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BY COURIER

June 29, 2012

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
Suite 2700,
2300 Yonge Street
Toronto, ON M4P 1E4

Dear Ms. Walli:

EB-2012-0082 – Hydro One Networks' Section 92 – Lambton to Longwood Transmission Upgrade Project– Hydro One Networks Responses to Interrogatory Questions

Please find attached an electronic copy of responses provided by Hydro One Networks to Interrogatory questions. Two (2) hard copies will be couriered to the Board shortly.

An electronic copy of the Interrogatory Responses, has been filed using the Board's Regulatory Electronic Submission System and the confirmation slip is also enclosed.

Sincerely,

ORIGINAL SIGNED BY ANDREW SKALSKI

Andrew Skalski

c. COTTFN (electronic only)

1 **Ontario Energy Board (Board Staff) INTERROGATORY #1 List 1**

2
3 **Interrogatory**

4
5 **Reference:**

- 6 1) Exhibit B/Tab 4/Schedule 2/Pages 1
7 2) Exhibit B/Tab 4/Schedule 2/Pages 2, Lines 9 to 18

8
9 **Preamble:**

10 In the pre-filed evidence, HONI provided a cost estimate for the project totalling
11 \$39,998,000 including \$4,081,000 for contingencies. HONI also provided a list of
12 possible risks for which HONI has estimated contingency allowances (second reference).

13
14 **Questions/Requests:**

- 15 a) Please confirm that the items listed as potential risks were used to calculate the
16 estimated contingencies costs.
17 b) One potential risk listed by HONI is: the “Use of High Temperature Low Sag
18 Conductor, which is a new type of conductor for Hydro One.”¹ Please provide
19 support for why HONI considers this to be a risk that may result in costs above those
20 accounted for in engineering, procurement, and construction costs.
21 c) Does the total contingencies cost of \$4,081,000 account for any potential risk or
22 contingency not identified in the list referred to in part a) of this interrogatory? If so,
23 please provide a list of these other contingencies.
24 d) Please provide a table of the estimated contingency cost of each potential risk listed in
25 parts a) and b) of this interrogatory and reconcile the total with the total contingencies
26 costs of \$4,081,000.
27 e) Confirm that the rate base on which HONI will be applying for rate increases will be
28 the full amount of the project including the contingencies costs.
29 f) Does HONI expect future rate increases to be sought as a result of this project to be
30 on the basis of when the project is placed in service i.e. “used and useful”?
31 g) Confirm that, if rates were granted on a basis which does not require that the project
32 be used and useful, that ratepayers would be contributing the full amount of the
33 project including the proposed contingency, even if the contingency amount is not
34 required.

35
36 **Response**

- 37
38 a) Confirmed. The following items listed as possible in-scope variances were used to
39 calculate the estimated contingency costs (as stated in the Application):
40
41 • Cancellation or delays to required power and telecommunications system outages,
42 for upgrading the lines work and commissioning activities;
43 • Construction equipment failures;

¹ Exhibit B/Tab 4/Schedule 2/Pages 2, Lines 15 to 16

- 1 • Delay relating to receipt of material at site on time;
- 2 • Use of High Temperature Low Sag Conductor, which is a new type of conductor
- 3 for Hydro One;
- 4 • Damage to the possible tile bed under RoW;
- 5 • Crop damage compensation along the access road and RoW.

6
7 The following risk items were not included in the contingencies amount:

- 8
- 9 • Delay resulting from delivery of long lead materials;
- 10 • Requirement of a betterment permit for species at risk found in the work area or
- 11 additional species at risk studies that take more than one season, thereby adding
- 12 time and cost to the project;
- 13 • Need for a temporary bypass that would trigger an environmental assessment.

14
15 b) The Lambton x Longwood project is the first major project on which a large quantity

16 of High Temperature Low Sag Conductor (70 km of double circuit line) is proposed

17 to be used by Hydro One. Hence, procurement risks in term of lead time,

18 manufacturing, and shipping and handling are to be expected.

19
20 c) No, there are no other items that have been included in the estimation of contingency

21 costs, beyond the items listed in part a) above.

22
23 d) The requested cost breakdown of the total contingency cost by line item in part a) is

24 not available. This is due to the fact that contingencies have been estimated as a

25 percentage of the Direct Costs of the project (i.e., before overhead and interest)

26 consistent with Hydro One's standard practice. Under Hydro One's methodology,

27 contingencies are included for potential normal in-scope variances of the project

28 which have been identified during the planning and estimating stage. The percentage

29 amount of contingency is determined on the basis of professional judgment, past

30 experience and history on similar projects. In the case of Lambton x Longwood, the

31 contingency amount (15% of the Direct Costs) has been added to address the in-scope

32 variances that have been listed in lines 11 to 18 in Exhibit B, Tab 4, Schedule 2 (page

33 2 of 4). This level of contingency is considered adequate to cover the identified in-

34 scope risk items.

35
36 e) Confirmed. Based on the project's scheduled in-service date of Q4 2014, the

37 budgeted cost of the project including contingencies will be (and has been) included

38 in the rate base for Hydro One's recently filed transmission rate application for the

39 test years 2013/2014 (EB-2012-0031), in accordance with the Board's forward test-

40 year ratemaking methodology.

41
42 f) Yes, future rate increases related to the project will be sought on the basis of when it

43 becomes used and useful. As the project is scheduled to come in-service in 2014 (and

1 become used and useful), the project's rate increase in 2014 is based on the project's
2 scheduled 2014 in-service date.

- 3
4 g) As noted in the response to part e), rates are set using the Board's forward test-year
5 ratemaking methodology. In order to set rates in the test year, that methodology
6 requires using budgeted project costs, including contingencies, for projects that are
7 forecast to come in-service (and hence become used and useful) in that year. For
8 Lambton to Longwood, with a scheduled in-service date of 2014, the budgeted
9 project costs including contingencies accordingly have been included in Hydro One's
10 2014 proposed rate base and revenue requirement. However, after this initial setting
11 of rates based on the project's budgeted cost, rate base will be automatically adjusted
12 at the subsequent rebasing point to reflect the project's net book value at that time
13 based on the actual costs incurred for the project when it went in-service. As a result,
14 any unspent contingencies will not be included in rates as of the first rate rebasing
15 after the initial rate-setting period.

16
17 The above method -- for new projects coming into service in the forward test year,
18 initial rates are based on budgeted costs, and thereafter future rates automatically
19 adjust for the actual costs incurred on the project -- is an inherent part of a forward
20 test-year ratemaking methodology, and would apply regardless of whether initial rates
21 are set based on the project's "used and useful" status.

1 **Ontario Energy Board (Board Staff) INTERROGATORY #2 List 1**

2
3 **Interrogatory**

4
5 **Reference:**

- 6 1) Exhibit B/Tab 4/Schedule 2/Pages 3-4

7
8 **Preamble:**

9 According to HONI the total cost of the project results in a cost of \$571,000 per km.
10 HONI also provided information on a comparable project, Burlington to Beach, which is
11 significantly shorter in length (5.8 km vs. 70 km) and had a cost of \$914,000 per km.
12 HONI stated;

13
14 The reconductoring of the proposed line from Lambton TS to Longwood
15 TS is not a typical Hydro One's 230kV reconductoring projects because of
16 the use of a high-temperature low sag conductor to achieve a summer
17 long-term emergency rating between 1700-1900A per circuit. For this
18 reason, a comparison of costs may not be directly applicable.²

19
20 HONI also indicated that the Burlington to Beach project differs from the Lambton to
21 Longwood project due to volume of technical work, materials to be used, and locations of
22 work.

