IESO Engagement Update January 23, 2025

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 up-to-date information, visit the individual engagement links or the Engagement Initiatives web page



Forecasting and Planning

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

Active Engagements	Current Status	Next Steps
Bulk Planning – Northern Ontario Bulk Study This engagement will seek input from stakeholders and communities on the Northern Ontario Bulk Study initiative. Engagement Lead: Andreea Nicoara Community Engagement Leads: Nadia Mirabelli	 Engagement continues with interested members of the sector on the development of a Northern Ontario Bulk Study. Feedback from these public sessions, as well as input gathered during direct one-on- one meetings with participants, will be posted on the engagement webpage. 	• Engagement on this active bulk plan continues with a session to be scheduled during the IESO's Q1 2025 Engagement Days.
Bulk Planning – South and Central Ontario Bulk Study This engagement will seek input from stakeholders and communities on the South and Central Ontario Bulk Study initiative. Engagement Lead: Andreea Nicoara	 Engagement continues with interested members of the sector on the development of a South and Central Bulk Study. Feedback from these public sessions, as well as input gathered during direct one-on- 	• Engagement on this active bulk plan continues with a session to be scheduled during the IESO's Q1 2025 Engagement Days.



<i>Community Engagement Leads:</i> Keir Johnston	W	ne meetings with participants, vill be posted on the ngagement webpage.		
Bulk Planning – Eastern Ontario Bulk Study This engagement will seek input from stakeholders and communities on the Eastern Ontario Bulk Study initiative. Engagement Lead: Andreea Nicoara Community Engagement Leads: Nadia Mirabelli	ir se E Se g o v	ingagement continues with interested members of the ector on the development of an astern Ontario Bulk Study. eedback from these public essions, as well as input athered during direct one-on- ne meetings with participants, vill be posted on the ngagement webpage.	•	Engagement on this active bulk plan will continue in 2025.
Regional Planning – Burlingtonto NanticokeRegional electricity planning isunderway in this region.Engagement Lead: Jessica SinghIndigenous Relations Lead: KeirJohnston	T a o e	his engagement is complete. The IESO response to feedback nd final IRRP report was posted n November 28 and shared via mail with participants ubscribed to receive updates.	•	Engagement on the Hamilton Addendum will take place in 2025.
Regional Planning – Ottawa Area Sub-Region Regional electricity planning is underway in this region. <i>Engagement Lead:</i> Jessica Singh Indigenous Relations Lead: Nadia Mirabelli	D a p a lo t e ir • F J a s	webinar was held on becember 12, 2024, to share the nalysis of Ottawa's electricity eeds and seek feedback on the otential wire options. The IESO lso shared details regarding a bcal achievable potential study. The recording is available on the ngagement webpage for all interested parties to view. eedback was collected until anuary 2, 2025, and ubmissions have been posted in the engagement webpage.	•	Responses to feedback will be posted in Q1 2025. Engagement will continue with respect to developing an IRRP for the region until Q1 2025.

