

# IESO Engagement Update – January 14, 2022

This engagement update provides a snapshot of all active IESO engagement activities. It also helps support a greater understanding of linkages between engagements, and a foundation for more comprehensive and integrated updates. For the most recent information, visit the individual engagement links or the [Active Engagements](#) webpage.



## 2022 Schedules Available

The IESO will continue to offer dedicated, monthly engagement days to provide greater certainty on the timing of engagement meetings and to allow for enhanced preparedness and participation from stakeholders. The 2022 Engagement Days meeting schedule is available on the Stakeholder Engagement Framework [webpage](#). The 2022 Technical Panel (TP) meeting schedule is also available on the TP [webpage](#). The Stakeholder Advisory Committee (SAC) 2022 meeting schedule will be posted in late January.

## New Engagements and Forward-Looking Schedule

### **Long-Term RFP – *dedicated engagement stream***

To support the needs in developing the Long-Term RFP (LT RFP), the IESO has established a dedicated LT RFP engagement stream and webpage. While the LT RFP is part of the broader Resource Adequacy framework, this new engagement stream will provide stakeholders with a dedicated location for information and engagement materials on the LT RFP. Those interested in participating directly in this engagement can register with IESO engagement at [engagement@ieso.ca](mailto:engagement@ieso.ca)

- *Launching:* February, 2022

# Forecasting and Planning

Engagements to support provincial and regional electricity planning over the next 20 years.

Active Engagement	Current Status	Next Steps
<p><b><u><a href="#">Formalizing the Integrated Bulk System Planning Process</a></u></b></p> <p>The IESO is seeking feedback on the design of a formal, integrated bulk system planning process.</p> <p><i>Engagement Lead: Colin Campbell</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"><li>• <a href="#">Development of an IESO Competitive Transmission Procurement Process</a></li><li>• <a href="#">Resource Adequacy</a></li><li>• <a href="#">Transmission Losses</a></li></ul>	<ul style="list-style-type: none"><li>• On October 19, the IESO held a webinar to present the final high-level design and process detail</li><li>• A progress update was also provided on the regional planning process review engagement, which was completed in May 2021</li><li>• A response to feedback document was posted on January 11, 2022</li></ul>	<ul style="list-style-type: none"><li>• The formalized Bulk System Planning Process is planned for implementation at the start of 2022</li></ul>
<p><b><u><a href="#">Gas Phase-Out Impact Assessment</a></u></b></p> <p>The future of gas generation in Ontario has become a focus of discussion for a number of municipalities, raising questions and concerns from stakeholders about the challenges and opportunities these discussions have raised. This engagement will allow stakeholders to provide feedback on the scope of an assessment that outlines the implications of phasing out natural gas generation.</p> <p><i>Engagement Lead: Jordan Penic</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"><li>• N/A</li></ul>	<ul style="list-style-type: none"><li>• The IESO's assessment report, <i>Decarbonization and Ontario's Electricity System</i>, was posted to the IESO website on October 7 and a response to feedback document posted on October 14</li><li>• On October 21, the IESO hosted a webinar to provide a briefing of the report and answer stakeholder questions pertaining to the assessment</li><li>• At its November 3 meeting, the Stakeholder Advisory Committee (SAC) discussed the next steps and work ahead for the IESO with respect to the Minister's letter issued on October 7</li></ul>	<ul style="list-style-type: none"><li>• Upcoming engagement on the work ahead is being planned framed by the Minister's October 7 and November 11 letters</li></ul>