23
24 **Questions/Requests:**

- 25 a) Please elaborate on the differences of technical work, materials to be used, and
26 locations of work between the Lambton to Longwood project and the Burlington to
27 Beach project.
- 28 b) Please provide a cost comparison of the major costs for the two lines on a per km
29 basis including conductors and insulators.
- 30 c) Are there other examples of 230kV reconductoring in Ontario, and if so, please
31 provide a table comparing the current proposal with the Burlington Beach and these
32 other projects including year in-service, conductor rating and conductor and insulator
33 cost per km, and a brief indication of the applicability of the comparison.
- 34 d) Please identify any other cost drivers that were not identified in part a) of this
35 interrogatory that account for the difference between the two projects.
- 36 e) For every cost driver identified in parts a) and b), please provide the accompanying
37 impact on costs. If possible, quantify the impact.
- 38 f) Please provide further details on how the use of a high-temperature low sag conductor
39 for this project impacts the costs of the project in comparison to the costs of similar
40 projects such as Burlington to Beach project. Please quantify the cost and labour
41 impact of using high-temperature low sag conductor and provide a comparison.

² Exhibit B/Tab 4/Schedule 2/Page 3, Lines 16-19

- 1 g) Please indicate locations in Ontario or elsewhere where the high temperature
2 conductor has been used. What has been the operational experience with the
3 conductor?
4

5 **Response**
6

- 7 a) The table below provides information on the differences in technical work, materials
8 to be used, and locations of work, as well as on length, outages and environmental
9 issues, between the Lambton to Longwood project and the Burlington to Beach
10 project. In addition, the directional cost impact of each driver (more or less costly on
11 a per km basis) has been provided.

Project Name	Lambton to Longwood Transmission Upgrade	Burlington to Beach B10/B20H Reconductoring Project
Technical	Double-Circuit 230kV, L24L, L26L Replace conductor 1192.5 ACSR with High Temperature Low Sag conductor to increase the ampacity of the circuit, all insulator and conductor associated hardware needs to be replaced. No structure reinforcement required Per km directional cost impact – More costly than BxB due to greater scope of work (insulators)	4-Circuit 230kV, B10, B20H, B11, B18H Replace end of life conductor 1192ACSR, all associated hardware with like for like; no insulator replacement required; no structure reinforcement required
Material	1192.5 Kcmil ACSS; Conductor Dampers, Clamps; Conductor splices, Loop assemblies; Insulators, Insulator assemblies, Rider poles Per km directional cost impact --- More costly than BxB due to greater scope of work (insulators)	1192.5 Kcmil ACSR, Conductor Dampers, Clamps; Conductor splices, Loop assemblies
Length	70km Per km directional cost impact – Less costly than BxB due to scale efficiencies	5.8km
Project location	Mostly farm land Per km directional cost impact – Less costly than BxB due to rural area	Urban area, Required permit from MTO and access road, Traffic control and Security
Outage	Single circuit outage is possible Per km directional cost impact – Less costly than BxB due to better outage access	Difficulty of providing outage for 4 circuits and several outage cancellations due to execution of BxM project
Environmental issues	Proximity to Brigden public schools, Proximity to environmentally sensitive areas (e.g. wildlife habitat) Per km directional cost impact – Less costly than BxB due to fewer environmental issues	Urban area; Dust control; Proximity to community services (schools, daycare); Proximity to environmentally sensitive area (wetland, wild life); Potential effect on recreational use and enjoyment

1 b) The comparison table below has been provided to show the requested breakdown on a
 2 dollar per km basis as well as in terms of percentage cost per km. The total costs,
 3 although also provided below for information purposes, are not comparable since the
 4 projects differ in scale in terms of scope of work and length. Please see the table
 5 included in part c) for the costs per km of conductor and insulators, and note that
 6 insulators were not installed as part of the Burlington to Beach project.
 7

Project	Lambton to Longwood Transmission Upgrade			B10/B20H Reconductoring Project		
	Total Cost	Costs/km	% of costs	Total Cost	Costs/km	% of costs
Estimate Preparation	\$ 295,650	\$ 4,224	0.7%	\$ 16,811	\$ 2,898	0.3%
Project Management	\$ 1,138,904	\$ 16,270	2.8%	\$ 79,213	\$ 13,657	1.4%
Engineering	\$ 1,350,404	\$ 19,291	3.4%	\$ 46,643	\$ 8,042	0.8%
Material	\$15,594,934	\$222,785	39.0%	\$ 896,687	\$154,601	16.0%
Construction	\$10,674,153	\$152,488	26.7%	\$3,512,706	\$605,639	62.7%
Risk& Contingency	\$ 4,081,356	\$ 58,305	10.2%	\$ -	\$ -	0.0%*
Overhead	\$ 2,724,183	\$ 38,917	6.8%	\$ 941,135	\$162,265	16.8%
Interest	\$ 4,138,759	\$ 59,125	10.3%	\$ 110,239	\$ 19,007	2.0%
Total	\$39,998,343	\$571,405	100.0%	\$5,603,434	\$966,109	100.0%

8 *Risk and contingency costs are included on a budget basis as a separate line item for Lambton to
 9 Longwood. For Burlington to Beach actual costs, these costs are included in the other line item
 10 categories.
 11
 12

13 c) There are no other comparable projects besides Burlington to Beach. Please see the
 14 table below for the requested information.
 15

Project	Longwood TS to Lambton TS (estimate)	Burlington TS to Beach TS (Actual)
Type*	Double circuits on single structures	Four circuits on single structures
Length (km)	70 km	5.8 km
In-Service Date	2014-12-31	2012-02-17
Conductor Rating	1700-1900A	1560A
Conductor Cost/km	\$80,786	\$53,812
Insulator Costs/km	\$13,849	Not Applicable
Total Cost	\$571k/km	\$966K/km

16
 17
 18 The Burlington to Beach project above is comparable to the proposed project only in
 19 the sense that the high-level type of work is the same, i.e., reconductoring the lines in

1 both cases. But in terms of material, location and potential environmental issues, the
2 two projects are not comparable. The outage requirements for these two projects are
3 also different in that the proposed project requires outages in two circuits whereas the
4 Burlington to Beach project required outages for four (4) circuits and hence
5 contributed to the higher cost for the latter. The material that has been used in the
6 earlier project (Burlington to Beach) is a conventional ACSR conductor as opposed to
7 HTLS ACSS conductor being proposed in the Lambton to Longwood project. The
8 volume of work (70km) differs significantly in the proposed project compared to the
9 Burlington to Beach project. The location of the proposed project is in a rural farm
10 land intensive area whereas the Burlington to Beach project was located in an urban
11 setting. The location also triggers different environmental assessment needs and
12 safety issues in the two projects being compared.
13

14 d) There are no other cost drivers except those mentioned in the response to part b)
15 above.