Regional Planning –	A webinar was held on	Feedback was accepted
Kitchener/Waterloo/Cambridge/ Guelph (KWCG) Regional electricity planning is underway in this region. Engagement Lead: Brooke Crewson Indigenous Relations Lead: Keir Johnston	 A webhai was held on December 12 to provide an overview of the regional electricity planning process and seek feedback on the draft electricity demand forecast scenarios and the proposed engagement plan. The recording, draft engagement plan, methodology and data tables are available for all interested parties to view. 	 Feedback was accepted until January 8, 2025 and submissions have been posted on the engagement page for interested parties to view. Responses to this feedback will be posted in Q1. Engagement will continue with respect to developing an IRRP for this region until Q4 2025.
Regional Planning – Toronto Regional electricity planning is underway in this region. <i>Engagement Lead:</i> Samantha Polito <i>Indigenous Relations Lead:</i> Keir Johnston	 A webinar was held on December 5 to share the draft regional electricity needs that have been identified based on the forecast scenarios and to seek feedback. The recording is available for all interested parties to view. Feedback was accepted until Jan 3. 	 IESO response to Feedback will be posted in Q1 2025. Engagement for the Toronto area IRRP will continue throughout 2025.
Regional Planning – GTA North (York Region) Regional electricity planning is underway in this region. <i>Engagement Lead:</i> Andreea Nicoara and Brooke Crewson <i>Indigenous Relations Lead:</i> Nadia Mirabelli	 A webinar was held on November 26 to share the draft forecast scenario and to seek feedback. The recording, methodology, and engagement plan, and presentation are available for all interested parties to view. 	 Feedback was accepted until December 17 and submissions have been shared on the engagement webpage and responses will be posted. Engagement on this IRRP will continue through 2025.
Regional Planning – Windsor-Essex Regional electricity planning is underway this region. Engagement Lead: Andreea Nicoara Indigenous Relations Lead: Keir Johnsto	November 26 to share the detailed option analysis and seek feedback on the draft	 Feedback will be posted and an IESO Response to Feedback will be shared. Engagement will continue with respect to developing an IRRP for the region until Q1 2025.
Regional Planning – GTA West Regional electricity planning is underway this region. Engagement Lead: Samantha Polito Indigenous Relations Lead: Keir Johnst	 A webinar was held on Oct 29 to share draft scoping assessment report. Written feedback was accepted until Nov 14 and IESO response was posted on Nov 28. 	• Engagement will continue in 2025 with to respect to developing an IRRP for the region.

Regional Planning – GTA East • Regional electricity planning is underway this region. Engagement Lead: Jessica Singh Indigenous Relations Lead: Keir Johnsto Indigenous Relations Lead: Keir Johnsto • Regional Planning – East Lake Supe • Regional electricity planning is underway this region.	A webinar will be held in Q1 2025 to provide an overview of the electricity planning process and seek input on a draft Scoping Assessment Outcome Report. Subscribe to receive updates when this engagement is live at <u>www.ieso.ca/subscribe</u> . A webinar was held on December 4, 2024 to provide an overview of the electricity	 The IESO Response to Feedback and the final Scoping Assessment Outcome Report will be shared on March 10, 2025. Engagement on this IRRP will continue through 2025.
Engagement Lead: Jessica Singh Indigenous Relations Lead: Keir Johnston	planning process and seek input on a draft Scoping Assessment Outcome Report. Written feedback was accepted until December 18, 2024 and submissions have been posted. The IESO Response to Feedback and the final Scoping Assessment Outcome Report was posted on January 9, 2025.	
Regional Planning – London ElectricAreaRegional electricity planning is underway this region.Engagement Lead: Samantha Politoand Chiara CozziIndigenous Relations Lead: Keir Johnsto	Municipal outreach has been completed for the first set of targeted meetings to discuss the regional planning process. The January 27, 2025 Scoping Assessment Webinar invite has been circulated to the stakeholder list.	 The Scoping Assessment webinar is scheduled for January 27, 2025 Webinar Feedback will be accepted until February 10, 2025 The targeted meetings are scheduled with the municipalities on February 3, 7, 11, 12 and 13, 2025.