Active Engagement	Current Status	Next Steps
<b><a href="#">Regional Planning – Barrie/Innisfil</a></b>	<p>Regional electricity planning is underway in this sub-region.</p> <p><i>Engagement Lead: Sari Gerwitz</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">DER Roadmap</a></li> <li>• <a href="#">Formalizing the Integrated Bulk System Planning Process</a></li> <li>• <a href="#">Regional Planning – South Georgian Bay/Muskoka</a></li> </ul>	<ul style="list-style-type: none"> <li>• An engagement webinar was held on December 9 to seek input on options screening and the range of potential solutions to be examined to help inform the development of an Integrated Regional Resource Plan (IRRP)</li> <li>• Feedback received following the webinar has been posted</li> </ul>
<b><a href="#">Regional Planning – Chatham-Kent/Lambton/Sarnia</a></b>	<p>Regional electricity planning is underway in this region.</p> <p><i>Engagement Lead: Rouselle Gratela</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">DER Roadmap</a></li> <li>• <a href="#">Formalizing the Integrated Bulk System Planning Process</a></li> <li>• <a href="#">Gas Phase-Out Impact Assessment</a></li> </ul>	<ul style="list-style-type: none"> <li>• The final Scoping Assessment Outcome Report was posted on December 30</li> <li>• The report concluded that no further regional coordination is required</li> </ul>
<b><a href="#">Regional Planning – Niagara</a></b>	<p>Regional electricity planning is underway in this region.</p> <p><i>Engagement Lead: Rouselle Gratela</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">Formalizing the Integrated Bulk System Planning Process</a></li> </ul>	<ul style="list-style-type: none"> <li>• The first meeting for this new engagement was held Aug 3</li> <li>• No feedback was received during the comment period</li> <li>• The final Scoping Assessment Outcome Report was posted on August 24</li> </ul>
<b><a href="#">Regional Planning – North &amp; East of Sudbury</a></b>	<p>Regional electricity planning is underway in this region.</p> <p><i>Engagement Lead: Rouselle Gratela</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">Formalizing the Integrated Bulk System Planning Process</a></li> </ul>	<ul style="list-style-type: none"> <li>• The first meeting for this new engagement was held July 19</li> <li>• Four feedback submissions were received and are posted along with the response to feedback document</li> <li>• The final Scoping Assessment Outcome Report was posted on August 12</li> </ul>

Active Engagement	Current Status	Next Steps
<b><u>Regional Planning – Northwest</u></b> <p>Regional electricity planning is underway in this region.</p> <p><i>Engagement Lead: Susan Harrison</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">Formalizing the Integrated Bulk System Planning Process</a></li> <li>• <a href="#">Resource Adequacy</a></li> </ul>	<ul style="list-style-type: none"> <li>• Three targeted discussions concluded with communities and stakeholders in November 2021 to discuss electricity needs for the region and any emerging local initiatives that should be considered in the planning work</li> </ul>	<ul style="list-style-type: none"> <li>• The next public webinar will be held in Q1 to provide a summary of the targeted discussions and to seek input on potential options to meet electricity needs for the region</li> </ul>
<b><u>Regional Planning – Ottawa Area Sub-Region</u></b> <p>Regional electricity planning is underway in this region.</p> <p><i>Engagement Lead: Sari Gerwitz</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">Formalizing the Integrated Bulk System Planning Process</a></li> <li>• <a href="#">Gas Phase-Out Impact Assessment</a></li> <li>• <a href="#">Regional Planning – Peterborough to Kingston</a></li> </ul>	<ul style="list-style-type: none"> <li>• An Integrated Regional Resource Plan (IRRP) was completed in February 2020 for this sub-region</li> <li>• The plan recommended additional studies to address the identified needs that extend beyond the 20-year IRRP outlook</li> </ul>	<ul style="list-style-type: none"> <li>• Communications and outreach are targeted for Q1 with study completion expected in late Q1</li> </ul>
<b><u>Regional Planning – Parry Sound/Muskoka</u></b> <p>Regional electricity planning is underway in this sub-region.</p> <p><i>Engagement Lead: Sari Gerwitz</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">DER Roadmap</a></li> <li>• <a href="#">Formalizing the Integrated Bulk System Planning Process</a></li> <li>• <a href="#">Regional Planning – South Georgian Bay/Muskoka</a></li> </ul>	<ul style="list-style-type: none"> <li>• An engagement webinar was held on December 8 to seek input on options screening and the range of potential solutions to be examined to help inform the development of an Integrated Regional Resource Plan (IRRP)</li> <li>• Feedback received in response to the webinar has been posted</li> </ul>	<ul style="list-style-type: none"> <li>• A response to feedback document will be posted shortly</li> <li>• A webinar to seek input on the proposed recommendations will be scheduled during Q1</li> </ul>