16
17 e) Please see the directional cost impacts of the drivers in the table in the response to
18 part a).
19

20 f) Use of a HTLS conductor has been proposed in this project as an engineering solution
21 to increase the ampacity of the circuits. The higher ampacity of the circuits is needed
22 to integrate 700MW of renewable generation in the area west of London. This HTLS
23 conductor solution is being proposed in order to avoid using a larger size ACSR
24 conductor, which will result in heavier structure loading. Such heavier structure
25 loading will necessitate more structure and foundation reinforcement and/or
26 replacement work. The proposed HTLS solution has avoided the reinforcement and
27 replacement of 300+ structures and foundations, which results in significant cost and
28 schedule savings. In avoiding extensive tower changes and replacements, the
29 environmental impact of the project becomes significantly reduced. The required
30 environmental approvals become less time-consuming to obtain and easier to build
31 into the schedule of the overall project, reducing project uncertainties.
32

33 g) HTLS conductors have been in use since the 1980's and their usage has become
34 increasingly common in North America in recent years due to difficulty in securing
35 new ROWs and due to transmission bottle-neck problems serving load and generation
36 growth. The Ontario power system is starting to experience such transmission bottle-
37 neck problems due to the increasing amounts of renewable generation being added to
38 the system. As a result, Hydro One expects that it will continue to explore the
39 opportunity to deploy HTLS conductors where circumstances warrant.
40

41 Hydro One is unaware of any unfavorable operational experience with HTLS
42 conductors in Ontario or elsewhere.

1 **Ontario Energy Board (Board Staff) INTERROGATORY #3 List 1**

2
3 **Interrogatory**

4
5 **Reference:**

- 6 1) Schematic Diagram of Proposed facilities, Exhibit B/Tab 2/Schedule 3

7
8 **Preamble:**

9 The section to be upgraded extends from Lambton to Macksville Junction and the line
10 then continues on to Longwood, without any branches, with a section that does not
11 require upgrading.

12
13 **Questions/Requests:**

- 14 a) Please confirm that the rating of the section Macksville Junction to Longwood is
15 adequately rated to the same capacity as the upgrade portion.
16 b) What is the size and specification of the L24/L26 conductors on the Macksville to
17 Longwood section?
18 c) Why can the same conductoring not be applied to the section from Lambton to
19 Macksville Junction as already exists on the section Macksville Junction to
20 Longwood?
21 d) If there is no reason why the same conductoring cannot be used, please indicate what
22 would be the implications and the cost of using the same conductoring over the entire
23 line as is used on the Macksville Longwood portion, compared with the high
24 temperature conductor.
25 e) What would be the best alternative project if the high temperature conductor were not
26 used or not available? Please describe that alternative and the cost.

27
28 **Response**

- 29
30 a) The 70 km Lambton TS to Macksville Junction section of each of the two circuits,
31 L24L and L26L, is to be upgraded to achieve a summer long-term emergency rating
32 of between 1700A and 1900A. The Macksville Junction to Longwood TS section of
33 each of the two circuits has a summer long-term emergency rating of 1800A. Hence
34 this section of the line is adequately rated for the upgrade section.
35
36 b) Each of the two circuits of the Macksville Junction to Longwood TS section of the
37 line is strung with 1843.2 kcmil (72/7 stranding) ACSR conductor.
38
39 c) In principle, the Lambton TS to Macksville Junction section of the line could be
40 upgraded with the same conductor as exists on the Macksville Junction to Longwood
41 TS section.
42
43 d) The Lambton TS to Macksville Junction section of L24L/L26L was put in-service in
44 1970 as part of an old line between Lambton TS and Buchanan TS. The Longwood

1 TS to Macksville Junction section of L24L/L26L was put in-service in 1990 with the
2 establishment of Longwood TS, and strung with the heavier 1843.2 kcmil (72/7)
3 ACSR conductor. To use this heavier conductor on the upgrade section would
4 require the replacement or reinforcement of some towers and the reinforcement of
5 those that are not replaced. Most likely more than 25 towers would have to be
6 replaced triggering a change from a Class EA to an individual project EA. This
7 would result in the cost of the project being substantially increased, and the project's
8 development and construction period increased by two or more years.

9
10 e) In the absence of the high temperature conductor the best alternative to achieve the
11 rating upgrade requested by the Ontario Power Authority would be to re-conductor the
12 line section with the heavier 1843.2 kcmil (72/7 stranding) ACSR conductor as
13 currently exists on the Macksville Junction to Longwood TS section. The cost of
14 such a project would be substantially well over the \$40M cost of the high temperature
15 conductor project, and involve the following:

- 16
17 1) Replace or reinforce many of the 333 towers and their foundations;
18 2) Build a bypass line, as required, to enable tower replacement work;
19 3) Obtain additional property, as required for the bypass line;
20 4) Replace all existing insulators and hardware;
21 5) Complete an individual Environmental Assessment, if more than 25 towers are to
22 be replaced;
23 6) Restring the section with 1843.2 kcmil (72/7) ACSR conductor.

1 **Ontario Energy Board (Board Staff) INTERROGATORY #4 List 1**

2
3 **Interrogatory**

4
5 **Reference:**

- 6 1) Exhibit B/Tab 1/Schedule 5/Section 3.2/page 17, line 4
7 2) Exhibit B/Tab 4/Schedule 2/Pages 3-4

8
9 **Preamble:**

10 Board staff wishes to further examine the cost of the line upgrade and the alternatives that
11 were considered after it was decided to increase capacity in the FETL interface and prior
12 to deciding that the reinforcement of the capability on the L24/L26 line west of London
13 was the best option. Reference 1 is in a document entitled “Ontario Power Authority’s
14 Evidence” and in it the OPA indicates that Hydro One advised the OPA of the
15 alternatives:

16
17 **Questions/Requests:**

- 18 a) Please indicate why the alternative Upgrading of the Scott-Buchanan circuits is more
19 challenging and costly and by how much.
20 b) Please indicate what would be the estimated cost of the new transmission line
21 mentioned if time to get it in service were not a concern.

22
23
24 **Response (provided by the OPA)**

- 25
26 a) As stated on page 17 of Exhibit B, Tab1, Schedule 5, Section 3.2, an upgrade of the
27 Scott-Buchanan circuits was not considered as an alternative to the Lambton-
28 Longwood upgrade project. This is because the Flow East Toward London (FETL)
29 interface is limited by Lambton-Longwood circuit limitations first, and then by Scott-
30 Buchanan circuit limitations second. Therefore, an upgrade to the Scott-Buchanan
31 circuits would not result in required improvements in FETL capability, as the FETL
32 interface would continue to be limited by Lambton-Longwood circuit limitations.
33 Furthermore, an upgrade of the Scott-Buchanan circuits would ultimately prove to be
34 more challenging and costly than the Lambton-Longwood project due to the
35 replacement of most of the 297 towers and associated risk of individual
36 Environmental Assessment work, the building of a bypass line and the associated
37 acquisition of property. Because the Scott-Buchanan upgrade was not considered to
38 be a viable alternative, a cost estimate was not developed.
39
40 b) A preliminary estimate for the cost of a new transmission line is \$300-\$450 million.

1 **Ontario Energy Board (Board Staff) INTERROGATORY #5 List 1**

2
3 **Interrogatory**

4
5 **Reference:**

- 6 1) Exhibit B/Tab 4/Schedule 3
7 2) Exhibit B/Tab 4/Schedule 2/Page 1

8
9 **Preamble:**

10 In its pre-filed evidence, HONI included a DCF analysis which resulted in a NPV of
11 negative \$41.9M. The assumptions of the analysis included, among others, zero
12 incremental load and revenues, a 25 year evaluation period, \$38.9M upfront capital,
13 annual OM&A costs of \$0.8M and a tariff of \$3.57/kW/month.

14
15 HONI indicated that the zero incremental load and revenue assumptions reflect the fact
16 that the provincial network pool peak load is forecast to remain essentially flat or decline
17 over the 25-year evaluation period.

