

# IESO Engagement Update – October 14, 2021

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.



## New Engagements and Forward-Looking Schedule

### **Distributed Energy Resources (DER) Market Vision and Design Project**

The focus of the DER Market Vision and Design Project is to examine how to cost-effectively enhance the value DERs can provide to Ontario's electricity system by expanding participation in wholesale markets.

- *Launching:* October 20, 2021

### **IESO Procurement Fees**

The IESO will engage with stakeholders on a proposed procurement fee setting framework, and the factors considered when setting fees, for future IESO procurements.

- *Launching:* November 22 – 24, 2021

# 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>Formalizing the Integrated Bulk System Planning Process</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: <b>Colin Campbell</b></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 February 22, the IESO held a webinar to present an overview of the high-level design of proposed changes to bulk system planning and seek stakeholder feedback on the process</li><li>• IESO posted a response to feedback from the February 22 webinar</li></ul>	<ul style="list-style-type: none"><li>• The second engagement on the final high-level design and process detail is scheduled for October 19</li><li>• At this session, a progress update will also be provided on the regional planning process review engagement completed in May 2021</li></ul>
<p><b><u>Gas Phase-Out Impact Assessment</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: <b>Jordan Penic</b></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, 2021</li><li>• A response to feedback document was posted on October 14, 2021</li></ul>	<ul style="list-style-type: none"><li>• On October 21, the IESO will host a webinar to provide a briefing of the report and answer stakeholder questions pertaining to the assessment</li></ul>

Active Engagement	Current Status	Next Steps
<p><b><u>Regional Planning – Barrie/Innisfil</u></b> Regional electricity planning is underway in this sub-region. <i>Engagement Lead: <b>Amanda Flude</b></i> <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 September 9 to seek input to inform the demand forecast for this sub-region and to invite feedback on the draft engagement plan</li> <li>• Feedback from the webinar was due by September 30</li> </ul>	<ul style="list-style-type: none"> <li>• The response to feedback document and the final engagement plan will be posted on October 14</li> </ul>
<p><b><u>Regional Planning – Niagara</u></b> Regional electricity planning is underway in this region. <i>Engagement Lead: <b>Rouselle Gratela</b></i> <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 on August 3</li> <li>• No feedback was received during the two-week comment period</li> <li>• The final Scoping Assessment Outcome Report was posted on August 24</li> </ul>	<ul style="list-style-type: none"> <li>• The IESO will launch a new engagement initiative in Q4 2021 to help inform the development of an Integrated Regional Resource Plan (IRRP)</li> </ul>
<p><b><u>Regional Planning – North &amp; East of Sudbury</u></b> Regional electricity planning is underway in this region. <i>Engagement Lead: <b>Rouselle Gratela</b></i> <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 on 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>	<ul style="list-style-type: none"> <li>• The IESO will launch a new engagement initiative in Q4 2021 to help inform the development of an Integrated Regional Resource Plan (IRRP)</li> </ul>
<p><b><u>Regional Planning – Northwest</u></b> Regional electricity planning is underway in this region. <i>Engagement Lead: <b>Susan Harrison</b></i> <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>• A webinar was held on September 27 to provide an overview and seek input on the demand forecast, including the updated mining forecast</li> </ul>	<ul style="list-style-type: none"> <li>• Feedback from the September 17 webinar is due by October 18</li> <li>• Three webinars have been scheduled throughout November to discuss: (1) Customer Reliability Concerns; (2) Emerging Local Initiatives; and (3) the North of Dryden Area</li> </ul>

Active Engagement	Current Status	Next Steps
<p><b><u>Regional Planning – Ottawa Area Sub-Region</u></b> Regional electricity planning is underway in this region. <i>Engagement Lead: <b>Amanda Flude</b></i> <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 Q4 2021</li> <li>• Study completion is expected in early Q1 2022</li> </ul>
<p><b><u>Regional Planning – Parry Sound/Muskoka</u></b> Regional electricity planning is underway in this sub-region. <i>Engagement Lead: <b>Amanda Flude</b></i> <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 September 8 to seek input to inform the demand forecast for this sub-region and to invite feedback on the draft engagement plan</li> <li>• Feedback from the September 8 webinar was due by September 29</li> </ul>	<ul style="list-style-type: none"> <li>• A response to feedback document and the final engagement plan will be posted in mid-October</li> </ul>
<p><b><u>Regional Planning – Peterborough to Kingston</u></b> Regional electricity planning is underway in this region. <i>Engagement Lead: <b>Amanda Flude</b></i> <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> </ul>	<ul style="list-style-type: none"> <li>• A final engagement webinar was held on September 28 to provide an overview of, and seek feedback on, the Integrated Regional Resource Plan (IRRP) prior to a final IRRP being posted in early November</li> </ul>	<ul style="list-style-type: none"> <li>• The IESO response to feedback document and the final IRRP will be posted on November 4</li> </ul>