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<b><u>Regional Planning – Renfrew</u></b>	<p>Regional electricity planning is underway in this region.</p> <p><i>Engagement Lead: Sari Gerwitz</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">Formalizing the Integrated Bulk System Planning Process</a></li> </ul>	<ul style="list-style-type: none"> <li>• The first meeting for this new engagement was held July 21</li> <li>• Following the comment period, the final Scoping Assessment Outcome Report was posted on August 13</li> </ul> <ul style="list-style-type: none"> <li>• A webinar is anticipated in February to commence discussions on the development of an Integrated Regional Resource Plan (IRRP) and seek feedback on the demand forecast, preliminary needs in the region, and the proposed engagement plan</li> </ul>
<b><u>Regional Planning – Windsor-Essex</u></b>	<p>Regional electricity planning is underway in this region.</p> <p><i>Engagement Lead: Rouselle Gratela</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">DER Roadmap</a></li> <li>• <a href="#">Formalizing the Integrated Bulk System Planning Process</a></li> <li>• <a href="#">Gas Phase-Out Impact Assessment</a></li> </ul>	<ul style="list-style-type: none"> <li>• An IRRP Addendum study is underway in this area</li> <li>• Eight submissions were received following the July webinar and are posted along with a response to feedback document</li> </ul> <ul style="list-style-type: none"> <li>• The Integrated Regional Resource Plan (IRRP) Addendum will be released in winter 2022</li> </ul>
<b><u>Transmission Losses</u></b>	<p>This engagement will review IESO and Hydro One's practices on how transmission losses are considered in planning and operation of the system, a comparison of these practices to those used in other jurisdictions, and seek stakeholder feedback on potential improvements to these practices.</p> <p><i>Engagement Lead: Jason Grbavac</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">Formalizing the Integrated Bulk System Planning Process</a></li> </ul>	<ul style="list-style-type: none"> <li>• The IESO posted a draft transmission losses guideline document on July 22 for stakeholder review and feedback</li> <li>• One feedback submission was received and has been posted</li> </ul> <ul style="list-style-type: none"> <li>• A response to stakeholder feedback will be provided in Q1 and a webinar will be held, as required</li> </ul>

# Resource Acquisition

Engagements to ensure we have the tools and processes to acquire the resources we need to maintain a reliable and efficient system.

Active Engagement	Current Status	Next Steps
<p><b><u><a href="#">Development of an IESO Competitive Transmission Procurement Process</a></u></b></p> <p>The IESO is seeking feedback to aid in the development of a competitive transmission procurement process.</p> <p><i>Engagement Lead: TBD</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"><li>• <u><a href="#">Formalizing the Integrated Bulk System Planning Process</a></u></li></ul>	<ul style="list-style-type: none"><li>• This engagement was put on hold and IESO is currently determining the next steps associated with this initiative</li></ul>	
<p><b><u><a href="#">Distributed Energy Resources (DER) Market Vision and Design Project</a></u></b></p> <p>The IESO is seeking feedback from stakeholders on how to cost-effectively enhance the value DERs can provide to Ontario's electricity system by expanding participation in the wholesale markets.</p> <p><i>Engagement Lead: Colin Campbell</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"><li>• <u><a href="#">DER Potential Study</a></u></li><li>• <u><a href="#">DER Roadmap</a></u></li><li>• <u><a href="#">Enabling Resources Program</a></u></li><li>• <u><a href="#">Hybrid Integration Project</a></u></li><li>• <u><a href="#">Innovation and Sector Evolution White Paper Series</a></u></li><li>• <u><a href="#">Resource Adequacy</a></u></li></ul>	<ul style="list-style-type: none"><li>• An engagement webinar was held on October 20 to introduce the DER Market Vision and Design Project</li><li>• Feedback was due by November 10 and is posted</li><li>• Two feedback submissions were received in response and have been posted on the engagement webpage</li><li>• A response to feedback document was posted on January 14, 2022</li></ul>	<ul style="list-style-type: none"><li>• The next engagement meeting is planned for January 26 where the IESO will provide a recap of the previous session and feedback received and provide timelines and deliverables for the project; the meeting will also include a presentation from the Electric Power Research Institute on how U.S. jurisdictions are complying with FERC Order 2222</li></ul>

