

# Ottawa Area Sub-region Integrated Regional Resource Plan

## Responses to Public Feedback Received on Draft Engagement Plan and May 29, 2019 Webinar

The IESO launched a new engagement initiative for the Ottawa Area Sub-region Integrated Regional Resource Plan (IRRP) on May 9, 2019, and posted a draft Engagement Plan for public comment. As part of this engagement initiative, a public webinar was held on May 29, 2019 that presented information on the regional electricity demand forecast, needs and potential options and invited feedback for consideration. The presentation material and recorded webinar are available on the [engagement webpage](#).

Feedback was received from the following parties and posted on the engagement webpage:

- [Mark Aruja](#)
- [T Tung Hydraulic and Renewable Energy Technologies Inc.](#)
- [The City of Ottawa](#)
- [Ottawa Renewable Energy Co-operative and CoEnergy Ontario Co-operative](#)
- [Tay Valley Township](#)

The table below summarizes the themes that emerged from feedback received and IESO responses. The IESO appreciates the feedback received and will be considered by the Technical Working Group\* as its work continues on the development of an Integrated Regional Resource Plan (IRRP) and ongoing engagement activities.

Source	Feedback
<b>Theme 1: Non-wires solutions</b>	
T Tung Hydraulic and Renewable Energy Technologies Inc.	1. Encourage net-metering by renewable generation.
Ottawa Renewable Energy Co-operative and CoEnergy Ontario Co-operative	2. Consider locally delivered CDM under the IRRP given that province-wide programs are currently under review.
	3. Non-wires options such as distributed generation, storage and CDM can play an important role in meeting future demand, and may be the most cost-efficient option.

\*The Ottawa Area Sub-region IRRP Technical Working Group consists of Hydro Ottawa, Hydro One (transmission and distribution) and the IESO

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	4. Non-wires options such as distributed generation, storage and CDM can play an important role in meeting future demand, and may be the most cost-efficient option.
	5. Future engagement should provide analysis and discussion of non-wires options.
City of Ottawa	6. GHG emission targets present the following implication: <ul style="list-style-type: none"> <li>• Non-wires solutions involving battery storage should be considered</li> </ul>
<b>IESO Response:</b> The IRRP will study the ability of non-wires options, such as distributed generation, storage, and CDM, to cost effectively manage and/or help address identified needs in the area. Options analysis will be discussed through subsequent engagement activities as outlined in the <a href="#">Engagement Plan</a> .	
Ottawa Renewable Energy Co-operative and CoEnergy Ontario Co-operative	7. Discuss how energy co-operative partnership models can be used to deliver non-wires options.
<b>IESO Response:</b> The IRRP will study and recommend options to address identified needs. The plan will also identify the accountable party to implement/develop the option. Implementation plans will be developed by the accountable party after the IRRP.	
Ottawa Renewable Energy Co-operative and CoEnergy Ontario Co-operative	8. Virtual net metering should be considered.
Tay Valley Township	
<b>IESO Response:</b> In its regional planning activities, the IESO examines non-wires options as part of developing an integrated regional solution to meet identified system needs. The Technical Working Group welcomes any information or data that could improve its evaluation of a particular technology for meeting an identified need. The IESO will be reaching out and engaging with all key communities and stakeholders in this IRRP process.	

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<b>Theme 2: Land use</b>	
Mark Aruja	9. Examine how developers would be required to build a proposed subdivision on a geothermal system.
<b>IESO Response:</b> Land development is governed by building standards and at the discretion of municipalities, and beyond the scope of the IRRP. The City of Ottawa is actively engaged in this planning process.	
City of Ottawa	10. Land use for power distribution or transmission should be avoided due to intensification goals.
<b>IESO Response:</b> While developing cost effective plans to address identified needs, the IRRP will aim to maximize the use of existing infrastructure and minimize the need for greenfield expansion work.	
City of Ottawa	11. Would the option of retiring Bilberry TS free up land for future use?
<b>IESO Response:</b> The land in question is currently used by the asset owner Hydro One. Changes in land use of a transmission facility after retirement is a commercial and policy decision and not within the scope of regional planning.	
<b>Theme 3: GHG reduction</b>	
City of Ottawa	12. GHG emission targets present the following implications: <ul style="list-style-type: none"> <li>• Greater reliance on electricity</li> <li>• Local generation solutions should not involve fuel combustion</li> </ul>
<b>IESO Response:</b> The IRRP will consider city plans through development of the demand forecast in collaboration with the local distributors, and will continue to be taken into account through the engagement process.	

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<b>Theme 4: Cost effectiveness</b>	
City of Ottawa	<b>13.</b> Minimizing costs to the rate base is a strong consideration
<b>IESO Response:</b> The IRRP aims to cost effectively manage identified needs in the area.	
<b>Theme 5: Feasibility of generation</b>	
City of Ottawa	<b>14.</b> Although electricity generation in hydro corridors is not permitted, it is noted that such a practice is undertaken in other jurisdictions.
<b>IESO Response:</b> The decision of whether to permit electricity generation in transmission corridors is an asset owner decision based on safety and reliability requirements. The practice in Ontario generally has been to not permit generation under transmission corridors due to challenges in restoration and maintenance purposes.	
Tay Valley Township	<b>15.</b> Solar capacity should be allowed at a substation beyond the current thresholds permitted by the transmitter.
<b>IESO Response:</b> The capability of equipment such as transformer ratings and the allowable amount of distribution-connected generation at a station is the accountability of the asset owner.	