

# IESO Engagement Update – July 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

The anticipated launch and timing for new engagements are presented below. This information will be shared in each update moving forward so that early input from stakeholders can help plan and prioritize IESO's engagements.

### Cost Recovery for Integrating System Changes

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.

- *Launching:* July 22, 2021

### Regional Planning – Niagara, North & East of Sudbury and Renfrew

Regional electricity planning has begun in three areas – Niagara, North & East of Sudbury and Renfrew. These 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 region.

- *Niagara Launching:* August 3, 2021
- *North & East of Sudbury Launching:* July 19, 2021
- *Renfrew Launching:* July 21, 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="#">Market Renewal Program (MRP) Detailed Design</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 lowering emissions by reducing the reliance on natural gas generation.</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>• IESO is currently reviewing the submitted stakeholder feedback and drafting the response document</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</li></ul>
<p><b><u>Regional Planning – Niagara</u> *new</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 will be held on August 3</li><li>• The draft scoping assessment outcome report and webinar presentation will be posted on the engagement webpage</li></ul>	<ul style="list-style-type: none"><li>• Feedback on the draft scoping assessment outcome report and webinar materials will be due by August 17</li></ul>

Active Engagement	Current Status	Next Steps
<p><b><u>Regional Planning – North &amp; East of Sudbury</u> *new</b></p> <p>Regional electricity planning is underway in this region.</p> <p><i>Engagement Lead:</i> <b>Rouselle Gratela</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 will be held on July 19</li> <li>• The draft scoping assessment outcome report and webinar presentation are posted on the engagement webpage</li> </ul>	<ul style="list-style-type: none"> <li>• Feedback on the draft scoping assessment outcome report and webinar materials will be due by August 3</li> </ul>
<p><b><u>Regional Planning – Northwest</u></b></p> <p>Regional electricity planning is underway in this region.</p> <p><i>Engagement Lead:</i> <b>Susan Harrison</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> <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 which provided an overview of the regional planning process and invited input into the draft engagement plan and input to inform the electricity demand forecast for the region</li> <li>• Feedback was due by June 9</li> </ul>	<ul style="list-style-type: none"> <li>• The IESO will respond to feedback and provide next steps in the coming weeks</li> </ul>
<p><b><u>Regional Planning – Ottawa Area Sub-Region</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> <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 – Peel/Halton Region (GTA West)</u></b> Regional electricity planning. <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="#">NW GTA Transmission Corridor Study</a></li> </ul>	<ul style="list-style-type: none"> <li>• In July 2021, the IESO posted the Peel/Halton (GTA West) Integrated Regional Resource Plan (IRRP) and issued a communication to communities and 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>• This engagement has concluded</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 webinar was held on March 25 to seek feedback on the draft engagement plan and the demand forecast for the region</li> <li>• Feedback has been posted along with the final engagement plan and response to feedback document</li> </ul>	<ul style="list-style-type: none"> <li>• An engagement webinar is being held on July 28 to seek input on potential options to meet needs</li> </ul>
<p><b><u>Regional Planning – Renfrew</u> *new</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 will be held on July 21</li> <li>• The draft scoping assessment outcome report and webinar presentation will be posted on the engagement webpage</li> </ul>	<ul style="list-style-type: none"> <li>• Feedback on the draft scoping assessment outcome report and webinar materials will be due by August 4</li> </ul>
<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> </ul>	<ul style="list-style-type: none"> <li>• The final Scoping Assessment Report was published on Nov 30 and recommended the development of Integrated Regional Resource Plans (IRRPs) for two sub-regions - Barrie/Innisfil and Parry Sound/ Muskoka</li> </ul>	<ul style="list-style-type: none"> <li>• Engagement on the two sub-region IRRPs will commence in Q3 2021</li> </ul>

Active Engagement	Current Status	Next Steps
<p><b><u>Regional Planning – Southern Huron-Perth (Greater Bruce Huron)</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> </ul>	<ul style="list-style-type: none"> <li>• A second webinar is expected in Q3 2021 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> </ul>	<ul style="list-style-type: none"> <li>• The final IRRP is working towards completion for Q3 2021</li> </ul>
<p><b>Regional Planning – Toronto Addendum</b> Regional electricity planning. <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> </ul>	<ul style="list-style-type: none"> <li>• The IESO, along with Toronto Hydro and Hydro One, has commenced work on an Integrated Regional Resource Plan (IRRP) Addendum for the Toronto region</li> <li>• This work will 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>• Outreach will be planned with key stakeholders in the area</li> <li>• A communication will follow in Q3 2021 when details of the study are available</li> </ul>
<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>• Feedback was received and responded to inform the next stage of this study</li> </ul>	<ul style="list-style-type: none"> <li>• A second webinar will be held on July 15 to provide an overview of, and seek input on options to finalize the IRRP Addendum recommendations</li> <li>• The webinar will also provide an update and opportunity for feedback on the draft recommendations to finalize the West of London Bulk Plan</li> </ul>

---

**Active Engagement****Current Status****Next Steps**

---

**Transmission Losses**

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.

