

**Chatham-Kent Hydro Inc. INTERROGATORY #1**

**Interrogatory**

The following questions relate to the Undertaking of D.3.2 and the final argument prepared by Hydro One Networks Inc. (“Hydro One”):

- (i) Please provide evidence that Hydro One has the right of way access and registered easements for the proposed line using the M1 feeder through the farmer’s field in Raleigh Township;
- (ii) Please provide evidence that Hydro One has written approval from the Ministry of Transportation to cross Highway 401 and Bloomfield Rd with a 27.6 kV feeder;
- (iii) Please provide a written copy of Hydro One’s policy concerning capital contributions from developers;
- (iv) Please provide information regarding the capital contribution or revenue guarantee that Hydro One would require from the Municipality of Chatham-Kent (the “Municipality”) under the following load scenarios:
  - (a) one customer per year, for five years, with a demand of 700 kW each;
  - (b) as in (a) with the addition of one customer in year one with a demand of 3,000 kW;
- (v) Please describe the equipment, i.e. type, quantity, cost and location of the equipment in relation to the industrial park, that Hydro One will construct to ensure the proposed line will meet the power quality characteristics that the Municipality requires for the prospective businesses in the Bloomfield Business Park;
- (vi) Please describe the remote fault indicating equipment that Hydro One uses on its distribution feeder lines in the Municipality;
- (vii) Please describe the type of remotely operated switches that Hydro One uses on its distribution lines; and
- (viii) Hydro One’s proposed route for the Bloomfield Business Park includes the use of the M18 feeder, which is heavily treed, please describe Hydro One’s tree trimming cycle policy.

1 **Response**

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3 (i) Networks has an unregistered easement for the existing line in its current location.  
4 This easement would have been sufficient to allow rebuilding of the line for the  
5 proposed M1 feeder and would not have posed problems in construction.

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7 (ii) Networks has an existing Highway 401 crossing and would have sought this  
8 routine approval from the Ministry of Transportation to upgrade the crossing.

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10 (iii) Network's "Conditions of Service" describes its capital contribution requirements  
11 from customers. This document is available from Networks' web site at the  
12 following URL:  
13 [http://www.hydroonenetworks.com/en/about/our\\_services/conditions\\_service/conditions\\_of\\_service\\_full.pdf](http://www.hydroonenetworks.com/en/about/our_services/conditions_service/conditions_of_service_full.pdf).

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16 (iv) (a) \$642,181.

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18 (b) \$223,095.

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20 (v) The Municipality has not documented the exact power quality characteristics  
21 required by the Bloomfield Business Park. Based on the assumption that a dual  
22 circuit supply is required with power quality performance typical of the many  
23 similar developments served by Networks, the description of the equipment to be  
24 constructed would be as described in Networks' Undertaking D.3.2.

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26 (vi) Remote fault indicating equipment are protective devices which are used to detect  
27 and interrupt faults.

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29 The protective devices that are installed in Networks' distribution system in the  
30 Kent area include, but are not limited to:

- 31  
32 a) Electro-mechanical relays  
33 b) Fuses  
34 c) Oil circuit reclosers  
35 d) Lightning arresters

36  
37 (vii) Networks uses remotely operated switches (breakers) at its transformer stations.  
38 These switches are located at the origin of each LV feeder that supplies the  
39 distribution system in the municipality.

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41 (viii) Networks' distribution rights-of-way vegetation management program is  
42 consistent with good utility practices. Networks, in developing this program, is  
43 guided by the principles of public and worker safety, customer satisfaction,

1 sustainable energy development and environmental protection. Networks'  
2 maintenance activities encourage the establishment of low maintenance, low-  
3 growing plant communities. All work is performed in accordance with applicable  
4 environmental, health and safety legislation, regulations and policies.

5  
6 Networks makes use of the latest tree trimming and brush control technologies,  
7 techniques and work methods while embracing quality line and tree care  
8 practices.

9  
10 Line clearing and brush control programs on all Joint Use Lines are carried out to  
11 meet the requirements of both parties in accordance with the standards provided  
12 in the Joint Use agreements.

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