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April 8<sup>th</sup> 2016

Brenda L. Pinke  
Regulatory/CDM Manager  
InnPower Corporation  
7251 Yonge Street  
Innisfil, Ontario, L9S 0J3

Dear Ms. Pinke:

**Subject: Regional Planning Status**

In reference to your request for a regional planning status letter, please note that InnPower belongs to the South Georgian Bay/Muskoka Region, which is in Group 2. A map showing details with respect to the 21 Regions/Groups and a list of Local Distribution Companies (LDCs) in each Region is attached in Appendix A and B respectively.

InnPower is an embedded LDC supplied via 44 kV lines from Alliston TS, Everett TS, and Barrie TS. The needs that may impact InnPower distribution system, as identified in the Needs Assessment, are summarized below:

- The 115 kV circuit E3B, supplying Barrie TS radially from Essa TS, and the Essa 230/115 kV autotransformers, are expected to exceed their limited time rating upon loss of the companion circuit or autotransformer;
- Barrie TS transformers are nearing their end-of-life and are expected to exceed their normal supply capacity;
- Load restoration criteria (4 hours) may not be met for loss of double 230 kV circuits E8V and E9V, supplying Alliston TS and Everett TS.

As the outcome of the Scoping Assessment, an Integrated Regional Resource Planning (IRRP) is currently underway and is expected to be completed in Q4 2016.

To address the capacity needs in a timely manner, Hydro One, in parallel to the ongoing IRRP, will be working with the LDCs in developing a wires plan to upgrade Barrie TS transformers and E3B/E4B circuits to 230 kV voltage level. This upgrade is expected to increase supply capacity to customers connected to Barrie TS. Further details will be discussed with the Working Group and communicated as they become available.

Hydro One looks forward to continue working with InnPower in executing the regional planning process. Please feel free to contact me if you have any questions.