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
Capacity Auction Enhancements The annual Capacity Auction is one of the procurement mechanisms included in the IESO's Resource Adequacy Framework and serves as the short-term balancing mechanism in the framework, securing the capacity required to meet Ontario's short-term resource adequacy needs. Engagement Lead: Maia Chase Related Engagements: • Resource Adequacy • Demand Side Vision		 A public engagement session will be held on January 30 to continue the discussion of 2025 enhancements.
Demand-Side VisionThe IESO is continuing discussions with the Demand-Side community to explore the enhancement of Demand-Side Resources in the IESO-Administered Market and programs. The initiative addresses key issues and opportunities from the Demand-Side community, planning to prioritize improvements to Demand Response participation models. Engagement Lead: Trisha Hickson Related Engagements:•Enabling Resources Capacity Auction Enhancements	The Demand-side vision work is in progress with sessions underway with targeted stakeholders.	Public engagement sessions will be held as required to continue discussions on improvements to Demand Response participation an feedback from technical sessions will be shared.
Transmitter Selection Framework The IESO is developing a Transmitter Selection Framework (TSF) to align with the Powering Ontario's Growth report's actions and plans, with a progress report due to the Minister by Summer 2024. <i>Engagement Lead:</i> Fatema Khatun <i>Community Engagement Leads:</i> Nadia Mirabelli and Andreea Nicoara	• An engagement session on the proposed transmitter- qualification criteria for the future Qualified Transmitter Registry (QTR) was held on January 22, 2025.	• Feedback for this engagement session is du by February 12, 2025.

Active Engagement	Current Status	Next Steps
Distributed Energy Resources (DER) Market Vision and Design Project 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. Engagement Lead: Jason Grbavac Related Engagements: DER Potential Study_ DER Roadmap Enabling Resources Program_ Hybrid Integration Project_ Innovation and Sector Evolution White Paper Series_ Resource Adequacy	The work completed under the DER Market Vision and Design Project will be transitioned to the Enabling Resources Program engagement.	See the Enabling Resources Program engagement for further information.
Distributed Energy Resources (DER) Roadmap 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. <i>Engagement Lead:</i> Jason Grbavac <i>Related Engagements:</i> Joint Study of DER Incentives DER Market Vision & Design Project DER Potential Study Enabling Resources Program Hybrid Integration Project IESO York Region Non-Wires Alternatives Demonstration Project Resource Adequacy	 A joint meeting with the Ontario Energy Board was held on November 27,2023 on the DER Integration Framework for Energy Innovation where updates were provided on cross-cutting issues and the work of the two organizations as it relates to DERs, including on the Joint DER Incentives Study. The meeting also included a panel on the 2021 Grid Innovation Fund and Innovation Sandbox Projects. 	The IESO is reviewing potential next steps on this initiative.

Active Engagement Current Status Next Steps Enabling Resources Program The IESO hosted a session The next ERP engagement • The revised Enabling Resources Program to provide an update and session will focus on the (ERP) is an integrated set of projects Storage and Co-located next steps on the Enabling that will enable emerging resources to Hybrid Integration project Resources Program (ERP) provide required system services and during the November and will take place in Q1contribute to the safe and reliable **Engagement Days** 2025. operation of the bulk power system in ERP is comprised of two Ontario. The first ERP project will projects which will be incorporate electricity storage, and engaged separately to hybrid generation-storage pairings into provide the right focus and the IESO-administered markets, tools, technical discussions on and processes. design. Feedback from November Engagement Lead: Jason Grbavac 20, 2024, session was Related Engagements: posted on the ERP Storage ERP - Storage and Hybrid Integration Project page. An IESO Project response to feedback will be posted by February. **Hybrid Integration Project** The work completed under the See the Enabling The IESO is seeking feedback on the Hybrid Integration Project will **Resources Program** development of participation model(s) to be transitioned to the Enabling engagement for further enable hybrid resources in the IESO-**Resources Program** information. administered markets and have the engagement. capability to support Ontario's future system needs. The changes will be implemented after the implementation of the Market Renewal Project. Engagement Lead: Jason Grbavac Related Engagements:

- DER Market Vision & Design Project
- DER Potential Study
- DER Roadmap
- Enabling Resources Program
- Innovation and Sector Evolution
 White Paper Series

Active Engagement

Long-Term RFPs

The IESO is engaging stakeholders and communities on the development of a series of Long-Term RFPs that will seek resources to address global needs. Engagements targeted to communities and the broader public are underway. *Engagement Leads:* **Trisha Hickson** *Community Engagement Leads:* **Sonia Fazari and Andreea Nicoara**

Related Engagements:

- Resource Adequacy
- Hybrid Integration Project
- <u>Market Renewal Program (MRP)</u>
 <u>Implementation</u>

Current Status

Stakeholder Engagement:

 Feedback received following the December 12 engagement session is posted on the LT2 webpage.