Active Engagement	Current Status	Next Steps
<p><b>Distributed Energy Resources (DER) Potential Study</b></p> <p>To help inform our path forward in enabling DERs, the IESO has commissioned a DER Potential Study. The primary objectives of the study are to determine the types and volumes of DERs that exist and can be expected to emerge in Ontario over a 10-year timeframe, as well as identify the potential for these resources to provide wholesale electricity services.</p> <p><i>Engagement Lead: Colin Campbell</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">DER Market Vision &amp; Design Project</a></li> <li>• <a href="#">DER Roadmap</a></li> <li>• <a href="#">Enabling Resources Program</a></li> <li>• <a href="#">Hybrid Integration Project</a></li> <li>• <a href="#">Innovation and Sector Evolution White Paper Series</a></li> <li>• <a href="#">Resource Adequacy</a></li> </ul>	<ul style="list-style-type: none"> <li>• An engagement webinar was held on November 23 to present the draft Detailed Project Plan and describe the key components of the study, including inputs, methodology, scenarios and the underlying assumptions; a summary of feedback from the September webinar was also presented, along with the IESO's responses</li> <li>• Four feedback submissions were received and have been posted to the engagement webpage</li> </ul>	<ul style="list-style-type: none"> <li>• The IESO is currently reviewing the submissions and will respond to this feedback</li> <li>• Study results are expected to be presented in June, 2022</li> </ul>
<p><b>Distributed Energy Resources (DER) Roadmap</b></p> <p>The IESO is seeking feedback on the development of a roadmap to set out approaches and expected timing for enhancing DER participation in the IESO-administered markets for the products/services they are technically capable of providing.</p> <p><i>Engagement Lead: Colin Campbell</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">DER Market Vision &amp; Design Project</a></li> <li>• <a href="#">DER Potential Study</a></li> <li>• <a href="#">Enabling Resources Program</a></li> <li>• <a href="#">Hybrid Integration Project</a></li> <li>• <a href="#">IESO York Region Non-Wires Alternatives Demonstration Project</a></li> <li>• <a href="#">Resource Adequacy</a></li> </ul>	<ul style="list-style-type: none"> <li>• An engagement webinar was held on October 20 to introduce the roadmap objectives, longer-term timelines, and a list of cross-cutting issues for IESO/OEB collaboration</li> <li>• Five submissions were received in response to the webinar which have been posted to the engagement webpage along with the IESO response to feedback documents</li> <li>• The <a href="#">DER Roadmap</a> was posted in December, 2021</li> </ul>	<ul style="list-style-type: none"> <li>• The first meeting of the Transmission-Distribution Working Group is taking place on January 31, 2022</li> <li>• IESO and OEB will hold another joint engagement meeting in spring, 2022 with an updated list, action items, and progress updates on cross-cutting issues</li> </ul>

Active Engagement	Current Status	Next Steps
<p><b><u>Enabling Resources Program</u></b></p> <p>The IESO is seeking feedback on the development of an integrated plan that will outline the sequencing, timing and scope of activities to be undertaken by the IESO to enable existing resources to provide electricity system services in the renewed Ontario wholesale market that they cannot, or cannot fully, currently provide.</p> <p><i>Engagement Lead: Colin Campbell</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">DER Market Vision &amp; Design Project</a></li> <li>• <a href="#">DER Potential Study</a></li> <li>• <a href="#">DER Roadmap</a></li> <li>• <a href="#">Hybrid Integration Project</a></li> <li>• <a href="#">Innovation and Sector Evolution White Paper Series</a></li> <li>• <a href="#">Resource Adequacy</a></li> </ul>	<ul style="list-style-type: none"> <li>• An engagement meeting was held on December 16 to present and discuss the Enabling Resources Work Plan outlining the timing and scope of work it will undertake to further integrate emerging resources in the IESO-Administered Markets, including hybrid generation-storage, storage and Distributed Energy Resources</li> </ul>	<ul style="list-style-type: none"> <li>• The IESO will post an engagement summary report to conclude this engagement</li> </ul>
<p><b><u>Hybrid Integration Project</u></b></p> <p>The IESO is seeking feedback on the development of participation model(s) to enable hybrid resources in the IESO-administered markets and have the capability to support Ontario's future system needs. The changes will be implemented after the implementation of the Market Renewal Project.</p> <p><i>Engagement Lead: Colin Campbell</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">DER Market Vision &amp; Design Project</a></li> <li>• <a href="#">DER Potential Study</a></li> <li>• <a href="#">DER Roadmap</a></li> <li>• <a href="#">Enabling Resources Program</a></li> <li>• <a href="#">Innovation and Sector Evolution White Paper Series</a></li> </ul>	<ul style="list-style-type: none"> <li>• A stakeholder webinar was held on December 16 to commence work on the Foundational Model design</li> <li>• Four feedback submissions were received and have been posted to the engagement webpage</li> </ul>	<ul style="list-style-type: none"> <li>• The IESO is currently reviewing the submissions and will respond to this feedback</li> <li>• An engagement webinar will take place on January 27 to present 'day-in-the-life' for the foundational hybrid facility models and seek stakeholder feedback</li> </ul>