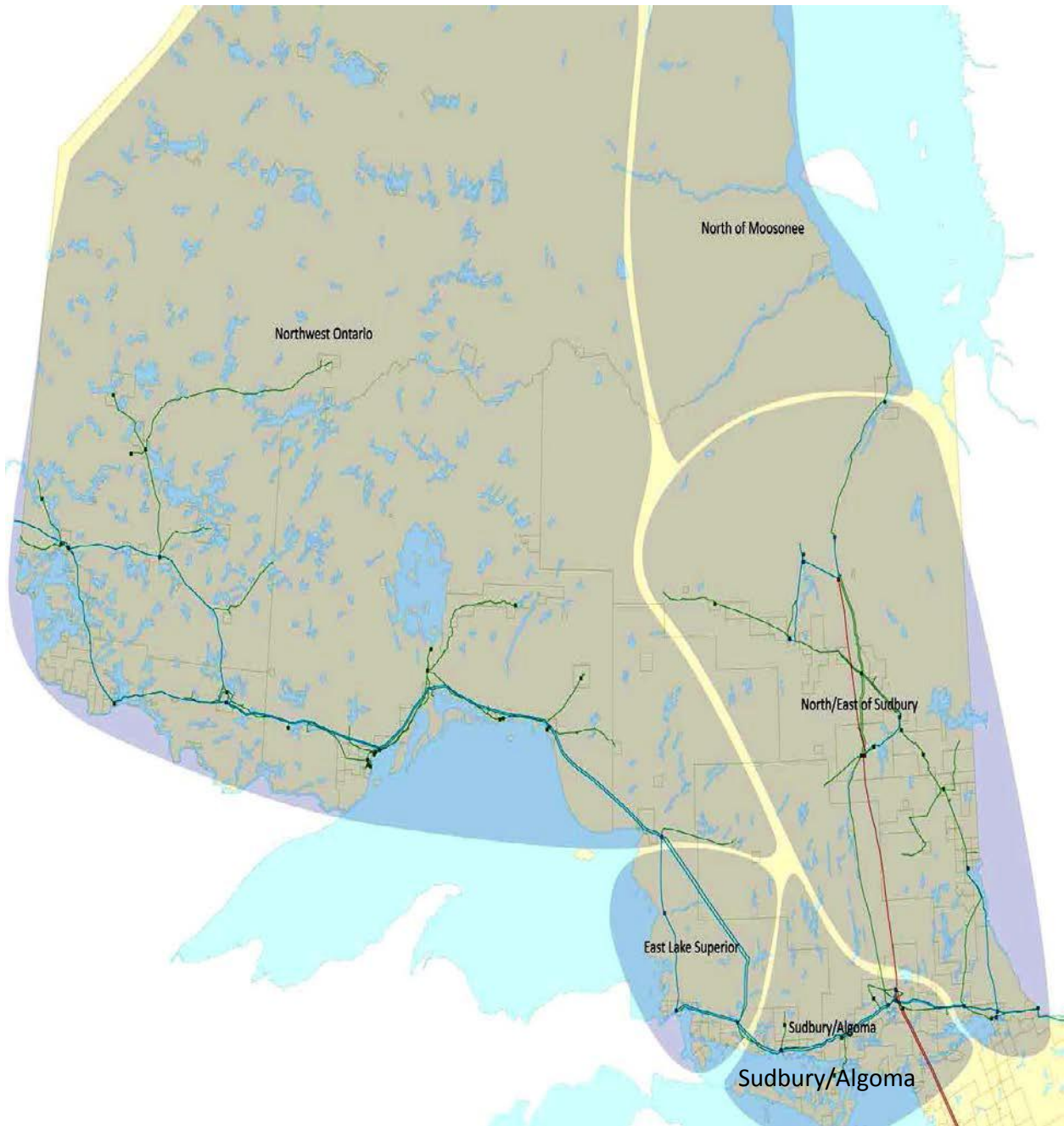
Sincerely,

A handwritten signature in black ink, consisting of a stylized capital letter 'A' followed by a long, sweeping horizontal line that tapers to the right.

Ajay Garg, Manager – Regional Planning Coordination  
Hydro One Networks Inc.

## Appendix A: Map of Ontario's Planning Regions

### Northern Ontario



# Southern Ontario



## Greater Toronto Area (GTA)



<b>Group 1</b>	<b>Group 2</b>	<b>Group 3</b>
Burlington to Nanticoke	East Lake Superior	Chatham/Lambton/Sarnia
Greater Ottawa	London area	Greater Bruce/Huron
GTA East	Peterborough to Kingston	Niagara
GTA North	South Georgian Bay/Muskoka	North of Moosonee
GTA West	Sudbury/Algoma	North/East of Sudbury
Kitchener- Waterloo- Cambridge-Guelph ("KWCG")		Renfrew
Metro Toronto		St. Lawrence
Northwest Ontario		
Windsor-Essex		

## **Appendix B: List of LDCs for Each Region**

### **[Hydro One as Upstream Transmitter]**

<b>Region</b>	<b>LDCs</b>
1. Burlington to Nanticoke	<ul style="list-style-type: none"><li>• Brant County Power Inc.</li><li>• Brantford Power Inc.</li><li>• Burlington Hydro Inc.</li><li>• Haldimand County Hydro Inc.</li><li>• Horizon Utilities Corporation</li><li>• Hydro One Networks Inc.</li><li>• Norfolk Power Distribution Inc.</li><li>• Oakville Hydro Electricity Distribution Inc.</li></ul>
2. Greater Ottawa	<ul style="list-style-type: none"><li>• Hydro 2000 Inc.</li><li>• Hydro Hawkesbury Inc.</li><li>• Hydro One Networks Inc.</li><li>• Hydro Ottawa Limited</li><li>• Ottawa River Power Corporation</li><li>• Renfrew Hydro Inc.</li></ul>
3. GTA North	<ul style="list-style-type: none"><li>• Enersource Hydro Mississauga Inc.</li><li>• Hydro One Brampton Networks Inc.</li><li>• Hydro One Networks Inc.</li><li>• Newmarket-Tay Power Distribution Ltd.</li><li>• PowerStream Inc.</li><li>• PowerStream Inc. [Barrie]</li><li>• Toronto Hydro Electric System Limited</li><li>• Veridian Connections Inc.</li></ul>
4. GTA West	<ul style="list-style-type: none"><li>• Burlington Hydro Inc.</li><li>• Enersource Hydro Mississauga Inc.</li><li>• Halton Hills Hydro Inc.</li><li>• Hydro One Brampton Networks Inc.</li><li>• Hydro One Networks Inc.</li><li>• Milton Hydro Distribution Inc.</li><li>• Oakville Hydro Electricity Distribution Inc.</li></ul>

<p>5. Kitchener- Waterloo-Cambridge-Guelph (“KWCG”)</p>	<ul style="list-style-type: none"> <li>• Cambridge and North Dumfries Hydro Inc.</li> <li>• Centre Wellington Hydro Ltd.</li> <li>• Guelph Hydro Electric System - Rockwood Division</li> <li>• Guelph Hydro Electric Systems Inc.</li> <li>• Halton Hills Hydro Inc.</li> <li>• Hydro One Networks Inc.</li> <li>• Kitchener-Wilmot Hydro Inc.</li> <li>• Milton Hydro Distribution Inc.</li> <li>• Waterloo North Hydro Inc.</li> <li>• Wellington North Power Inc.</li> </ul>
<p>6. Metro Toronto</p>	<ul style="list-style-type: none"> <li>• Enersource Hydro Mississauga Inc.</li> <li>• Hydro One Networks Inc.</li> <li>• PowerStream Inc.</li> <li>• Toronto Hydro Electric System Limited</li> <li>• Veridian Connections Inc.</li> </ul>
<p>7. Northwest Ontario</p>	<ul style="list-style-type: none"> <li>• Atikokan Hydro Inc.</li> <li>• Chapleau Public Utilities Corporation</li> <li>• Fort Frances Power Corporation</li> <li>• Hydro One Networks Inc.</li> <li>• Kenora Hydro Electric Corporation Ltd.</li> <li>• Sioux Lookout Hydro Inc.</li> <li>• Thunder Bay Hydro Electricity Distribution Inc.</li> </ul>
<p>8. Windsor-Essex</p>	<ul style="list-style-type: none"> <li>• E.L.K. Energy Inc.</li> <li>• Entegrus Power Lines Inc. [Chatham-Kent]</li> <li>• EnWin Utilities Ltd.</li> <li>• Essex Powerlines Corporation</li> <li>• Hydro One Networks Inc.</li> </ul>
<p>9. East Lake Superior</p>	<p>N/A → This region is not within Hydro One’s territory</p>