Community Engagement:

- A webinar was held on July 30th, 2024, for Indigenous Communities and municipalities to share key updates and understand feedback. IESO Responses to Feedback was posted on November 14*th*, 2024.
- A webinar was scheduled on November 13th, 2024, for Indigenous Communities and municipalities to share key updates and understand feedback. Written feedback was accepted until December 6, 2024.

Next Steps

Stakeholder Engagement:

- The next LT2 RFP stakeholder engagement webinar is scheduled for January 28.
- In addition to the LT2 webinar on January 28, the IESO will discuss Long-Lead Time Resource Procurements
- The IESO is also hosting a deliverability testing focused session for the LDC Community on January 29.

Community Engagement:

- Feedback from the November session will be posted on the website when available.
- The IESO will be hosting a Municipal engagement session on February 25.
 - The IESO remains committed to engaging with Indigenous communities early in its procurement design and planning processes. These opportunities will include formal outreach, targeted webinars and individual meetings, as needed.

Active Engagement	Current Status	Next Steps
Medium-Term RFP The IESO is engaging stakeholders on the development of a second Medium- Term RFP (MT2) aimed at re-committing resources with contracts expiring between 2026-2029 to secure Ontario's future energy needs. <i>Engagement Lead:</i> Fatema Khatun <i>Related Engagements:</i> Long-Term RFP Resource Adequacy	 A second engagement session on Q&A to address outstanding technical questions related to MT2 RFP documents was held on November 7. Following the engagement session, four feedback submissions were received. IESO response to feedback was posted on December 12. 	• Final MT2 RFP documents were posted to the Medium-Term 2 RFP webpage.
Request for Information – ResourceAdequacy FrameworkThe IESO is requesting information fromexisting resource owners whosecontracts expire within the next tenyears, as well as developers interested infuture projects.Engagement Leads: Fatema KhatunRelated Engagements:Long-Term RFPResource AdequacyMedium-Term RFP	 An information session was held during September engagement days to explain how the IESO will gather insights to help inform future energy supply procurements in Ontario. RFI closed on November 1. 	• IESO is analyzing the RFI results. A summary of findings will be posted on engagement webpage in Q1 of 2025.
Local Generation Program The IESO is engaging stakeholders on a proposal to establish a program that will enable re-contracting of existing resources, and consider opportunities for expansions and new build facilities <i>Engagement Lead</i> : Maia Chase <i>Related Engagements:</i>		 A public engagement session will be held on January 30, 2025, at which the IESO will provide information on the Local Generation Program and gather feedback on the high-level design of the program.

Operations

- Long-Term RFP
- **Request for Information Resource** • **Adequacy Framework**

IESO Engagement Update, January 23, 2025, | Public

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
Market Renewal Program (MRP) Implementation 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. Engagement Lead: Cynthia Sidalak Related Engagements: • Resource Adequacy • Enabling Resources • DER Market Vision & Design Project	 A kick-off meeting was held on January 13, 2025, to provide an overview on the last phase of Market Participant testing, End-to-End Testing. Market Participants will be able to conduct End-to-End Testing starting on January 20, 2025, to March 26, 2025. A stakeholder engagement meeting is scheduled on January 29, 2025, to provide Market Participants an overview of the Cutover Testing and Pre-Production Testing. 	 The first Q&A session on End- to-End Testing will be held on February 4, 2025.
Hybrid Integration IESO Market Rule Amendments, Chapter 3, Confidentiality, Dispute Resolution and Enforcement The Market Assessment and Compliance Division (MACD) of the IESO is proposing amendments to Chapter 3 of the Market Rules. The purpose of these proposed changes is to modernize and clarify rules related to some of MACD's enforcement processes, including confidentiality and how it handles disputes under the IESO Dispute Resolution Process. Engagement Lead: Trisha Hickson	 A webinar was held in February 2024 to discuss the proposed market rule amendments and feedback received from the November 2023 session. Feedback following the February 6 engagement webinar is available on the engagement webpage. 	MACD is continuing to undertake stakeholder engagement and outreach to seek further feedback.