Active Engagement	Current Status	Next Steps
<p><b><u>Long-Term RFP *new</u></b></p> <p>The IESO is engaging stakeholders on the development of a Long-Term RFP (LT RFP) that will seek resources that can be in service between 2026 and 2028 to address global and regional needs.</p> <p><b>Engagement Lead: Jason Grbavac</b></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">Resource Adequacy</a></li> <li>• <a href="#">Hybrid Integration Project</a></li> <li>• <a href="#">Market Renewal Program (MRP) Implementation</a></li> </ul>	<ul style="list-style-type: none"> <li>• A dedicated engagement stream has been established for the LT RFP</li> <li>• Those interested in participating directly in this engagement can register with IESO engagement at <a href="mailto:engagement@ieso.ca">engagement@ieso.ca</a></li> <li>• An LT RFP engagement plan has been posted</li> </ul>	<ul style="list-style-type: none"> <li>• An engagement webinar will take place in February to review the draft Long-Term Request for Qualifications (RFQ) and discuss the LT RFP design</li> </ul>
<p><b><u>Resource Adequacy</u></b></p> <p>The IESO is engaging stakeholders to further develop a long-term competitive strategy to meet Ontario's resource adequacy needs reliably and cost-effectively while recognizing the unique needs of different resources.</p> <p><b>Engagement Lead: Jason Grbavac</b></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">DER Market Vision &amp; Design Project</a></li> <li>• <a href="#">DER Potential Study</a></li> <li>• <a href="#">DER Roadmap</a></li> <li>• <a href="#">Enabling Resources Program</a></li> <li>• <a href="#">Formalizing the Integrated Bulk System Planning Process</a></li> <li>• <a href="#">Long-Term RFP</a></li> </ul>	<ul style="list-style-type: none"> <li>• Ten submissions were received following the December 15 webinar which are posted to the engagement webpage</li> <li>• Starting in February, engagement on the LT RFP will move out of the Resource Adequacy engagement stream and take place through a separate LT RFP engagement with a dedicated engagement webpage; an engagement plan has been posted to the LT RFP engagement page</li> <li>• Those interested in participating directly in the LT RFP engagement can do so by registering with IESO Engagement at <a href="mailto:engagement@ieso.ca">engagement@ieso.ca</a></li> </ul>	<ul style="list-style-type: none"> <li>• An engagement webinar is scheduled for January 25 where the IESO will: inform stakeholders of the key priorities identified as part of the feedback received on the Annual Acquisition Report and provide an additional opportunity for feedback; discuss plans for evolving future AARs; and present the engagement plan for the Long-Term RFP</li> </ul>

# Operations

Engagements to ensure that Ontario's electricity resources are operating reliably within the IESO-administered market, while also undertaking continuous market improvements.

Active Engagement	Current Status	Next Steps
<b><u>Adjustments to Intertie Flow Limits</u></b> <p>The IESO is proposing to add clarifying language to the market rules specifying when internal transmission constraints will be considered by the IESO in setting intertie flow limits.</p> <p><b>Engagement Lead:</b> Jason Grbavac</p> <p><b>Related Active Engagements:</b></p> <ul style="list-style-type: none"><li>• N/A</li></ul>	<ul style="list-style-type: none"><li>• The IESO hosted an engagement webinar on November 22 to provide stakeholders with an opportunity to comment on the proposed clarification to the market rules</li><li>• Three submissions were received and posted to the engagement webpage along with the IESO response to feedback document</li></ul>	<ul style="list-style-type: none"><li>• The Technical Panel will review the proposed market rule language, stakeholder feedback and the IESO's response at its February meeting</li></ul>
<b><u>Cost Recovery for Integrating System Changes</u></b> <p>This engagement will seek input from stakeholders on how to recover costs from customers for requested services performed by the IESO and the proposed phase-in strategy. The initiative will seek to bring greater alignment between the costs of the service and the customer initiating the request, as opposed to recovering these costs volumetrically from all consumers.</p> <p><b>Engagement Lead:</b> Jason Grbavac</p> <p><b>Related Active Engagements:</b></p> <ul style="list-style-type: none"><li>• N/A</li></ul>	<ul style="list-style-type: none"><li>• Two feedback submissions were received following the July 22 webinar and the IESO response to feedback document was posted on September 30</li></ul>	<ul style="list-style-type: none"><li>• The IESO is determining timing for the next engagement session for this initiative, if required</li></ul>
<b><u>Improving Accessibility of Operating Reserve</u></b> <p>The IESO is seeking feedback on an issue related to the Operating Reserve (OR), whereby the amount of OR scheduled is not fully accessible.</p> <p><b>Engagement Lead:</b> Jason Grbavac</p> <p><b>Related Active Engagements:</b></p> <ul style="list-style-type: none"><li>• N/A</li></ul>	<ul style="list-style-type: none"><li>• At the July 27 Technical Panel meeting, members voted in favour of posting the Improving Accessibility of Operating Reserve proposed market rule amendment for broader stakeholder comment</li><li>• Feedback on the proposed market rule amendment was due by August 12</li></ul>	<ul style="list-style-type: none"><li>• There are no further engagement meetings planned at this time</li><li>• Updates will be provided on the outcome of the Technical Panel processes</li></ul>