10. GTA East	<ul style="list-style-type: none"> <li>• Hydro One Networks Inc.</li> <li>• Oshawa PUC Networks Inc.</li> <li>• Veridian Connections Inc.</li> <li>• Whitby Hydro Electric Corporation</li> </ul>
11. London area	<ul style="list-style-type: none"> <li>• Entegrus Power Lines Inc. [Middlesex]</li> <li>• Erie Thames Power Lines Corporation</li> <li>• Hydro One Networks Inc.</li> <li>• London Hydro Inc.</li> <li>• Norfolk Power Distribution Inc.</li> <li>• St. Thomas Energy Inc.</li> <li>• Tillsonburg Hydro Inc.</li> <li>• Woodstock Hydro Services Inc.</li> </ul>
12. Peterborough to Kingston	<ul style="list-style-type: none"> <li>• Eastern Ontario Power Inc.</li> <li>• Hydro One Networks Inc.</li> <li>• Kingston Hydro Corporation</li> <li>• Lakefront Utilities Inc.</li> <li>• Peterborough Distribution Inc.</li> <li>• Veridian Connections Inc.</li> </ul>
13. South Georgian Bay/Muskoka	<ul style="list-style-type: none"> <li>• Collingwood PowerStream Utility Services Corp. (COLLUS PowerStream Corp.)</li> <li>• Hydro One Networks Inc.</li> <li>• Innisfil Hydro Distribution Systems Limited</li> <li>• Lakeland Power Distribution Ltd.</li> <li>• Midland Power Utility Corporation</li> <li>• Orangeville Hydro Limited</li> <li>• Orillia Power Distribution Corporation</li> <li>• Parry Sound Power Corp.</li> <li>• Powerstream Inc. [Barrie]</li> <li>• Tay Power</li> <li>• Veridian Connections Inc.</li> <li>• Veridian-Gravenhurst Hydro Electric Inc.</li> <li>• Wasaga Distribution Inc.</li> </ul>



14. Sudbury/Algoma	<ul style="list-style-type: none"> <li>• Espanola Regional Hydro Distribution Corp.</li> <li>• Greater Sudbury Hydro Inc.</li> <li>• Hydro One Networks Inc.</li> </ul>
15. Chatham/Lambton/Sarnia	<ul style="list-style-type: none"> <li>• Bluewater Power Distribution Corporation</li> <li>• Entegrus Power Lines Inc. [Chatham-Kent]</li> <li>• Hydro One Networks Inc.</li> </ul>
16. Greater Bruce/Huron	<ul style="list-style-type: none"> <li>• Entegrus Power Lines Inc. [Middlesex]</li> <li>• Erie Thames Power Lines Corporation</li> <li>• Festival Hydro Inc.</li> <li>• Hydro One Networks Inc.</li> <li>• Wellington North Power Inc.</li> <li>• West Coast Huron Energy Inc.</li> <li>• Westario Power Inc.</li> </ul>
17. Niagara	<ul style="list-style-type: none"> <li>• Canadian Niagara Power Inc. [Port Colborne]</li> <li>• Grimsby Power Inc.</li> <li>• <b>Haldimand County Hydro Inc.*</b></li> <li>• Horizon Utilities Corporation</li> <li>• Hydro One Networks Inc.</li> <li>• Niagara Peninsula Energy Inc.</li> <li>• Niagara-On-The-Lake Hydro Inc.</li> <li>• Welland Hydro-Electric System Corp.</li> <li>• <b>Niagara West Transformation Corporation*</b></li> </ul> <p><b>*Changes to the May 17, 2013 OEB Planning Process Working Group Report</b></p>
18. North of Moosonee	N/A → This region is not within Hydro One's territory

19. North/East of Sudbury	<ul style="list-style-type: none"><li>• Greater Sudbury Hydro Inc.</li><li>• Hearst Power Distribution Company Limited</li><li>• Hydro One Networks Inc.</li><li>• North Bay Hydro Distribution Ltd.</li><li>• Northern Ontario Wires Inc.</li></ul>
20. Renfrew	<ul style="list-style-type: none"><li>• Hydro One Networks Inc.</li><li>• Ottawa River Power Corporation</li><li>• Renfrew Hydro Inc.</li></ul>
21. St. Lawrence	<ul style="list-style-type: none"><li>• Cooperative Hydro Embrun Inc.</li><li>• Hydro One Networks Inc.</li><li>• Rideau St. Lawrence Distribution Inc.</li></ul>