*Engagement Lead:* **Jordan Penic**

*Related Active Engagements:*

- [Formalizing the Integrated Bulk System Planning Process](#)

- The IESO will post a draft transmission losses guideline document in July for stakeholder review and feedback

- Stakeholder feedback on transmission losses guidelines will be due in August
  - Response to stakeholder feedback will be provided in Q3 along with a webinar, as required
-

# 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: <b>TBD</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>• 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="#">Enabling Resources Program</a></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 Roadmap</a></li><li>• <a href="#">Distributed Energy Resources Survey</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 submissions were received on the April webinar materials and the IESO is currently reviewing and developing responses to this feedback</li></ul>	<ul style="list-style-type: none"><li>• The IESO will post a document to the engagement webpage that summarizes the feedback received following the April webinar and provides IESO’s response to feedback</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 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>• The IESO has posted a document to the engagement webpage that summarizes feedback received following the April 21 webinar and provides the IESO’s response to feedback</li> <li>• Feedback on the materials presented in the June 23 webinar is due by July 14</li> </ul>	<ul style="list-style-type: none"> <li>• The IESO will respond to feedback received following the June webinar</li> <li>• A third stakeholder engagement will be held in Q3, 2021 where a 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="#">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 next webinar on July 22 will summarize and respond to stakeholder feedback on Qualified Capacity (QC) proposals, outline updates to QC proposals and the hourly demand response QC methodology, and detail how the IESO plans to expand participation to resource-backed imports for the 2022 capacity auction</li> </ul>	<ul style="list-style-type: none"> <li>• Feedback on the July 22 meeting materials are due on August 12</li> <li>• The next engagement meeting will take place during the August 24-26 engagement days</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> *new</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>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>• The first meeting for this new engagement will be held on July 22</li><li>• The engagement plan, presentation and stakeholder feedback form for this meeting are posted on the engagement webpage</li></ul>	<ul style="list-style-type: none"><li>• Review feedback on the engagement plan</li><li>• Feedback on the July 22 webinar materials is due by August 12</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="#">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>• Feedback on the materials presented in the June 22 webinar is due by July 14</li></ul>	<ul style="list-style-type: none"><li>• The IESO will respond to feedback received from the June 22 meeting</li><li>• Within the suite of DER Roadmap projects, IESO and Alectra will hold 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>

Active Engagement	Current Status	Next Steps
<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>Response to feedback from the May 28 webinar materials is being developed by the IESO</li> <li>Proposed draft market rules and manual amendments, were presented as an education item to Technical Panel at the June meeting</li> </ul>	<ul style="list-style-type: none"> <li>IESO to post a response to stakeholder feedback</li> <li>IESO will seek a vote to post the draft market rule and manual updates at the July Technical Panel</li> </ul>
<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>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>The IESO response to stakeholder feedback document has been posted</li> </ul>	<ul style="list-style-type: none"> <li>The next engagement meeting will be held in the fall</li> </ul>
<p><b><u>Market Renewal Program (MRP) Detailed Design</u></b></p> <p>The Detailed Design of the Market Renewal Program will create the detailed documents for the renewed market, building upon the high-level design. The Market Renewal Program as a whole will improve the way electricity is priced and scheduled in order to meet Ontario’s energy needs reliably, transparently and efficiently.</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><a href="#">Formalizing the Integrated Bulk System Planning Process</a></li> <li><a href="#">Market Renewal Program (MRP) Implementation</a></li> </ul>	<ul style="list-style-type: none"> <li>Final versions of the detailed design have been posted, and the discussion with stakeholders will carry over into the implementation phase</li> <li>A final version of the Settlements Disagreements and Resettlements design update has been posted and was discussed with stakeholders on June 24</li> </ul>	<ul style="list-style-type: none"> <li>Feedback on the June 24 webinar is due by July 15</li> </ul>