Active Engagement	Current Status	Next Steps
<p><b><u>Regional Planning – Renfrew</u></b> Regional electricity planning is underway in this region. <i>Engagement Lead: <b>Amanda Flude</b></i> <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 on 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 to commence discussions on the development of an Integrated Regional Resource Plan (IRRP) is anticipated in November and will seek feedback on the demand forecast and preliminary needs identified for the region, and the proposed engagement plan</li> </ul>
<p><b><u>Regional Planning – Southern Huron-Perth (Greater Bruce Huron)</u></b> Regional electricity planning is underway in this region. <i>Engagement Lead: <b>Rouselle Gratela</b></i> <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> </ul>	<ul style="list-style-type: none"> <li>• In September 2021, the IESO posted the Southern Huron-Perth Integrated Regional Resource Plan (IRRP) and issued a communication to stakeholders to conclude this engagement</li> <li>• The plan and other engagement materials can continue to be accessed through the Completed Engagements section of the IESO website</li> </ul>	<ul style="list-style-type: none"> <li>• The engagement has now concluded</li> </ul>
<p><b><u>Regional Planning – Toronto Addendum</u></b> Regional electricity planning. <i>Engagement Lead: <b>Susan Harrison</b></i> <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, along with this region’s Technical Working Group (including Toronto Hydro and Hydro One), has commenced work to study the timing of the recommendation to reinstate the Richview x Manby corridor – taking into consideration energy efficiency and other changing electricity needs in the region</li> </ul>	<ul style="list-style-type: none"> <li>• The IESO is expected to complete analysis in the coming months</li> </ul>

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<p><b><u>Regional Planning – Windsor-Essex</u></b></p> <p>Regional electricity planning is underway in this region.</p> <p><i>Engagement Lead: <b>Rouselle Gratela</b></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> <li>• The West of London Bulk Plan was released on September 23 providing recommendations to provide the required supply to the area up to the year 2035; engagement and outreach has been undertaken with communities, businesses, Indigenous communities and rights-holders and stakeholders in the area in the development and release of the plan</li> </ul>	<ul style="list-style-type: none"> <li>• The Integrated Regional Resource Plan (IRRP) Addendum will be released in fall 2021</li> </ul>
<p><b><u>Transmission Losses</u></b></p> <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: <b>Jason Grbavac</b></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 Q4 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><a href="#"><u>Development of an IESO Competitive Transmission Procurement Process</u></a></p> <p>The IESO is seeking feedback to aid in the development of a competitive transmission procurement process.</p> <p><i>Engagement Lead: <b>TBD</b></i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"><li>• <a href="#"><u>Formalizing the Integrated Bulk System Planning Process</u></a></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><a href="#"><u>Distributed Energy Resources (DER) Market Vision and Design Project</u></a> *new</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: <b>Colin Campbell</b></i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"><li>• <a href="#"><u>DER Potential Study</u></a></li><li>• <a href="#"><u>DER Roadmap</u></a></li><li>• <a href="#"><u>Enabling Resources Program</u></a></li><li>• <a href="#"><u>Hybrid Integration Project</u></a></li><li>• <a href="#"><u>Innovation and Sector Evolution White Paper Series</u></a></li><li>• <a href="#"><u>Resource Adequacy</u></a></li></ul>	<ul style="list-style-type: none"><li>• An engagement webinar was held on September 22 where IESO welcomed stakeholders to present their perspectives on the DERs that are most likely to emerge in Ontario and how they should be incorporated into wholesale markets to inform the Market Vision Project</li></ul>	<ul style="list-style-type: none"><li>• On October 20, an engagement webinar will be held to introduce the DER Market Vision and Design Project</li></ul>

