

# IESO Engagement Update – September 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) Potential Study

To help inform our path forward in enabling Distributed Energy Resources (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.

- *Launching:* September 22, 2021

### Regional Planning – Barrie/Innisfil and Parry Sound/Muskoka

Regional electricity planning has begun in two areas – Barrie/Innisfil and Parry Sound/Muskoka. These two areas are part of the larger South Georgian Bay/Muskoka planning region. New engagement initiatives have been launched to seek input on the draft Scoping Assessment outcome reports to determine the most appropriate planning approach for each area.

- *Barrie/Innisfil Launched:* September 9, 2021
- *Parry Sound/Muskoka Launched:* September 8, 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 Feb 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 Feb 22 webinar</li> </ul>	<ul style="list-style-type: none"> <li>• Second engagement on the final high-level design and process detail will take place in Q3/Q4 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>• IESO is currently reviewing the submitted stakeholder feedback and drafting the response document, which will be published in September</li> </ul>	<ul style="list-style-type: none"> <li>• The IESO will post the response to feedback document in the form of themes</li> <li>• The assessment report will be published in the fall, followed by a webinar to explain the outcomes</li> </ul>

Active Engagement	Current Status	Next Steps
<p><b><u>Regional Planning – Barrie/Innisfil</u> *new</b></p> <p>Regional electricity planning is underway in this sub-region.</p> <p><i>Engagement Lead: <b>Amanda Flude</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="#">Regional Planning – South Georgian Bay/Muskoka</a></li> </ul>	<ul style="list-style-type: none"> <li>• As recommended in the final Scoping Assessment Report for the South Georgian Bay/Muskoka planning region, a new engagement was established to develop an Integrated Regional Resource Plan (IRRP) for the Barrie/Innisfil sub-region</li> <li>• An engagement webinar was held on Sept 9 to seek input to inform the demand forecast for this sub-region and to invite feedback on the draft engagement plan</li> </ul>	<ul style="list-style-type: none"> <li>• Feedback from the Sept 9 webinar is due on Sept 30</li> <li>• A response to feedback document will be posted</li> </ul>
<p><b><u>Regional Planning – Niagara</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="#">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 Aug 3</li> <li>• No feedback was received during the two-week comment period</li> <li>• The final Scoping Assessment Outcome Report was posted on Aug 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></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="#">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>

Active Engagement	Current Status	Next Steps
<p><b><u>Regional Planning – Northwest</u></b> Regional electricity planning is underway in this region. <i>Engagement Lead: Susan Harrison</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>• Engagement on the development of an Integrated Regional Resource Plan (IRRP) commenced with a webinar on May 20 to seek input to inform the electricity demand forecast for the region and next steps for engagement</li> <li>• Five feedback submissions were received and are posted along with a response to feedback document, and an updated engagement plan</li> </ul>	<ul style="list-style-type: none"> <li>• A webinar will be held on Sept 27 to provide an overview and seek input on the demand forecast, including the updated mining forecast</li> <li>• In response to stakeholder input, the engagement approach will include targeted discussions on reliability in the north of Dryden and Red Lake area, emerging local initiatives, and local customer reliability concerns - the discussions will be held this fall</li> </ul>
<p><b><u>Regional Planning – Ottawa Area Sub-Region</u></b> Regional electricity planning is underway in this region. <i>Engagement Lead: Amanda Flude</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 Feb 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 Q3 2021</li> <li>• Study completion is expected in late Q3/early Q4 2021</li> </ul>

Active Engagement	Current Status	Next Steps
<p><b><u>Regional Planning – Parry Sound/Muskoka</u></b> *new</p> <p>Regional electricity planning is underway in this sub-region.</p> <p><i>Engagement Lead:</i> <b>Amanda Flude</b></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>• As recommended in the final Scoping Assessment Report for the South Georgian Bay/Muskoka planning region, a new engagement was established to develop an Integrated Regional Resource Plan (IRRP) for the Parry Sound/Muskoka sub-region</li> <li>• An engagement webinar was held on Sept 8 to seek input to inform the demand forecast for this sub-region and to invite feedback on the draft engagement plan</li> </ul>	<ul style="list-style-type: none"> <li>• Feedback from the Sept 8 webinar is due on Sept 29</li> <li>• A response to feedback document will be posted</li> </ul>
<p><b><u>Regional Planning – Peterborough to Kingston</u></b></p> <p>Regional electricity planning is underway in this region.</p> <p><i>Engagement Lead:</i> <b>Amanda Flude</b></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> </ul>	<ul style="list-style-type: none"> <li>• An engagement webinar was held on July 28 to seek input on potential options to meet needs in the area</li> <li>• One feedback submission was received and is posted along with the response to feedback document</li> </ul>	<ul style="list-style-type: none"> <li>• A final engagement webinar is being held on Sept 28 to provide an overview of, and seek feedback on, the Integrated Regional Resource Plan (IRRP) and before a final IRRP is posted in early November</li> </ul>
<p><b><u>Regional Planning – Renfrew</u></b></p> <p>Regional electricity planning is underway in this region.</p> <p><i>Engagement Lead:</i> <b>Amanda Flude</b></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 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) for this region is anticipated in Nov to seek feedback on the demand forecast and preliminary needs identified for the region, and the proposed engagement plan</li> </ul>