18
19 **Questions/Requests:**

- 20 a) Please provide any load forecasts, reports, studies, or other evidence that supports
21 HONI's assumption of zero incremental load and revenue.
22 b) Please elaborate on why HONI has chosen an evaluation period of 25 years for the
23 DCF analysis? Does HONI estimate that the useful life of the upgraded assets (new
24 conductors and accompanying infrastructure) to be 25 years?
25 c) 'Table 1 - DCF Analysis' assumes total upfront capital of \$38.9M while estimated
26 project costs in Exhibit B/Tab 4/Schedule 2 are stated as \$39.998M. Please reconcile
27 these estimates.
28 d) 'Table 1 - DCF Analysis' assumes annual incremental OM&A costs of \$0.8M while
29 'Table 3 - DCF Assumptions' indicates estimated annual OM&A are 1.60% of up-
30 front capital expenditures. Board staff has calculated the estimated incremental
31 OM&A to be \$0.6M (=38.9 x 1.60%). Please comment on whether HONI agrees with
32 Board staff's calculation of estimated OM&A.
33 e) Please provide support for the estimated OM&A of 0.8M per year.
34 f) HONI has assumed a Network Service Rate tariff of \$3.57/kW/month in the DCF
35 analysis while it has estimated an increase in the Network Service Rate to
36 \$3.58/kW/month due to this project. Why is HONI opting to use the current approved
37 Network Service Rate of \$3.57 instead of the forecasted rate of \$3.58 in its DCF
38 analysis?

1 **Response**

2
3 a) Please see the Long-Term Energy Plan (LTEP), pages 13 and 14, for a discussion of
4 Ontario's long-term electricity demand forecast. In particular, the LTEP notes the
5 following:

6
7 "Electricity demand in Ontario has declined since reaching a peak in
8 2005. For the next 10 years, demand is expected to recover from the
9 recent recession and then stay relatively flat as conservation efforts
10 and an evolving economy change Ontario's energy needs." [p. 13,
11 emphasis added].

12
13 "Based on the medium growth scenario, Ontario's demand will grow
14 moderately (15 per cent) between 2010 and 2030, based on the
15 projected increase in population and conservation as well as shifts in
16 industrial and commercial needs. As a result, for planning purposes,
17 the system should be prepared to provide 146 TWh of generation in
18 2015 rising to 165 TWh in 2030." [p. 14]

19
20 For the purposes of the DCF analysis of the Lambton to Longwood project, Hydro
21 One took a conservative approach by assuming a constant flat demand forecast over
22 the 25 year study period. This results in showing the maximum rate impact that the
23 cost of the upgraded line could have over time. To the extent that demand growth
24 does occur on the grid, the rate impact would be somewhat lower than has been
25 shown in Hydro One's rate impact analysis.

26
27 It should also be noted that attempting to attribute a specific load forecast to a
28 Network line like Lambton to Longwood, which is part of the integrated grid and
29 used to move bulk power across the province, would be a difficult forecasting
30 exercise that would require detailed load flow forecasts for that line and the other
31 lines forming the integrated grid. Such forecasting is not typically done and in Hydro
32 One's view the additional information that such an analysis would provide in terms of
33 line-specific potential rate impacts would not warrant the incremental cost and effort
34 required to prepare it.

35
36 b) A 25 year evaluation period was determined to sufficiently illustrate the project
37 economics. Extending the evaluation period to capture ongoing costs beyond 25
38 years would have a *de minimis* impact on the DCF analysis results. For comparison,
39 Section 6.5.2 (b) of the *Transmission System Code* requires up to a 25 year economic
40 evaluation for evaluating new load connections. The useful life of the upgraded assets
41 is estimated to be in excess of 50 years.

42
43 c) The estimated project costs of \$39.998M including \$1.1M of removal costs are
44 included in the Table 1 DCF Analysis. Removal costs are not capitalized and are

1 reflected in Table 1 as in-service date OM&A cost while the remaining project costs
2 are included as total upfront capital expenditures.

3

4	In service date OM&A costs	\$ 1.1M
5	Total upfront capital expenditures	<u>\$ 38.9M</u>
6		<u>\$ 40.0M</u>

7

- 8 d) The \$0.8M annual ongoing OM&A costs assumed in Table 1 are comprised of \$0.6M
9 of estimated incremental OM&A plus estimated municipal tax.

10

11	Incremental OM&A (1.60% of upfront capital expenditures)	\$ 0.6M
12	Municipal tax (0.53% of upfront capital expenditures)	<u>\$ 0.2M</u>
13		<u>\$ 0.8M</u>

14

- 15 e) Please see the response to part (d).

16
17 In the DCF analysis, both incremental OM&A and municipal tax are estimated based
18 on system averages.

19
20 The 0.53% system average municipal tax rate is calculated based on the 2012 forecast
21 of property tax, indemnity and rights payments in EB-2010-0002, Exhibit C1, Tab 2,
22 Schedule 13 over transmission system capital. The system average municipal tax rate
23 is then applied to the project upfront capital expenditures.

24
25 The 1.60% incremental OM&A rate is the estimated incremental system average cost
26 to operate, maintain and administer new line facilities. The rate excludes municipal
27 taxes accounted for separately and interest expense, which is accounted for in the
28 DCF analysis discount rate. Hydro One's DCF model applies the incremental system
29 average OM&A rate, rather than attempting to derive a project-specific estimate of
30 incremental OM&A, for reasons of simplicity and uniformity.

31
32 Included within the 1.60% incremental OM&A are estimated incremental
33 expenditures associated with safely operating and maintaining new line facilities
34 following their in-service. This includes preventive maintenance (inspections,
35 patrols, diagnostics, anticipated replacement of wear components, etc.), corrective
36 maintenance (defect correction found through inspections, forced outages, etc.), and
37 refurbishment activities as required which cannot be capitalized.

- 38
39 f) The current approved Network Service Rate of \$3.57 provides a solid, well-founded
40 assumption, while assuming a forecast value would prejudice Board rate decisions.
41 Additionally, it is standard practice in DCF and rate impact analysis for the analysis
42 to be done using existing parameters (e.g., rates). To do otherwise would introduce
43 an element of circularity into the analysis – e.g., if a project is calculated to cause an

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Exhibit I

Tab 1

Schedule 5

Page 4 of 4

1 x% increase in rates, using existing rates + x% in the analysis would require the result
2 to be known and used as an input in the analysis itself.

3

4 In any event, with no incremental load attributable to the project, the Network Service
5 Rate tariff assumption has no impact on the DCF analysis, as there is no incremental
6 revenue to offset the costs in the DCF result.

1 **Ontario Energy Board (Board Staff) INTERROGATORY #6 List 1**

2
3 **Interrogatory**

4
5 **Reference:**

6 1) Exhibit B/Tab 6/Schedule 1/Page 2/Lines 1 to 23

7
8 **Preamble:**

9 HONI indicated that the Lambton to Longwood project was screened out under the *Class*
10 *Environmental Assessment for Minor Transmission Facilities* by the Ontario Ministry of
11 Environment (“MOE”). According to HONI a screen out letter was filed with the MOE
12 on March 9, 2012.

13
14 **Questions/Requests:**

15 a) Please provide a copy of the screen out letter filed with the MOE.

16
17 **Response**

18
19 Please see Attachment 1 to this exhibit.



Hydro One Networks Inc.
483 Bay Street
TCT4, South Tower
Toronto, Ontario, M5G 2P5
www.HydroOneNetworks.com

Tel: (416)-345-6597
Fax: (416)-345-6919
Cell: (416)-525-1051

Brian McCormick
Manager, Environmental Services and Approvals

March 09, 2012

Ms. Agatha Garcia-Wright, Director
Environmental Assessment and Approvals Branch
Ministry of the Environment
2 St. Clair Avenue West
Toronto, Ontario, M4V 1L5

Re: Lambton to Longwood Transmission Upgrade Class Environmental Assessment Screen-Out.

