

# Memorandum

**To:** MRP Implementation Working Group

**From:** Stephen Nusbaum and Sushil Shah

**Date:** December 6, 2023

**Re:** Market Renewal Program (MRP): Update on Impacted Market Participant Reports

As the IESO moves forward with the development and testing of new and updated reports, the implementation team discovered that several reports provided duplicate information or would require significant changes to the tools and processes that accompany and/or are dependent on these reports.

As a result, the following reports and their associated changes will de-scoped from the Market Renewal Program, and will be removed from the list of sample reports and schemas that will be published in one of the four MRP report batches. The updated list will be posted under the [Technical Reference Materials](#) section of the Market Renewal webpage on the week of December 4.

- **Day-Ahead Check Source/ADE Report**

*Description:* This report provides market participants with a confirmation of their dispatch data submissions used to establish their Availability Declaration Envelope (ADE). It was identified to revise the timing of this report to align with the Day-Ahead Market timelines.

*Reason for Change:* This report will be retired post-MRP as the required information will be available in the Dispatch Data for Day Ahead Scheduling Process Report.

- **Ontario Near-Term Demand Forecast Report (Day 0 to 10)**

*Description:* This was a newly proposed report that would provide the forecast demand for each of the four forecast areas for Days 0 to 10 from when the report is published.

*Reason for Change:* Further analysis showed that this information will be available in the Adequacy Report.

- **Ontario Mid-term Demand Forecast Report (Day 11 to 34)**

*Description:* This was a newly proposed report that would provide the forecast demand for the current East and West demand zones for Days 11 to 34 from when the report is published.

*Reason for Change:* Further analysis showed that this information will be in the Adequacy Report.

- **Physical Transaction Dispatchable Resource Energy Price Report and Physical Transaction Non-Dispatchable Load Energy Price Report**

*Description:* These new reports for MRP were to provide market participants with the average day-ahead and average real-time price delta for the Ontario Zonal Price (for non-dispatchable loads) and LMP (for dispatchable loads).

*Reason for Change:* These reports are being de-scoped from MRP as this information will be provided to market participants via their confidential prudential records in Online IESO.

- **TR Hourly Zonal Price Report**

*Description:* This is an existing report that provides the hourly zonal prices for Ontario and each of the intertie zones as determined by the last pre-dispatch unconstrained schedule. It was identified to revise this report to show day-ahead external congestion prices for each intertie zone required for settlement of the Transmission Rights (TR) Market post-MRP.

*Reason for Change:* This report will be retired post-MRP as the required information will be available in the Day-Ahead Hourly Intertie Energy LMP Report, as well as in the participant TR settlement statements.

- **Transmission Facility Outage Limits Report (Days 0 to 2) and Transmission Facility Outage Limits Report (Days 3 to 34)**

*Description:* These are existing reports that list the transmission limits during outages for impacted internal and intertie transmission facilities. It was proposed to enhance this report to show the normal operating limits.

*Reason for Change:* These reports will not be enhanced as the normal operating limits are provided in existing Transmission Facility All in Service Report (Days 0 to 34). The proposed enhancements would have created implementation challenges. For example;

- If an All-in-Service limit changes during an outage, there is a chance that an interface can have two limits during that outage period.
- Some transmission limits do not have an All-in-Service limit, and only have an outage limit.

As such, there will be no changes to these existing reports.

- **Variable Generation Forecast by Resource Report**

*Description:* This report provides market participants with an energy forecast for the next 48 hours for all of their variable generators. It was identified to revise the timing of this report to align with Day-Ahead Market submission timelines.

*Reason for Change:* No change is required as this report is published approximately 5 minutes prior to every hour which is already aligned with Day-Ahead Market submission timelines.

- **Yearly Hourly Energy and Operating Reserve Price Report for Day-Ahead, Pre-dispatch and Real-time**

*Description:* Three new reports (one for each of the three timeframes) were proposed to be published year-to-date hourly (for DAM and PD) or 5-min interval (for real-time) LMPs for energy and operating reserve for every delivery point and intertie tie-point.

*Reason for Change:* These three reports will be de-scoped as the expected large file size makes for implementation unpractical. Information will be provided in energy and operating reserve LMP reports for each of the three timeframes.

In addition to the reports that will be removed from the list, the following additional reports also require design changes or have been added as reports that will be impacted by MRP:

- **Customer Energy Summary Report**

*Description:* This is a consolidated report on values that are intended to help market participants better understand their monthly invoices.

*Identified Change:* This report will be revised due to the change from the use of the Hourly Ontario Energy Price (HOEP) to the new Ontario Zonal Energy Price in the renewed market.

- **System Adequacy Reports**

*Description:* These reports provide information on expected excess or shortfall of energy to meet demand, as well as information on resource outages.

*Identified Change:* The timing of the report for Days 2 to 34 has changed to align with current publishing timelines. It will now be published twice per day at approximately 08:45 EST and 15:00 EST.

- **Monthly Historical Interface Flows, Schedules, Transmission Transfer Capability**

*Description:* This report provides the actual hourly average schedules and flows as a result of scheduled and off-market transactions between Ontario and an intertie zone. The report also provides the total transfer capability that was used for determining the maximum import/export market schedules between Ontario and an intertie zone from the last run of the pre-dispatch constrained schedule.

*Identified Change:* The content of this report will be revised to provide energy scheduled in DAM between Ontario and the intertie zone, and to provide intertie transfer capacity into and out of Ontario as used by the DAM calculation engine. The revised report will have information from the day-ahead instead of the pre-dispatch for the transmission rights market participants as they will be settled in day-ahead timeframe post-MRP. The report name will be changed to Monthly Day-Ahead Historical Interface Schedules, Transmission Transfer Capability Report.

- **Dispatch Data Report for Real-time Scheduling Process**

*Description:* This new report under MRP will provide market participants with a summary of their final daily and hourly dispatch data submitted for the pre-dispatch and real-time scheduling processes.

*Identified Change:* The contents of this report will be split into two new reports to improve user readability and to improve report layout. The two new reports will be titled Dispatch Data for Real-time Scheduling Process for Resources, and Dispatch Data for Real-time Scheduling Process for Forebays.

- **Day-Ahead Area Reserve Constraints Report**

*Description:* This existing report contains the internal operating reserve constraints. It was identified for this report to be issued prior to the start of the day-ahead scheduling process.

*Identified Change:* In addition to this report being issued prior to the start of the day-ahead scheduling process at approximately 9:00 EPT, it will also be issued after the

successful completion and validation of the DAM calculation engine results to reflect internal operating reserve constraints as used by the DAM calculation engine.

- **Day-Ahead Intertie Scheduling Limits Report**

*Description:* This existing report contains the intertie scheduling limits. It was identified for this report to be issued prior to the start of the day-ahead scheduling process.

*Identified Change:* In addition to this report being issued prior to the start of the day-ahead scheduling process at approximately 9:00 EPT, it will also be issued after the successful completion and validation of the DAM calculation engine results to reflect intertie scheduling limits as used by the DAM calculation engine.

If there are questions or concerns about these changes, please submit an inquiry to the Market Renewal Team via the IESO Customer Relations mailbox: [customer.relations@ieso.ca](mailto:customer.relations@ieso.ca).