Active Engagement	Current Status	Next Steps
<p><b><u>Improving Awareness of System Operating Conditions</u></b></p> <p>The IESO informs stakeholders of system operating conditions through advisory notices and operating states. This engagement will review what the IESO communicates to stakeholders through these channels with the goal being to improve awareness of system operating conditions.</p> <p><b>Engagement Lead: Trisha Hickson</b></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>	<ul style="list-style-type: none"> <li>• Stakeholders are providing comments to proposed changes to Market Rules and Market Manuals at the January 27 engagement session</li> </ul>	<ul style="list-style-type: none"> <li>• An engagement webinar is scheduled for January 27 to inform Market Participants about an additional operating state of system operating conditions, and to present key changes since the April 2021 webinar</li> </ul>
<p><b><u>Market Renewal Program (MRP) Implementation</u></b></p> <p>The Implementation phase of the Market Renewal Program will begin by codifying the design into the Market Rules and Market Manuals, and then proceed onto creating tools, testing, training and readiness for bringing the renewed market to life.</p> <p><b>Engagement Lead: Declan Doyle</b></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">Resource Adequacy</a></li> <li>• <a href="#">Enabling Resources</a></li> <li>• <a href="#">DER Market Vision &amp; Design Project</a></li> <li>• <a href="#">Hybrid Integration</a></li> </ul>	<ul style="list-style-type: none"> <li>• Stakeholders are providing advice and feedback on the Market Participant Readiness Plan at the January 26 engagement session</li> </ul>	<ul style="list-style-type: none"> <li>• The February engagement session will include the introduction to the Calculation Engine batch of market rules and market manuals (posted for review in February), the Replacement of Settlement System (RSS) Market Rules and Manuals, and the RSS Implementation Plan for stakeholder review</li> </ul>
<p><b><u>Updates to IESO Monitoring Requirements: Phasor Data</u></b></p> <p>The IESO is seeking feedback on proposed updates to Appendices 4.15/4.16 to enable generators and transmitters to install phasor technology infrastructure and provide phasor data to the IESO.</p> <p><b>Engagement Lead: Colin Campbell</b></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul>	<ul style="list-style-type: none"> <li>• A webinar was held in September on the proposed Market Rule and draft Market Manual amendments specifying Synchrophasor monitoring requirements</li> <li>• Four feedback submissions were received and have been posted to the engagement webpage along with the IESO response to feedback document</li> </ul>	<ul style="list-style-type: none"> <li>• An engagement meeting will be held in February to communicate revised timelines for Market Rule implementation</li> </ul>

# Sector Evolution

Engagements that look to the future to see how innovation, new technologies and new collaborations can improve how we conduct our business.