Dear Ms. Garcia-Wright:

Please be advised that Hydro One has completed a Class Environmental Assessment Screening for an upgrade of approximately 70 kilometers of the existing two-circuit 230 kilovolt (kV) transmission line in southwestern Ontario. The line extends from Lambton Transformer Station (TS) in the Township of St. Clair to Longwood TS in the Township of Strathroy-Caradoc, as shown on the attached map. The screening was done in accordance with the process described in Ontario Hydro's "Class Environmental Assessment for Minor Transmission Facilities."

This project will involve replacing the conductor (wire) on the existing Lambton TS to Longwood TS L24L/L26L circuits with higher capacity conductor, and replacing associated insulators and hardware. Most work will be conducted on the existing right-of-way, although temporary off corridor access may be required. There will be no noticeable difference in the appearance of the transmission line after the project has been completed. Since the undertaking was assessed through the screening process as having insignificant environmental effects and there was no expressed opposition, Hydro One intends to proceed with the project. Construction is scheduled to begin during the spring of 2013 and be completed by the end of 2014. All activities will follow Hydro One's "Environmental Guidelines for Construction and Maintenance of Transmission Facilities."

If you have any questions or concerns regarding this project, please contact me at 416-345-6597 or Patty Staite at 416- 345-6686

Sincerely,

A handwritten signature in blue ink, appearing to be "Brian J. McCormick", written over a blue circular stamp or seal.

Brian J. McCormick
Manager, Environmental Services and Approvals

cc: Ian Kerr, Technical Support Section, MOE

1 **Ontario Energy Board (Board Staff) INTERROGATORY #7 List 1**

2
3 **Interrogatory**

4
5 **Reference:**

- 6 1) Exhibit B/Tab 6/Schedule 6

7
8 **Preamble:**

9 HONI indicated that no new permanent rights will be required to accommodate this
10 project as HONI enjoys existing statutory easement rights on provincially owned land
11 and permanent rights on private property land on the Lambton to Longwood corridor.
12 However, HONI expressed that it would require temporary rights for construction
13 purposes.

14
15 **Questions/Requests:**

- 16 a) Please provide an updated list of outstanding permits, licences and approvals needed
17 to complete the construction of the Lambton to Longwood project.
18 b) Are there any other outstanding landowner issues/concerns that need to be addressed?
19 If so, what is the status of these issues, what are HONI's plans for resolution and what
20 is the expected timing for resolution?

21
22 **Response**

- 23
24 a) The outstanding permits, licences and approvals needed to complete the construction
25 of the Lambton to Longwood project will be secured when the project has been
26 approved. A preliminary list has been compiled and is filed as Attachment 1 to this
27 exhibit.

28
29 In addition to the forms of agreement filed in Exhibit B, Tab 6, Attachments 2, 3, and
30 4, Rail Occupancy Permits and Contractor Permits with the railway companies will
31 be required. For existing pipeline crossings on the corridor, a Hydro One
32 representative will work with the pipeline companies as required to address any
33 issues.

34
35 All municipalities have been notified of the project. To date, Hydro One has not been
36 requested to apply for road permits by any of the affected municipalities.

- 37
38 b) Landowner issues were identified during the public consultation process and
39 summarized in Exhibit B, Tab 6, Schedule 4. More recently, Hydro One Real Estate
40 representatives met with affected landowners between March 29 and May 14, 2012,
41 and also distributed a Community Notice filed as Attachment 2 to this exhibit. No
42 new issues were identified during these meetings.

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Exhibit I

Tab 1

Schedule 7

Page 2 of 2

1 As is Hydro One's practice, its staff will work with landowners throughout the course
2 of the project to resolve existing issues, and any new ones that may arise. The
3 specific approach to issue resolution was also outlined in Exhibit B, Tab 6, Schedule
4 4 and communicated during the recent landowner meetings.

Hydro One Networks Inc.
 Lambton x Longwood EB-2012-0082
 Preliminary List of Permit Requirements

Filed: June 29, 2012
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 Exhibit I-1-7
 Attachment 1
 Page 1 of 1

	Required
Municipal Approvals/Permits	
ENTRANCE PERMITS	
TOWNSHIP OF ST. CLAIR (4)	Yes
TOWNSHIP OF ENNISKILLEN (4)	Yes
MUNICIPALITY OF BROOKE-ALVINSTON (3)	Yes
TOWNSHIP OF ADELAIDE METCALFE (1)	Yes
MUNICIPALITY OF SOUTHWEST MIDDLESEX (2)	Yes
Endangered Species Act	
NO PERMITS REQUIRED	
Conservation Authority	
ST. CLAIR CONSERVATION AUTHORITY	Possibly 3 culvert replacements requiring permits
Archaeological Survey	
Archaeological Survey 75% complete, clearance letter required	Yes
Other Crossings Approvals/ Permits	
MTO	
a) encroachment permit	no
b) land use permit	no
Railway crossing permits	Possibly 2
Pipeline Crossing	investigation not complete
Navigable Water Crossings	No

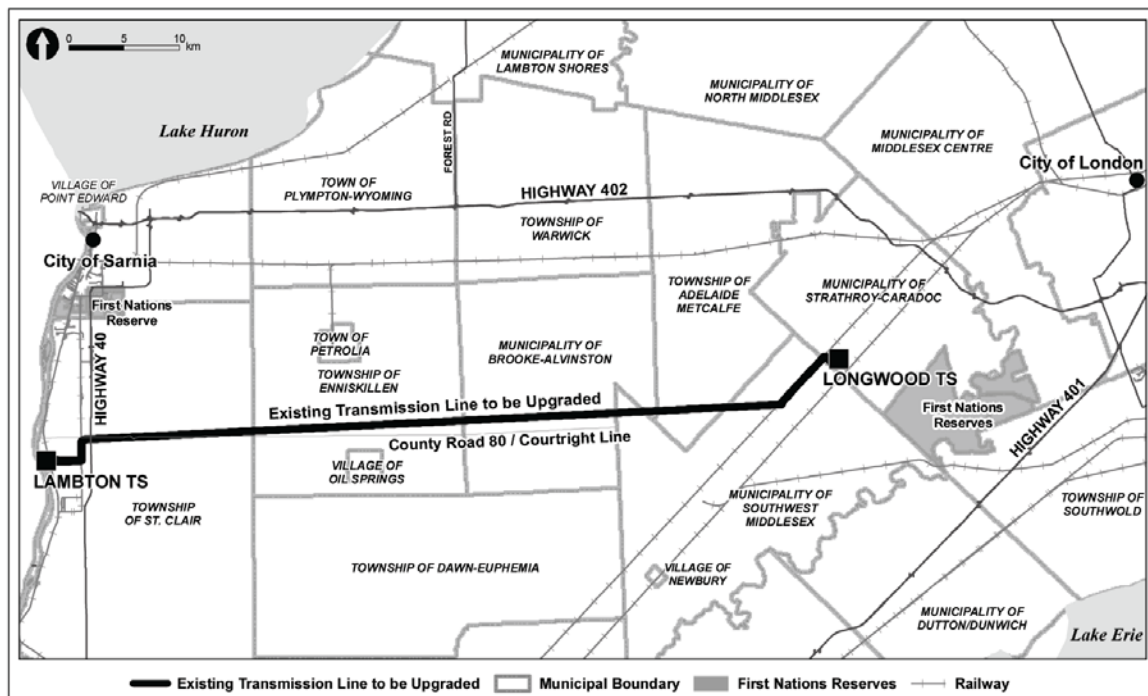


March 28, 2012

COMMUNITY NOTICE

Lambton x Longwood Transmission Upgrade and Tower Footing Repair

This Notice is to inform you that Hydro One Networks Inc. (Hydro One) has submitted an application to the Ontario Energy Board (OEB) to upgrade the existing double circuit 230 kilovolt transmission line, as shown on the map below. The line connects the Lambton Transformer Station (TS) in the Township of St. Clair and the Longwood TS in the Municipality of Strathroy-Caradoc.