Active Engagement	Current Status	Next Steps
<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>• <a href="#">Market Renewal Program (MRP) Detailed Design</a></li> </ul>	<ul style="list-style-type: none"> <li>• The first meeting of the Technical Advisory Group was held on June 18</li> <li>• An overview of how the IESO will transparently engage with stakeholders on solutions for practical issues that arise when implementing aspects of the detailed design was presented on June 24</li> </ul>	<ul style="list-style-type: none"> <li>• One-on-one consultations to determine reference levels and reference quantities are continuing</li> <li>• Feedback on the June 24 webinar is due by July 15</li> <li>• Stakeholder engagement on the Market Power Mitigation batch of draft market rules and market manuals will begin in August</li> </ul>
<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>• The IESO Board of Directors adopted the market rule amendment proposal and the amendment took effect on May 3, 2021</li> <li>• At the request of Technical Panel members, the future availability of errors and omissions insurance will be reviewed periodically and this has now been included as a standing action item as part of the Technical Panel meeting minutes</li> </ul>	<ul style="list-style-type: none"> <li>• This engagement will conclude with the development of an engagement summary report</li> </ul>
<p><b><u>Transmission Rights Market Review</u></b></p> <p>The IESO is seeking feedback to determine what changes may be required to maximize the efficiency of the Transmission Rights (TR) market and to ensure that the TR market is aligned and compatible with the renewed energy market in the future.</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="#">Market Renewal Program (MRP) Detailed Design</a></li> </ul>	<ul style="list-style-type: none"> <li>• In July 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>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>IESO posted a response to stakeholder feedback from the Nov 19 webinar and shared a revised timeline for the engagement</li> </ul>	<ul style="list-style-type: none"> <li>A webinar will be scheduled for Q3 2021 to present updates to the draft Market Rule amendments and associated Market Manual revision</li> <li>The draft Market Rules will be presented to the Technical Panel in Q3/4 2021</li> </ul>
<p><b><u>Updates to Performance Requirements: Market Rule Appendices 4.2 and 4.3</u></b></p> <p>The IESO proposes to update Appendices 4.2 and 4.3 of the Market Rules to mitigate identified potential operational concerns related to the increased penetration of distributed energy resources, and to clarify the performance requirements for inverter-based resources.</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>In July 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>

# 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 Survey</u></b>            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.  <i>Engagement Lead: <b>Colin Campbell</b></i>  <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>• A voluntary survey was held until Sept 28 with Industrial Conservation Initiative (ICI) participants, as well as energy services companies serving these customers</li> <li>• Confidential follow-up discussions were also held with stakeholders in one-on-one and small group settings in early Oct</li> <li>• The survey findings were provided to the Ministry in Q4 2020</li> </ul>	<ul style="list-style-type: none"> <li>• Further engagement steps to be determined</li> </ul>
<p><b><u>Energy Efficiency Opportunities for Grid-Connected First Nation Communities</u></b>            The IESO is seeking feedback from communities to help inform the design of future energy efficiency programs for First Nation communities in Ontario.  <i>Engagement Lead: <b>Colin Campbell</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>• The IESO will present the final program offering to communities at a webinar on July 20, and explain how to apply and participate</li> </ul>	<ul style="list-style-type: none"> <li>• The program is planned to launch in Q3 2021</li> </ul>
<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>Agatha Pyrka</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>• Feedback on the June 22 webinar materials are due by July 14</li> </ul>	<ul style="list-style-type: none"> <li>• Review stakeholder feedback and draft the IESO response document</li> </ul>

Active Engagement	Current Status	Next Steps
<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: Colin Campbell</i></p> <p><i>Related Active Engagements:</i></p> <ul style="list-style-type: none"> <li>• <a href="#">Distributed Energy Resources Survey</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 and 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>	<ul style="list-style-type: none"> <li>• The final white paper will be posted with revisions in Q3, 2021</li> </ul>
<p><b><u>IESO York Region Non-Wires Alternatives Demonstration Project</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>• <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 first local capacity auction took place Nov 18 – 19 2020</li> <li>• Participant contracts were issued in early Dec 2020</li> <li>• The first commitment period started on May 1</li> </ul>	<ul style="list-style-type: none"> <li>• IESO and Alectra will hold 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>

# 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 Feb 17 to discuss:               <ul style="list-style-type: none"> <li>○ IESO’s 2021 priorities</li> <li>○ Enabling Resource Participation</li> <li>○ Stakeholder Survey Results</li> </ul> </li> <li>• Meeting minutes have been posted</li> <li>• The successful candidate for the Energy Related Businesses and Services constituency is Paul Grod of Rodan Energy</li> </ul>	<ul style="list-style-type: none"> <li>• The next public SAC meeting is scheduled for August 4</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>• Technical Panel members voted to post both the Capacity Auction administrative type changes and clarifications to the Market Rules (omnibus) items for broader stakeholder comment during the June meeting</li> <li>• Technical Panel members asked clarifying questions related to the scope of the ‘parking lot’ item in relation to the MRP</li> </ul>	<ul style="list-style-type: none"> <li>• At the July 27 meeting, members will vote on whether to recommend the Capacity Auction administrative type changes and clarifications to the Market Rules (omnibus) items to the IESO Board</li> <li>• Members will also vote on whether to post the Improving Accessibility of Operating Reserve item for broader stakeholder comment</li> </ul>