlement	Provide transparency on the process and methodology for after-the-fact settlement corrections (i.e. dispatch scheduling errors) as part of the market manuals	587	In Progress (Q4 2022)	To be included in Market Settlement, Metering and Billing batch of market rules and market manuals
Other	Develop more detailed prudential security requirements	109	Complete (Oct 2020)	Included in Market Entry batch of Market Rules and Market Manuals
Other	Endeavor to publish a master list of anticipated market rule changes, or a similar product, to assist stakeholders from a market rules integration perspective	85	Ongoing	A summary document is being published with each batch of market rules and market manuals; the MRP Consolidated Draft is available to aid stakeholder understanding
Other	Identify, scope, evaluate, and decide on enabling legislative amendments, amendments to regulatory policy and regulatory instruments (for Local Distribution Companies)	644	Ongoing	Engagement, as needed, with the Ministry of Energy and the Ontario Energy Board is ongoing
Other	Provide details on the platform that will be used for virtual transactions	70	In Progress (Q1 2023)	Virtual transactions will use the IESO's Energy Market Interface (EMI); to be included in technical specifications and market participant training
Other	Provide examples, scenarios, walkthroughs of the design	850	Ongoing	Continue to be included in training and educational materials for market participants
Other	Provide greater detail about the IESO's future near-term area demand forecast methodology	498, 610, 658	In Progress (Q3 2023)	To be included in Market and System Operations batch of market rules and market manuals
Other	Provide more information on the test plan and testing	823, 799, 44	Ongoing (Q4 2021)	Market participant readiness plan available for review, update forthcoming to reflect revised schedule and additional granularity
Other	Update the Information Confidentiality Catalogue to include new unclassified data parameters	46, 49, 51, 54	In Progress (Q2 2025)	To be finalized as a post-implementation activity