This proposed upgrade is required to increase the capacity of the transmission system west of London to carry additional power from renewable, gas and other generation sources. The work will involve replacing the existing conductor (wire)

and insulators on the existing towers, as well as modifications to some existing towers. Hydro One expects to begin construction on this project in the spring of 2013.

As part of our regular maintenance program and prior to undertaking the insulator and conductor replacement, Hydro One plans to repair selected tower foundations along the corridor starting in this June. This work will ensure the long-term structural integrity of the towers. This will be preceded in April 2012 by archaeological assessment work, including a foot patrol survey and ploughing of select areas. All work activities will take place on weekdays, Monday to Friday, and between the hours of 7a.m. and 7p.m.

Agricultural Use of the Transmission Corridor

By way of this Notice, Hydro One is also advising property owners to refrain from using the transmission corridor lands for any agricultural activities effective immediately. This will enable our crews to carry out their work activities in a safe and efficient manner. If you currently are a license agreement holder with either Infrastructure Ontario or Hydro One, you will also be receiving a letter providing formal notification that your license will be terminated until the project is completed in 2014.

While Hydro One's practice is to not pay compensation for crop loss during the required maintenance and construction period, certain claims brought forward for the 2012 growing season may be considered on a case by case basis. No compensation will be paid in 2013. Upon completion of the proposed transmission line upgrade project and construction activities, agricultural uses may resume once a new licence agreement has been signed.

Hydro One is committed to minimizing disruption to property owners and would like to thank you for your patience as we undertake this important work. If you have any questions regarding land matters, please contact Danny White at 519-643-6674 or by e-mail at Dan.White@HydroOne.com. For other questions about the project, please contact me at 1-877-345-6799, or by email at Community.Relations@HydroOne.com

Carrie-Lynn Ognibene
Community Relations
Hydro One Networks Inc.

1 **Chippewas of the Thames First Nation (COTTFN) INTERROGATORY #1 List 1**

2
3 **Interrogatory**

4
5 **Reference:**

- 6
7 (a) Exhibit A, Tab 1, Schedule 1, Page 2 of 5
8 (b) Exhibit A, Tab 1, Schedule 1, Page 3 of 5
9 (c) Exhibit B, Tab 4, Schedule 2, Page 4 of 4
10 (d) April 5, 2012 letter from the Honourable Chris Bentley, Minister of Energy to Mr.
11 Colin Anderson, CEO, OPA RE: Feed-In Tariff Program Review, p. 1
12

13 **Preamble:**

- 14
15 • Reference (a) describes the proposed Project as including:
16 a) upgrade approximately 70 km of existing 230 kV double circuit transmission line
17 between Lambton TS and Macksville Junction with a new higher capacity
18 conductor; and
19 b) replace existing insulators and associated hardware
20 • Reference (b) provides that the total cost of the project is \$40 million.
21 • Reference (c) provides that the estimated cost of the proposed Project is \$571,000 /
22 km whereas the actual cost of the Burlington TS to Beach TS Project was \$914,000 /
23 km.
24 • Reference (d) provides that the Ontario government is committed to "Reserving a
25 minimum of 10 per cent of remaining capacity for projects with significant
26 participation from local or Aboriginal communities."
27

28 **Questions/Requests:**

- 29
30 1. How is the proposed Project related to Hydro One's transmission lines located on
31 COTTFN's reserve?
32
33 2. Will electricity transmitted on the transmission line between Lambton TS and
34 Longwood TS be subsequently transmitted on Hydro One's transmission lines located
35 on COTTFN's reserve?
36
37 3. To the extent that the proposed Project and the transmission lines on COTTFN's
38 reserve are related:
39 (a) Does Hydro One have a valid lease for the transmission lines on COTTFN's
40 reserve?
41 (b) If Hydro One does not have a valid lease, will Hydro One negotiate a new lease
42 with COTTFN for the transmission lines on its reserve before it carries out the
43 proposed Project?

- 1 (c) What is Hydro One's cost estimate for negotiating a new lease with COTTFN for
2 the transmission lines on its reserve?
3 (d) Do the costs of the proposed Project include the cost of negotiating the new lease
4 and any other leases that Hydro One may be required to negotiate for the
5 proposed Project?
6
7 4. Are upgrades required to Hydro One's transmission lines located on COTTFN's
8 reserve to enable connection of additional renewable energy generation to the
9 transmission grid?
10
11 5. If upgrades are required, why are they not part of the proposed Project?
12
13 6. If upgrades are required, when will they be made?
14
15 7. Does the cost of the proposed Project include the cost of reserving a minimum of 10
16 percent of remaining capacity for renewable energy projects with significant
17 participation from local or Aboriginal communities?
18
19 8. Does the cost of the proposed Project include connecting these renewable energy
20 project to the transmission grid?
21

22 **Response**
23

- 24 1. The proposed project is not related to the transmission line located on the Chippewas
25 of the Thames First Nation Reserve. The proposed project is the reconductoring of a
26 section of the Lambton TS to Longwood TS line, L24L and L26L, located west of the
27 Reserve. A portion of a different transmission line, the Longwood TS to Buchanan
28 TS double-circuit line, W42L and W43L, is located on the Reserve. This line and the
29 line to be reconductored are connected electrically at Longwood TS.
30
31 2. The Lambton to Longwood line, and the line that runs through the Reserve, are both
32 part of an interconnected power system that operates in a grid fashion. As such, any
33 change in power flow through one line, will impact the power flow on other
34 interconnected lines.
35
36 3.
37 a) Not applicable. As noted in the response to question # 1 above, the Project is not
38 related to the existing circuits, W42L and W43L, which cross the Reserve. As
39 such, the Project does not require a permit to occupy the Reserve.
40
41 b) Not applicable. Hydro One representatives have initiated and will continue
42 discussions with the Chippewas of the Thames First Nation for a required new
43 MOU and subsequent Section 28(2) Permits (the "Agreements") for the lines on

- 1 the COTTFN reserve. These Agreements and their timing are not related to the
2 Project.
3
- 4 c) The cost of negotiating new Section 28(2) Permits for the 230 kV transmission
5 line is not related to this Project. An updated annual land rental payment for the
6 230 kV transmission line occupation will be determined based on a new appraisal
7 report establishing fair market value.
8
- 9 d) The Project is not related to the existing transmission lines found within the
10 Reserve. The Project does not require new Section 28(2) permits and therefore
11 the costs of doing so are not included.
12
- 13 4. No upgrades are currently required on the Longwood TS to Buchanan TS double-
14 circuit line, W42L/W43L, located on the COTTFN reserve, to enable connection of
15 additional renewable energy generation to the transmission grid.
16
- 17 5. Not Applicable.
18
- 19 6. Not Applicable.
20
- 21 7. The cost of the proposed Project does not include the cost of reserving any remaining
22 capacity for renewable energy projects. Please see Exhibit I, Tab 2, Schedule 2,
23 Question 3 for further information from the OPA on allocation of transmission
24 capacity.
25
- 26 8. No. The costs for connecting any renewable energy projects would need to be
27 determined through a separate connection assessment process and would be subject
28 to a separate approval process.