Active Engagement	Current Status	Next Steps
<b><u><a href="#">Industrial Energy Efficiency Program</a></u></b>  The 2021-2024 Conservation Demand Management (CDM) Framework will include a new customer focused program in 2022 for large transmission and distribution connected industrial consumers. The program is anticipated to enable large industrial consumers to specify funding needed to meet capital hurdles, or other business case requirements for large complex projects.  <i>Engagement Lead: Trisha Hickson</i> <i>Related Active Engagements:</i> <ul style="list-style-type: none"><li>• N/A</li></ul>	<ul style="list-style-type: none"><li>• Phase 2 of this engagement was held on October 19, to solicit feedback on the proposed program framework including items such as application process and project selection criteria</li><li>• Four feedback submissions were received and have been posted to the engagement webpage along with the IESO response to feedback document</li></ul>	<ul style="list-style-type: none"><li>• The next engagement session will take place in February to present final draft program documents</li></ul>
<b><u><a href="#">Innovation and Sector Evolution White Papers</a></u></b>  The IESO intends to develop and release a series of white papers to support the creation of a shared, fact-based understanding of emerging opportunities and trends.  <i>Engagement Lead: Colin Campbell</i> <i>Related Active Engagements:</i> <ul style="list-style-type: none"><li>• <a href="#">DER Potential Study</a></li><li>• <a href="#">DER Roadmap</a></li><li>• <a href="#">IESO York Region Non-Wires Alternatives Demonstration Project</a></li></ul>	<ul style="list-style-type: none"><li>• In December 2021, IESO published a report: <a href="#">Consumer Electricity Preferences and Behaviours Survey</a>; survey participants represented three segments: residential, small business and commercial/industrial consumers</li><li>• The report explores how consumers are taking control of their energy future to find ways to meet their own needs and achieve their objectives</li></ul>	<ul style="list-style-type: none"><li>• In 2022 the IESO will begin development of the next white paper in the series: Applications of AI, Machine Learning and other Advanced Technology in the Electricity Sector</li></ul>

Active Engagement	Current Status	Next Steps
<p><b><u><a href="#">IESO York Region Non-Wires Alternatives Demonstration Project</a></u></b></p> <p>The IESO, with support from Natural Resources Canada, is undertaking a demonstration in York Region to explore market-based approaches to secure energy and capacity services from Distributed Energy Resources (DERs) for local needs.</p> <p><i>Engagement Lead: Colin Campbell</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <u><a href="#">DER Market Vision &amp; Design Project</a></u></li> <li>• <u><a href="#">DER Potential Study</a></u></li> <li>• <u><a href="#">DER Roadmap</a></u></li> <li>• <u><a href="#">Innovation and Sector Evolution White Papers</a></u></li> </ul>	<ul style="list-style-type: none"> <li>• The Final Year 2 Demonstration Program Rules and Contracts were posted on August 25 with the opening of the Initial Year 2 registration</li> <li>• On October 20-21, pre- and post-auction reports were posted for Year 2</li> </ul>	<ul style="list-style-type: none"> <li>• An Evaluation Report including lessons learned will be published by Q4 2022; this is the last major milestone for this engagement</li> </ul>

# Updates on the Stakeholder Advisory Committee and Technical Panel

Group	Current Status	Next Steps
<b><u>Stakeholder Advisory Committee (SAC)</u></b>  The Committee is a forum for its members to be informed of IESO activities and to provide timely policy advice and feedback both broadly on behalf of the electricity sector and their constituency, directly to the IESO Board and Executive with respect to the IESO's mandate.  <i>Engagement Lead:</i> <b>Jordan Penic</b>	<ul style="list-style-type: none"><li>SAC met on November 4 to discuss:<ul style="list-style-type: none"><li>Gas phase-out assessment report next steps</li><li>Future resource acquisition plans and system need</li></ul></li><li>A meeting recording is available on the SAC web page and meeting notes will be posted shortly</li></ul>	<ul style="list-style-type: none"><li>The next public SAC meeting will take place in March</li></ul>
<b><u>Technical Panel (TP)</u></b>  The Technical Panel's mandate is to review amendments to the Market Rules for Ontario's electricity market, and as requested, advise the IESO Board of Directors on specific technical issues relating to the operation of the IESO-administered market.  <i>Engagement Lead:</i> <b>Agatha Pyrka</b>	<ul style="list-style-type: none"><li>During the December meeting, panel members received education on a new item - updates to synchrophasor monitoring requirements</li><li>The Panel also discussed interactions with the Markets Committee of the IESO Board, which will be reported to the Board, and a review of the effectiveness of the panel</li></ul>	<ul style="list-style-type: none"><li>In February, the Panel will vote on whether to provisionally recommend the MRP Market Power Mitigation batch to the IESO Board</li><li>The February meeting will also include the vote on whether to post for stakeholder feedback, the item on Adjustments to Intertie Flow Limits, as well as education on two new items - Replacement of the IESO Settlement System and Improving Awareness of System Operating Conditions</li><li>The education item on enhancements to the 2022 Capacity Auction will now occur at the March meeting</li></ul>