

Market Renewal Program

MRP Energy Detailed Design | Engagement Days

July 24, 2020

Today's Objective

- Share the high-level plan for engaging with stakeholders on market rules and market manuals
- Provide an update on the publishing timelines for the three calculation engine design documents
 - Day-Ahead, Pre-Dispatch, and Real-Time
- Outline next steps for engaging with stakeholders on reference levels and reference quantities

MRP Energy Detailed Design

- MRP detailed design is comprised of 13 documents that describe the end-to-end process of participation in the energy market.
- Stakeholders are provided a period of review for each batch of draft documents and encouraged to provide feedback to determine if any edits to the documents are required before transitioning to the implementation phase (i.e. draft rules, manuals, training, etc.)
- Currently, four draft design documents are being reviewed with feedback due this month:
 - Offers, Bids and Data Inputs; Market Power Mitigation; Grid and Market Operations Integration; and Market Settlement
- The final three draft documents to be released are:
 - Calculation Engines (Day-Ahead Market, Pre-Dispatch and Real-Time)

Update on Calculation Engine Design Documents

Calculation Engine Design Document Publishing Dates

Design Document	Planned Date	Revised Date
Day-Ahead Calculation Engine	July 27, 2020	July 27, 2020
Pre-Dispatch Calculation Engine		September 30, 2020
Real-Time Calculation Engine		August 31, 2020

Calculation Engine Technical Session

- The IESO will host a technical session on the calculation engines in August
- This session will cover the structure and functions of the calculation engines, including scheduling and pricing

Market Manuals and Market Rules Engagement

Market Rules and Market Manuals Batches

1. Market Entry (Authorization and Participation; Facility Registration) and Prudentials

2. Market Power Mitigation

3. Market and System Operations (Offers, Bids, and Data Inputs; Grid and Markets Operation Integration)

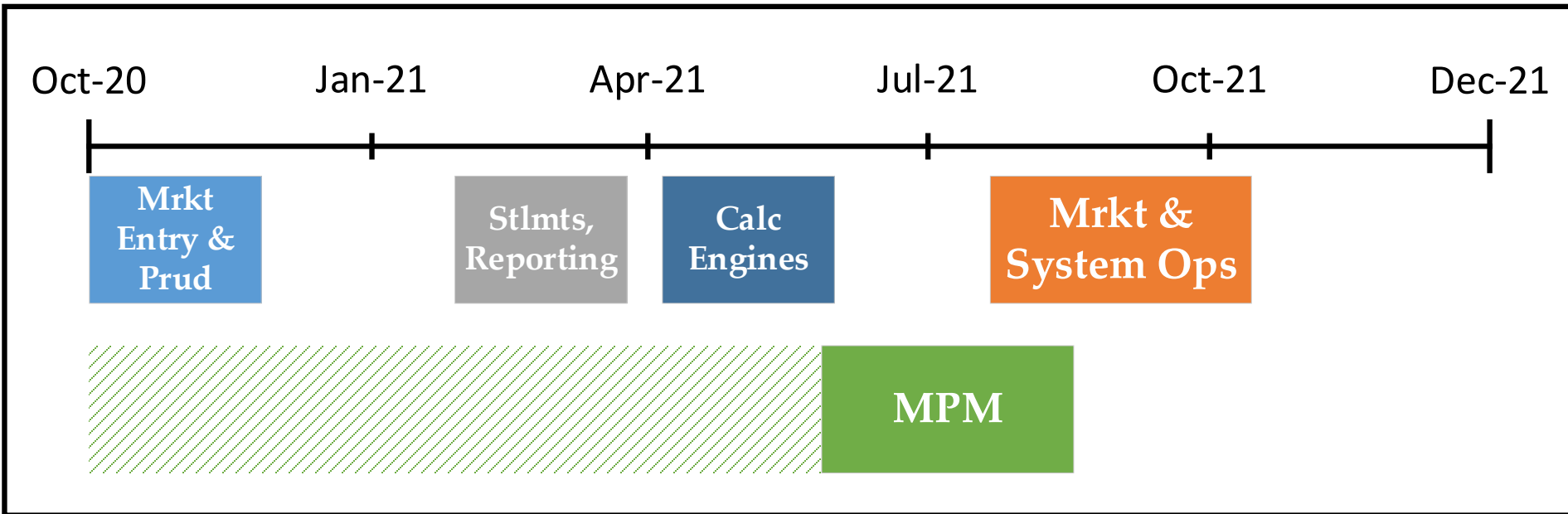
4. Settlements, Metering, Billing, and Publishing and Reporting

5. Calculation Engines

Stakeholder Review Process

- The IESO will support external stakeholders in their review of each batch of market rules and market manuals by:
 - Providing education on what is changing
 - Holding engagement meeting(s) during the comment period of each batch to discuss comments and questions
 - IESO will respond to stakeholder feedback and post revised rules and manuals as required
- Stakeholder feedback will also be reviewed by the Technical Panel

Stakeholder Review Timelines (Draft)



Note: dates are tentative

Engagement on Reference Levels and Reference Quantities

Engagement Objectives

- Promote stakeholder understanding of the methodology that will be used to develop reference levels and quantities for the new market power mitigation framework
- Obtain stakeholder input on the methodology for each technology type

Reference Levels and Reference Quantities: Engagement Activities & Timelines

Timing*	Engagement Activity
August 2020	<ul style="list-style-type: none"> • Introductory meeting to discuss reference levels and quantities, high-level scope, and draft engagement plan⁽¹⁾ • Workbooks for each technology type will be provided in advance.
September to December 2020	<ul style="list-style-type: none"> • Meetings organized by technology type • Market participants to review and revise workbooks⁽²⁾
Late 2020/2021	<ul style="list-style-type: none"> • IESO to establish reference levels and quantities for individual resources <ul style="list-style-type: none"> - Additional one-on-one meetings with market participants (as required)

Notes:

(1) More information/detailed engagement plan will be provided at the engagement session in August

(2) Outcome of this engagement will be reflected in IESO Market Rules and Manuals in mid-2021

*Dates are tentative

Engagement Activities & Timelines Cont'd

- The first engagement webinar on reference levels and reference quantities will be held in August
- The date of the webinar and meeting materials will be communicated to MRP stakeholders via email and through the IESO Bulletin
 - Visit ieso.ca/subscribe to sign up to receive the weekly bulletin and MRP newsletter

Next Steps

- July 27: Release the Day-Ahead Calculation Engine design document for stakeholder review
- August: Calculation Engines Technical Session, and Reference Level & Reference Quantity Engagement Meeting (Dates TBD)
- For more information, or to register for upcoming MRP engagement sessions, please contact engagement@ieso.ca or visit the [MRP Energy webpage](#)

Thank you

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at ieso.ca/subscribe***