1 **Chippewas of the Thames First Nation (COTTFN) INTERROGATORY #2 List 1**

2
3 **Interrogatory**

4
5 **Reference:**

- 6
7 (a) April 5, 2012 letter from the Honourable Chris Bentley, Minister of Energy to Mr.
8 Colin Andersen, CEO, OPA RE: Feed-In Tariff Program Review, p. 1
9 (b) Exhibit A, Tab 1, Schedule 1, Page 1 of 5
10 (c) Exhibit B-1-4, Attachment 3, Page 2
11 (d) Exhibit B, Tab 1, Schedule 5, Lambton to Longwood Transmission Upgrade, OPA,
12 March 2012, pp. 17-18
13 (e) Exhibit A, Tab 3, Schedule 1, Page 4 of 4
14

15 **Preamble:**

- 16
17 • Reference (a) provides that the Ontario government is committed to "Reserving a
18 minimum of 10 per cent of remaining capacity for projects with significant
19 participation from local or Aboriginal communities."
20 • Reference (a) provides that "In offering contracts for small and large FIT projects, the
21 OPA shall allocate of the available capacity:
22 i. a minimum of 100 MW for projects with greater than or equal to 50 per cent
23 community and Aboriginal equity participation ... "
24 • Hydro One states in Reference (b) that the upgrades are required to:
25 a) "increase transfer capability and enable the connection of additional renewable
26 generation to the transmission grid to contribute to meeting the Long Term
27 Energy Plan's target of 10,700 MW of installed nonhydroelectric renewable
28 capacity by 2018;"
29 • In Reference (c), the OPA states that "The upgrade project will enable the connection
30 of approximately 300-500 MW of additional renewable generation in the west of
31 London area ... "
32 • In Reference (d), the OPA states that "The Lambton to Longwood transmission
33 upgrade project will enable about 500 MW of renewable generation based on the 5%
34 congestion threshold; this is in addition to the 300 MW of renewable energy
35 generation which can be accommodated on the existing system West of London."
36 • Reference (e) provides that the proposed Project is in the public interest for several
37 reasons, including that "The existing capability of the transmission system west of
38 London is not sufficient to transmit the additional renewable generation that is
39 forecast in the future".
40

41 **Questions/Requests:**

- 42
43 1. Will the remaining 300 MW of transmission capacity be exclusively allocated to
44 renewable energy generation projects located in the area west of London?

- 1 2. If not, what percent of the remaining 300 MW of transmission capacity will be
2 allocated to renewable energy generation projects located in the area west of London?
3
- 4 3. Will a minimum of 10 percent of the remaining 300 MW of transmission capacity be
5 allocated to renewable energy projects with significant participation from local or
6 Aboriginal communities?
7
- 8 4. Will all of the additional capacity of 500 MW created by the proposed Project be
9 exclusively allocated to renewable energy generation projects in the area west of
10 London?
11
- 12 5. If not, what percent of the additional 500 MW of capacity will be allocated to
13 renewable energy generation projects in the area west of London?
14
- 15 6. Will a minimum of 10 percent of the additional 500 MW of capacity be allocated to
16 renewable energy projects with significant participation from local or Aboriginal
17 communities?
18
- 19 7. What steps will be taken to promote participation of Aboriginal communities whose
20 traditional territories are crossed by the proposed Project in renewable energy
21 generation projects in the area west of London?
22
- 23 8. Has the proposed Project been designed to ensure that COTTFN will be able to
24 connect its proposed 10 MW solar power project or any other renewable energy
25 project developed on COTTFN' s reserve to the transmission grid?
26
- 27 9. If not, what modifications are required to enable COTTFN to connect a renewable
28 energy project on its reserve to the transmission grid?
29
- 30 10. How much will the modifications cost?
31
- 32 11. Is it possible to include the required modifications in the scope of the proposed
33 Project?
34

35 *Response (provided by the OPA)*
36

- 37 1. West of London area transmission capability, whether existing or newly created by
38 the proposed Project, will enable generation projects with connection points located
39 in the West of London transmission area. While increased capacity is intended to
40 enable new renewable generation projects with connection points located in the West
41 of London transmission area, other generation projects could use this capacity if
42 required.
43

1 2. The OPA is unable to identify a percentage of existing or newly created transmission
2 capacity that will be allocated to renewable generation projects with connection
3 points in West of London transmission area.
4

5 3. The April 5, 2012 Directive sent to the Ontario Power Authority by the Minister of
6 Energy states that the government is committed to the timely implementation of all
7 the recommendations outlined in *Ontario's Feed-in Tariff Program, Two-Year*
8 *Review Report* including reserving a minimum of 10 per cent of remaining capacity
9 for projects with significant participation from local or Aboriginal communities. The
10 Directive also states that in offering contracts for small and large Feed-In-Tariff
11 ("FIT") projects, the OPA will allocate a minimum of 100 MW of the available
12 capacity to projects with greater than or equal to 50 per cent community or Aboriginal
13 equity participation throughout the province.
14

15 The obligations outlined in the Directive are stated at the Provincial level, rather than
16 at an area level or specific project level. Therefore, at this time, the OPA is unable to
17 identify the specific percentage of existing or newly created transmission capacity
18 enabled through the proposed Project that will be allocated to renewable generation
19 projects with significant participation from local or Aboriginal communities.
20

21 4. Please refer to the response to question #1 above.
22

23 5. Please refer to the response to question #2 above.
24

25 6. Please refer to the response to question #3 above.
26

27 7. In accordance with the April 5, 2012 Directive sent to the Ontario Power Authority
28 by the Minister of Energy, the OPA shall amend the FIT program rules to encourage,
29 among others, Aboriginal participation in the program by prioritizing applications
30 through a points system. The OPA will also allocate a minimum of 100 MW of the
31 available capacity to projects with greater than or equal to 50 per cent community or
32 Aboriginal equity participation throughout the province when offering contracts for
33 small and large FIT projects. Additionally, in order to ensure continued Aboriginal
34 participation in the electricity sector, the OPA will amend the Aboriginal Energy
35 Partnerships Program to align with the goal of prioritizing Aboriginal participation in
36 the FIT program, and to expand eligibility to include projects developed pursuant to
37 the Green Energy Investment Agreement. The OPA will amend the Aboriginal
38 Renewable Energy Fund to focus on supporting projects in the design, development
39 and regulatory approvals phases.
40

41 These measures, which are available to Aboriginal projects across the province, are
42 also available to Aboriginal projects whose traditional territories are crossed by the
43 proposed upgrade project.

1 8. The proposed transmission upgrade has been designed to provide additional area level
2 capability in order to enable generation projects with connection points located in the
3 West of London transmission area. The west of London transmission area is defined
4 electrically, based on the connectivity of the system. Although a project may be
5 located in the area west of London from a geographical standpoint, it may have a
6 connection point that is located outside the West of London transmission area from an
7 electrical standpoint.

8
9 If projects proposed by COTTFN have connection points located within the West of
10 London transmission area, then these proposed projects may be able to take
11 advantage of improved area capability. These projects would require that sufficient
12 connection capability be available at all levels of the system in order to pass the
13 OPA's connection screening process. In addition, contracting for these projects
14 would follow the relevant rules and allocation procedures.

15
16 If projects proposed by COTTFN have connection points located outside of the West
17 of London transmission area, then these proposed projects would not take advantage
18 of improved area capability in the West of London transmission area. However, these
19 projects would instead use the transmission capability of the area where their
20 connection points are located. Again, these projects would require that sufficient
21 connection capability be available at all levels of the system in order to pass the
22 OPA's connection screening process. In addition, contracting for these projects would
23 follow the relevant rules and allocation procedures.