Active Engagement	Current Status	Next Steps
Updates to IESO Monitoring Requirements Phasor Data The IESO proposes to update Market Rule Appendices 4.15 and 4.16 to clarify requirements for generators and transmitters to install phasor technology infrastructure and provide phasor data to the IESO. The proposed changes are intended to align with requirements in other North American ISOs and RTOs. The IESO is seeking feedback from stakeholders on these proposed updates in Market Rule Appendices 4.15 and 4.16. Engagement Lead: Maia Chase	An engagement session was held on October 22, to inform participants of the latest revisions made to the Market Manual and the process for Market Participants to register their PMUs and establish a connection with the IESO for transmitting synchrophasor data.	 The applicable Market Rules became effective on December 31, 2024. The proposed Market Manual changes are part of Baseline 53 for comment

Active Engagement	Current Status	Next Steps
Interchange Schedule Code, MrNH The IESO is hosting a session to inform stakeholders of an upcoming change to the interchange schedule code, MrNH (MISO Ramp/New York Hour-Ahead Market) which relates to managing intertie transactions between Ontario and the corresponding jurisdictions. Engagement Lead: Maia Chase	 A session was held on May 22 that provided stakeholders with an understanding of the interchange schedule code MrNH, identified issues, modification to the code, and the implementation timeline. Feedback from the session has been posted on the engagement webpage. 	changes are included in the Baseline 53 for comment.
Amendments to Market Manual Part 2.2 Exemption Application and Assessment The IESO is hosting a session to inform stakeholders of proposed changes to the exemptions market manual. The proposed changes are focused on MRP readiness, and some additional proposed changes focused on improved structure and greater clarity. The IESO is seeking feedback on these proposed changes. <i>Engagement Lead:</i> Maia Chase	• A The proposed Market Manual changes were approved by the IESO Board, and the final version is posted on the website.	A close out summary will be posted in Q1 2025.
Updates to Market Manual 1.4Connection Assessment andApprovalThe IESO hosted an informationsession to present the revisions toMarket Manual 1.4 and theapplicable forms. The Manual wasrevised to provide clarity to severalprovisions and reorganized toprovide greater structureEngagement Lead: Maia Chase	The final version of the Marker Manual is posted on the website effective December 4, 2024	posted in Q1 2025.

Sector Evolution

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

Active Engagement	Current Status	Next Steps
Expanding Third Party Access to the Smart Metering Data The Smart Metering Entity (SME) has been directed by the Ontario Energy Board to undertake an assessment to expand third-party access to smart meter data. The assessment will evaluate the opportunity to include additional organizations beyond the Canadian Government entities and may address other opportunities for data access expansion. <i>Engagement Lead:</i> Fatema Khatun	 Targeted sessions were held on November 27, 28 and 30, 2023 with stakeholders to continue conversations to gain insight and gather feedback on expanding third party access. Feedback received during the targeted engagement sessions is being analyzed. Smart Metering Annual Cost and a Variance Account Report for 2023 was submitted to the Ontario Energy Board in April 2024. 	 The final report was submitted to the Ontario Energy Board on December 16, 2024.
Future Clean Electricity FundProceeds from the sale of IESO-ownedClean Energy Credits on the Ontario'sClean Energy Credit Registry will bedirected to Ontario's Future CleanElectricity Fund. The IESO has beentasked by the Ministry with developinginsights and recommendations for aFuture Clean Electricity Fund (FCEF).Engagement Leads: Fatema KhatunCommunity Engagement Leads: SoniaFazari and Andreea NicoaraRelated Engagements:• Clean Energy Credits	 Outreach meetings were held in October and November with municipalities to understand insights and recommendations to develop the Fund. The IESO recommendations report was submitted to the Ministry of Energy in December 2023. 	 Next steps are pending Ministry of Energy's review and decisions.