Active Engagement	Current Status	Next Steps
<p><b><u>Regional Planning – South Georgian Bay/Muskoka</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> <li>• <a href="#">Regional Planning – Barrie/Innisfil</a></li> <li>• <a href="#">Regional Planning – Parry Sound/Muskoka</a></li> </ul>	<ul style="list-style-type: none"> <li>• The final Scoping Assessment Outcome Report was published on Nov 30, 2020 and recommended the development of Integrated Regional Resource Plans (IRRPs) for two sub-regions - Barrie/Innisfil and Parry Sound/ Muskoka</li> <li>• Engagement initiatives have commenced in each of these sub-regions</li> </ul>	<ul style="list-style-type: none"> <li>• Engagement for the South Georgian Bay/Muskoka region will be completed following input on the engagement plans for the two sub-regions – Barrie/Innisfil and Parry Sound/Muskoka</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>• A final webinar was held on August 12 to provide an overview of the range of potential solutions to meet future electricity needs and seek input on the proposed recommendations for the Integrated Regional Resource Plan (IRRP)</li> <li>• No feedback was received on draft IRRP recommendations</li> </ul>	<ul style="list-style-type: none"> <li>• The final IRRP will be posted on September 16</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>

Active Engagement	Current Status	Next Steps
<p><b><u>Regional Planning – Windsor-Essex</u></b> Regional electricity planning is underway in this region. <i>Engagement Lead: Rouselle Gratela</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="#">Gas Phase-Out Impact Assessment</a></li> </ul>	<ul style="list-style-type: none"> <li>• An IRRP Addendum study is underway to address electricity infrastructure needs that emerged in the area</li> <li>• A second webinar was held on July 15 to provide an overview of, and seek input on options to finalize the IRRP Addendum recommendations, in conjunction with the West of London Bulk Plan draft recommendations</li> <li>• Eight feedback submissions were received, focused on a few key themes: strong ongoing interest in non-wires alternatives (NWAs), lack of access to data and transparency in evaluating options, need for targeted engagement with third parties/ NWAs experts and importance of competitive procurement mechanisms</li> </ul>	<ul style="list-style-type: none"> <li>• A response to feedback document is being prepared and will be posted in September</li> </ul>
<p><b><u>Transmission Losses</u></b> 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. <i>Engagement Lead: Jordan Penic</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 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>• Response to stakeholder feedback will be provided in Q3 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) Potential Study</u></a> *new</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="#"><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 August 25 to provide an introduction to the DER Potential Study, in advance of a fulsome presentation and discussion to take place during the September engagement days</li></ul>	<ul style="list-style-type: none"><li>• A second stakeholder engagement will be held on September 22 where the IESO will introduce the consultant, who will then walk stakeholders through the project plan, covering key projects phases and timelines</li></ul>

Active Engagement	Current Status	Next Steps
<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: Colin Campbell</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="#">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>• 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> <li>• On August 25, the IESO and the Ontario Energy Board (OEB) provided further details on the Joint Targeted Call of the OEB’s Innovation Sandbox and the IESO’s Grid Innovation Fund</li> <li>• Feedback on the August 25 materials are due by Sept 16</li> </ul>	<ul style="list-style-type: none"> <li>• The next engagement webinar will take place on September 22 when the IESO will welcome 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>
<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 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> </ul>	<ul style="list-style-type: none"> <li>• An update on the next steps of the draft Enabling Resources work plan will be presented at a webinar on Sept 21</li> <li>• An engagement meeting will be held in Q4 to present and discuss the work plan</li> </ul>

Active Engagement	Current Status	Next Steps
<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 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>• Seven feedback submissions were received following the June 23 webinar</li> <li>• The feedback submissions, along with the response to feedback document, have been posted</li> </ul>	<ul style="list-style-type: none"> <li>• A third stakeholder engagement will be held on September 21 where a foundational participation model will be presented for feedback</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><i>Engagement Lead: <b>Jordan Penic</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="#">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>• The August 26 webinar began engagement on the Medium-Term RFP by providing an initial overview of the procurement and next steps</li> <li>• Discussions also continued around the capacity auction as the IESO reviews the performance assessment framework</li> <li>• Feedback on the August 26 meeting materials are due by September 17</li> </ul>	<ul style="list-style-type: none"> <li>• The next engagement meeting will take place on September 23 where discussions will continue on the medium-term RFP along with an update on the planned design and implementation activities related to Capacity Auction Enhancements for Q4</li> <li>• The second part of the meeting will be primarily focused on Demand Response resources</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: <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>Two feedback submissions were received following the July 22 webinar</li> <li>The response to feedback document is currently being prepared</li> </ul>	<ul style="list-style-type: none"> <li>The response to feedback document is currently being prepared and will be posted prior to the second engagement session</li> <li>All registered participants will be notified once the session has been scheduled</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: <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>Three feedback submissions were received following the May 28 webinar</li> <li>The submissions and the response to feedback document have been posted</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> </ul>	<ul style="list-style-type: none"> <li>Feedback on the proposed market rule amendment was due by August 12</li> <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>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>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>Karlynn 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>Technical Advisory Group meeting was held on Aug 13</li> <li>The RSS project has moved into the implementation phase of work; an overview of the implementation plan was provided on Aug 26</li> <li>Stakeholder engagement on the Market Power Mitigation batch of draft market rules and market manuals began on Aug 12 and will continue until Oct 15. The IESO outlined the documents and the stakeholder review schedule on Aug 26, and will address clarification questions received to date on Sept 23</li> </ul>	<ul style="list-style-type: none"> <li>Feedback on the Market Power Mitigation batch of market rules and market manuals is due on Oct 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>