Active Engagement	Current Status	Next Steps
<p><b><u>Distributed Energy Resources (DER) Potential Study</u></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: <b>Colin Campbell</b></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>• Following an engagement webinar on August 25 to provide an introduction to the DER Potential Study, a second webinar was held on September 22 where the IESO introduced the consultant, reviewed the project plan, key project phases and timelines</li> </ul>	<ul style="list-style-type: none"> <li>• Feedback from the September webinar was due by October 13</li> <li>• A detailed project plan will be presented to stakeholders in Q4, and the study results are expected by Q2 2022</li> </ul>
<p><b><u>Distributed Energy Resources (DER) Roadmap</u></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: <b>Colin Campbell</b></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 September 22 where stakeholders were welcomed to present their perspectives on the DERs that are most likely to emerge in Ontario and how they should be incorporated into wholesale markets to inform the Market Vision Project</li> </ul>	<ul style="list-style-type: none"> <li>• Webinars will be held on October 20 to introduce the roadmap objectives and longer-term timelines, and introduce next steps on regional planning process updates related to non-wires alternatives</li> <li>• The OEB/IESO will also introduce a draft list of cross-cutting issues where the OEB/IESO are collaborating, including potential areas for enhanced collaboration for stakeholder input</li> <li>• The DER Roadmap is targeted for completion in Q4 2021</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: <b>Colin Campbell</b></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>• On April 21, the IESO held a webinar to share the highest priority projects and timing needs and seek feedback on the draft conclusions</li> <li>• Twelve feedback submissions were received and posted along with the IESO response to feedback document</li> <li>• An update on the next steps of the draft Enabling Resources work plan was presented as part of the September 21 Hybrid Integration Project webinar</li> </ul>	<ul style="list-style-type: none"> <li>• An engagement meeting will be held in Q4 to present and discuss the work plan</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: <b>Colin Campbell</b></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 September 21 to provide an update on the development of the Enabling Resources work plan and to present the foundational participation models for hybrid resources</li> </ul>	<ul style="list-style-type: none"> <li>• Feedback on the September webinar is due by October 19</li> <li>• In Q4, 2021, the Foundational Model design work will commence</li> </ul>

Active Engagement	Current Status	Next Steps
<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><i>Engagement Lead: <b>Jason Grbavac</b></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="#">Formalizing the Integrated Bulk System Planning Process</a></li> </ul>	<ul style="list-style-type: none"> <li>• A webinar was held on September 23 to continue discussions on the medium-term RFP and provide an update on the planned design and implementation activities related to Q4 Capacity Auction Enhancements</li> <li>• The second part of the meeting focused on Demand Response resources</li> </ul>	<ul style="list-style-type: none"> <li>• Feedback on the September 23 webinar materials is due by October 14</li> <li>• An engagement meeting will be held on October 21 to provide further information on contract design, proposal evaluation and criteria; a draft RFP will be shared with stakeholders for comment by the end of October; during Q4, preliminary information will be shared on the long-term RFP</li> <li>• A draft design document for the Capacity Auction enhancements for 2022 was posted on October 14 and will be discussed during the October 21 webinar</li> <li>• Engagement on the next iteration of the Annual Acquisition Report (AAR) will take place over the coming months in advance of the AAR’s next release (Summer 2022)</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
<p><b><u>Cost Recovery for Integrating System Changes</u></b></p> <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><i>Engagement Lead: Jason Grbavac</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>Two feedback submissions were received following the July 22 webinar and the response to feedback document was posted on September 30</li></ul>	<ul style="list-style-type: none"><li>A second engagement session will be scheduled and all registered participants will be notified</li></ul>
<p><b><u>Improving Accessibility of Operating Reserve</u></b></p> <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><i>Engagement Lead: Jason Grbavac</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>Three feedback submissions were received following the May 28 webinar; they have been posted along with a response to feedback document</li><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></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><i>Engagement Lead: <b>Jason Grbavac</b></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>One feedback submission was received following the April 22 engagement session</li> <li>The feedback submission, along with the response to feedback document have been posted</li> </ul>	<ul style="list-style-type: none"> <li>The next engagement session will be scheduled during the November engagement days</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><i>Engagement Lead: <b>Karlyn Mibus</b></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>A webinar was held on September 23 to answer stakeholder clarification questions on the Market Power Mitigation batch of draft market rules and market manuals that were published on August 12 for stakeholder review and feedback</li> </ul>	<ul style="list-style-type: none"> <li>Feedback on the Market Power Mitigation batch of market rules and market manuals is due by October 15</li> <li>One-on-one consultations to determine reference levels and reference quantities are continuing; progress is being made and participants are making submissions for 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><i>Engagement Lead: <b>Colin Campbell</b></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>Four submissions were received following the September 21 webinar and are posted to the engagement webpage</li> <li>In response to stakeholders' requests during prior sessions, the IESO will also present qualitative benefit analysis and quantitative cost range analyses for PMUs deployment in Ontario</li> </ul>	<ul style="list-style-type: none"> <li>The draft Market Rules will be presented to the Technical Panel in Q4 2021</li> <li>Market Rules will be implemented in Q1 2022, and Market Manual updates to follow shortly afterwards</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
<p><b><u>Industrial Energy Efficiency Program</u></b></p> <p>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.</p> <p><i>Engagement Lead: <b>Trisha Hickson</b></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>• Seven stakeholder submissions were received in response to the July 14 webinar</li><li>• The submissions and the response document have been posted</li></ul>	<ul style="list-style-type: none"><li>• The next engagement session will take place on October 19 to provide stakeholders with a program design update</li></ul>
<p><b><u>Innovation and Sector Evolution White Papers</u></b></p> <p>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.</p> <p><i>Engagement Lead: <b>Colin Campbell</b></i></p> <p><i>Related Active Engagements:</i></p> <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>• The IESO published Parts I and II of <i>Exploring Expanded DER Participation in the IESO-Administered Markets</i> white papers in October 2019 and November 2020</li><li>• The IESO has posted a document to the engagement webpage that summarizes stakeholder feedback received following the November 19 webinar and provides the IESO's response to feedback</li></ul>	<ul style="list-style-type: none"><li>• The final white paper will be posted with revisions in Q4, 2021</li></ul>