<u>Clean Energy Credits</u>

Active Engagement	Current Status	Next Steps
Hydrogen Interruptible Rate PilotThe Minister of Energy asked the IESO tosubmit a report by September 15, 2023,outlining a plan for the HydrogenInterruptible Rate Pilot tailoredspecifically for hydrogen producers anddevelopers in Ontario.Engagement Lead: Fatema KhatunRelated Engagements:• Interruptible Rate Pilot	 The IESO held meetings in July and August with hydrogen developer organizations that expressed interest in the pilot and solicited feedback on pilot design features that would support participation and leverage the flexibility of electrolyzer-based hydrogen production facilities. 	 The IESO provided an update that the submission of the plan for the hydrogen interruptible rate pilot to the Ministry of Energy has been postponed until there is further clarity on the federal government's Investment Tax Credit (ITC) related to clean hydrogen production. An updated timeline will be provided once further details on the ITC are available.
Innovation and Sector EvolutionWhite PapersThe IESO intends to develop and releasea series of white papers to support thecreation of a shared, fact-basedunderstanding of emerging opportunitiesand trends.Engagement Lead: Jason GrbavacRelated Engagements:• DER Potential Study• DER Roadmap• IESO York Region Non-WiresAlternatives Demonstration Project	This engagement remains on hold.	The IESO is reviewing the next steps on this engagement.
Low-Carbon Hydrogen Strategy The Ministry of Energy has asked the IESO to investigate and propose program options to integrate low-carbon hydrogen technologies into Ontario's electricity grid. Engagement Lead: Jason Grbavac Related Engagements: • Pathways to Decarbonization	The first group of successful applicants was <u>announced</u> in October 2023, and the second <u>announced</u> in November 2023.	 This engagement has now concluded. A final engagement summary report will be posted to the engagement webpage later this year.

Updates on the Strategic Advisory Committee, Technical Panel and Transmission-Distribution Coordination Working Group

Group	Current Status	Next Steps
Strategic Advisory Committee (SAC) 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. Engagement Lead: Maia Chase	The next SAC public meeting will be in April.	• Details and materials for the next SAC meeting will be posted in advance of the meeting.
Technical Panel (TP) The Technical Panel's mandate is to review amendments to the Market Rules for Ontario's electricity market and provide recommendations to the IESO Board of Directors. <i>Engagement Lead:</i> Trisha Hickson	 During October 15, the Technical Panel members discussed the implementation of the Market Power Mitigation Working Group. An in-camera session was held for TP members on December 17 	 The next Technical Panel meeting is scheduled for February 11.

Group	Current Status	Next Steps
Transmission – DistributionCoordination Working GroupThe Transmission-DistributionCoordination Working Group(TDWG) works closely with LDCsand other stakeholders to inform theDER Market Vision and DesignProject. This is a key focus area ofIESO's Distributed Energy Resources(DER) integration activities and iswhat much of the near-term DERRoadmap efforts build towards. TheTDWG will provide a forum for in-depth engagement on Transmission- Distribution coordination.Engagement Lead: Fatema KhatunRelated Engagements:• DER Market Vision & Design Project• DER Roadmap• IESO York Region Non-Wires Alternatives Demonstration Project• Innovation and Sector Evolution White Paper Series	• Feedback from November 25 is due by December 23, 2024. No feedback received.	The next TDWG meeting will be scheduled for Q1 2025.