Active Engagement	Current Status	Next Steps
<p><b><u>Options to Address Uninsured Liability Risk</u></b></p> <p>The IESO is seeking feedback from stakeholders on options to address its uninsured liability risk. The IESO was unable to replace its errors and omissions insurance coverage and is proposing two options to address its uninsured risk.</p> <p><i>Engagement Lead: <b>Agatha Pyrka</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>In August 2021, the IESO posted the Final Engagement Summary Report and issued a communication to stakeholders to conclude this engagement</li> <li>The report 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>This engagement has concluded</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 feedback submissions were received following the Nov 19, 2020 webinar</li> <li>The feedback submissions and the response to stakeholder feedback have been posted, along with a revised timeline for the engagement</li> </ul>	<ul style="list-style-type: none"> <li>An engagement webinar will be held on Sept 21 to provide an update on the proposed Market Rule and draft market manual amendments specifying synchrophasor monitoring requirements</li> <li>In response to stakeholders' requests during prior engagement sessions, the IESO will also present qualitative benefit analysis and quantitative cost range analyses for PMUs deployment in Ontario. The draft Market Rules will be presented to the Technical Panel in Q4 2021</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>Distributed Energy Resources (DER) Survey</u></b></p> <p>The IESO is conducting a stakeholder engagement on behalf of the Ministry of Energy, Northern Development and Mines to better understand the role Distributed Energy Resources (DER) play in the Industrial Conservation Initiative (ICI) and the DER capacity available in Ontario.</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="#">Innovation and Sector Evolution White Papers</a></li></ul>	<ul style="list-style-type: none"><li>• In Sept 2021, the IESO posted the Final Engagement Summary Report and issued a communication to stakeholders to conclude this engagement</li><li>• The report 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>• This engagement has concluded</li></ul>
<p><b><u>Energy Efficiency Opportunities for Grid-Connected First Nation Communities</u></b></p> <p>The IESO is seeking feedback from communities to help inform the design of future energy efficiency programs for First Nation communities in Ontario.</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>• The IESO presented the final program offering to communities at a webinar on July 20, and explained how to apply and participate when the program is launched in Q3 2021</li><li>• In Sept 2021, the IESO posted the Final Engagement Summary Report and issued a communication to stakeholders to conclude this engagement</li><li>• The report 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>• This engagement has concluded</li></ul>

Active Engagement	Current Status	Next Steps
<p><b><u>Industrial Energy Efficiency Program</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: <b>Jordan Penic</b></i>  <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 during the October engagement days</li> </ul>
<p><b><u>Innovation and Sector Evolution White Papers</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: <b>Colin Campbell</b></i>  <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 Oct 2019/Nov 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>	<p>The final white paper will be posted with revisions in Q3, 2021</p>
<p><b><u>IESO York Region Non-Wires Alternatives Demonstration Project</u></b>            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.  <i>Engagement Lead: <b>Colin Campbell</b></i>  <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="#">Innovation and Sector Evolution White Papers</a></li> </ul>	<ul style="list-style-type: none"> <li>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 style="list-style-type: none"> <li>The Final Year 2 Demonstration Program Rules and Contracts have now been posted</li> <li>Initial Year 2 registration opened on Aug 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: <b>Jordan Penic</b></i></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 minutes will be posted shortly</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: <b>Agatha Pyrka</b></i></p>	<ul style="list-style-type: none"> <li>• At the July 27 meeting, members voted to recommend the Capacity Auction administrative type changes to the IESO Board</li> <li>• The vote on the changes and clarification to the Market Rule (omnibus) item has been deferred to the October meeting</li> <li>• Members voted in favour of posting the Improving Accessibility of Operating Reserve proposed market rule amendment for broader stakeholder comment</li> </ul>	<ul style="list-style-type: none"> <li>• The next meeting is scheduled for October 5 where members will vote on whether to recommend the Improving Accessibility of Operating Reserve proposed market rule amendment to the IESO Board</li> <li>• The MRP Market Power Mitigation batch will also be presented to the members at the October meeting</li> <li>• A new item on Adjustments to Intertie Flow Limits will also be introduced during the October meeting</li> </ul>