Active Engagement	Current Status	Next Steps
<p data-bbox="201 222 678 289"><b><u>IESO York Region Non-Wires Alternatives Demonstration Project</u></b></p> <p data-bbox="201 302 678 569">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 data-bbox="201 581 634 611"><i>Engagement Lead: <b>Colin Campbell</b></i></p> <p data-bbox="201 623 548 653"><i>Related Active Engagements:</i></p> <ul data-bbox="201 665 678 821" style="list-style-type: none"> <li data-bbox="201 665 678 695">• <a href="#">DER Market Vision &amp; Design Project</a></li> <li data-bbox="201 699 678 728">• <a href="#">DER Potential Study</a></li> <li data-bbox="201 732 678 762">• <a href="#">DER Roadmap</a></li> <li data-bbox="201 766 678 821">• <a href="#">Innovation and Sector Evolution White Papers</a></li> </ul>	<ul data-bbox="704 222 1138 531" style="list-style-type: none"> <li data-bbox="704 222 1138 531">• The IESO and Alectra held a webinar on July 20 to provide an overview of the second operational year of the Demonstration Project for prospective participants as well as the broader stakeholder community</li> </ul>	<ul data-bbox="1170 222 1500 489" style="list-style-type: none"> <li data-bbox="1170 222 1500 373">• The Final Year 2 Demonstration Program Rules and Contracts have now been posted</li> <li data-bbox="1170 386 1500 489">• Initial Year 2 registration opened on August 25</li> </ul>

# Updates on the Stakeholder Advisory Committee and Technical Panel

Group	Current Status	Next Steps
<p><b><u>Stakeholder Advisory Committee (SAC)</u></b></p> <p>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.</p> <p><i>Engagement Lead:</i> <b>Jordan Penic</b></p>	<ul style="list-style-type: none"> <li>• SAC met on August 4 to discuss:               <ul style="list-style-type: none"> <li>○ IESO’s 2022-2024 Business Plan</li> <li>○ Third Party Access to Data</li> <li>○ Regional and Bulk System Planning</li> <li>○ Cybersecurity</li> </ul> </li> <li>• Meeting notes have been posted</li> </ul>	<ul style="list-style-type: none"> <li>• The next public SAC meeting is scheduled for November 3</li> </ul>
<p><b><u>Technical Panel (TP)</u></b></p> <p>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.</p> <p><i>Engagement Lead:</i> <b>Agatha Pyrka</b></p>	<ul style="list-style-type: none"> <li>• The vote to recommend the Operating Reserve Accessibility proposal to the IESO Board has shifted to November in order to allow IESO staff and a number of dispatchable loads more time to review the impact to their existing exemptions; this does not impact the effective date of the Market Rules</li> <li>• Panel members voted in favour of recommending changes and clarification to the Market Rule (omnibus) amendments to the IESO Board</li> <li>• On the Adjustments to Intertie Flow Limits item, panel members did not vote in favour of posting the Market Rule amendments for stakeholder feedback; the IESO will determine next steps</li> <li>• The IESO provided the Panel with an education item on the MRP Market Power Mitigation batch as well as an update on MRP external engagement activities</li> </ul>	<ul style="list-style-type: none"> <li>• At the next meeting on November 16, members will vote on whether to recommend the Improving Accessibility of Operating Reserve proposed market rule amendment to the IESO Board</li> <li>• On the MRP Market Power Mitigation batch, the IESO will provide a preliminary review and have discussions with members</li> <li>• A new item on updates to Synchrophasor Monitoring Requirements will be introduced to the Panel</li> </ul>