24
25 9. For a contracted renewable generation project based on the proposed FIT 2.0 rules,
26 any modifications that might be required to connect the project would need to be
27 determined through the connection assessment process.

28
29 10. The cost of any modifications would need to be determined through the connection
30 assessment process.

31
32 11. It would not be appropriate to include modifications for any specific renewable
33 generation project in the scope of this area level transmission upgrade project.

1 **Chippewas of the Thames First Nation (COTTFN) INTERROGATORY #3 List 1**

2
3 **Interrogatory**

4
5 **Reference:**

- 6
7 (a) Exhibit A, Tab 1, Schedule 1, Page 3 of 5
8 (b) Exhibit A, Tab 3, Schedule 1, Page 2 of 4
9 (c) Exhibit B, Tab 4, Schedule 2, Page 2 of 4
10 (d) Exhibit B, Tab 6, Schedule 1, Page 2 of 4
11 (e) Exhibit B, Tab 6, Schedule 1, Page 3 of 4
12 (f) Exhibit B-6-5, Attachment 1, Page 1 of 2
13 (g) Exhibit B-6-5, Attachment 2, Page 1 of 2

14
15 **Preamble:**

- 16
17 • Reference (a) provides that the Project is "expected to have no significant
18 environmental impacts, and it has accordingly been screened out under the *Class*
19 *Environmental Assessment for Minor Transmission Facilities ("Class EA")* approved
20 by the Ministry of Environment ("MOE")."
21 • Reference (b) provides that Hydro One filed a "screen-out letter" with the Ministry of
22 Environment on March 9, 2012, and that "Hydro One will follow the Ministry's
23 recommendations on environmental issues." See also Reference (d).
24 • Reference (c) provides that the proposed Project will use a "High Temperature Low
25 Sag Conductor, which is a new type of conductor for Hydro One".
26 • Reference (e) provides that local concerns and recommendations from the Ministry of
27 Natural Resources, the results of the archaeological studies and further input from
28 neighbours will be used to develop the Environmental Specifications (which describe
29 the project specific commitments and mitigation measures).
30 • In Reference (f), Hydro One indicated to First Nation communities that may be
31 impacted by the proposed Project that it "may also take the opportunity to replace a
32 number of aging transmission towers to ensure the long-term integrity of this
33 important transmission facility."
34 • In Reference (g), Hydro One indicated to First Nation communities that may be
35 impacted by the proposed Project that it "will also undertake, as required,
36 maintenance and/or replacement of selected tower foundations and components to
37 ensure the long term integrity and reliability of this transmission line."
38

39 **Questions/Requests:**

- 40
41 1. Are there any additional or more severe environmental or health impacts associated
42 with the new type of conductor (High Temperature Low Sag Conductor) that Hydro
43 One is proposing to use?

- 1 2. Were the impacts (and potential uncertainty about impacts given that it is a new
2 technology) considered in the screening under the *Class Environmental Assessment*
3 *for Minor Transmission Facilities*?
4
- 5 3. Will Hydro One be replacing any transmission towers on the transmission line
6 between Lambton TS and Longwood TS?
7
- 8 4. If transmission towers will be replaced:
9 (a) Is the cost of replacing the towers included in the cost of the proposed Project?
10 (b) Is the replacement of the towers part of Hydro One's Application for leave to
11 construct?
12 (c) If not, why was the replacement excluded from the Application?
13 (d) Were the impacts of replacing the towers considered in the screening under the
14 *Class Environmental Assessment for Minor Transmission Facilities*?
15 (e) If not, why were they not considered?
16
- 17 5. Will Hydro One be replacing any tower foundations between the Lambton TS and
18 Longwood TS?
19
- 20 6. If tower foundations will be replaced:
21 (a) Will Hydro One move the towers in any way in order to replace the foundations?
22 (b) Is the cost of replacing the tower foundations included in the cost of the proposed
23 Project?
24 (c) Is the replacement of the tower foundations part of Hydro One's Application for
25 leave to construct?
26 (d) If not, why was the replacement excluded from the Application?
27 (e) Were the impacts of replacing the tower foundations considered in the screening
28 under the *Class Environmental Assessment for Minor Transmission Facilities*?
29 (f) If not, why were they not considered?
30
- 31 7. Have all required archaeological studies been carried out? In particular:
32 (a) Is a Stage 2 archaeological study required?
33 (b) Has Hydro One carried out a Stage 2 archaeological study?
34 (c) If Hydro One has carried out a Stage 2 archaeological study, please provide the
35 report for the Stage 2 archaeological study.
36 (d) If Hydro One has not carried out a Stage 2 archaeological study:
37 (i) When will Hydro One carry out the Stage 2 archaeological study?
38 (ii) Will a Stage 2 archaeological study be carried out before work is done to
39 replace tower foundations, to replace the towers or to install the new
40 transmission facilities?
41
- 42 8. In addition to the copy of the "screen out letter" filed with the MOE requested by the
43 OEB in its Interrogatory #6, please provide:

- 1 (a) all recommendations on environmental issues made by the Ministry of
2 Environment or any other (provincial or federal) Crown ministry, department or
3 agency;
4 (b) all "commitments" made by Hydro One in respect of environmental issues for the
5 proposed Project; and
6 (c) all mitigation measures that Hydro One has agreed to or has been required to
7 implement in respect of any environmental issues.
8
9 9. Please provide all "Environmental Specifications" developed for the proposed
10 Project.
11
12

13 *Response*
14

- 15 1. No, there are no additional or more severe environmental or health impacts associated
16 with the HTLS conductor.
17
18 2. The HTLS conductor is not new technology to the industry; it is just a new type of
19 conductor used by Hydro One. Since there are no additional environmental or health
20 impacts of using the HTLS conductor, they were not taken into consideration under
21 the Class EA.
22
23 3. No, this project does not involve the replacement of any towers on the transmission
24 line between Lambton TS and Longwood TS.
25
26 4. Not applicable, as transmission towers will not be replaced.
27
28 5. No, this project does not involve the replacement of tower foundations on the
29 transmission line between Lambton TS and Longwood TS, however repair work to
30 the existing foundations will be undertaken.
31
32 6. As noted in the response to question #5 above, foundation work required will involve
33 repairs to the existing foundations, not replacement of the foundations.
34
35 a. No, the towers will not be moved. In order to carry out the repair work any tower
36 foundation repairs will be done to the foundations in-situ and the towers will
37 remain in place.
38
39 b. No cost is included in the Project estimate for the foundation repairs. Please see
40 the response to part d) for further information.
41
42 c. The tower foundation repair work is not part of this Hydro One application to the
43 OEB. Please see the response to part d) for further information.
44

- 1 d. The foundation repair work is part of Hydro One's planned maintenance program
2 undertaken to maintain the continued reliability of the system. The foundation
3 repairs, the need for which was identified as part of Hydro One's routine
4 inspection program, would have proceeded regardless of the Lambton to
5 Longwood project. As such, the repair costs have not been included in the
6 Lambton to Longwood project costs. These costs are instead included in Hydro
7 One's annual sustainment budget.
8
- 9 e. The impact of repairing tower foundations was taken into account during the
10 project planning process and was included in the EA consultation process.
11
- 12 f. See part e) above.
13
- 14 7.
- 15 a. A Stage 2 archaeological study is not required for the footing repair, but it is
16 required for the re-conductoring project.
17
- 18 b. The field work has been completed for the areas where access roads are proposed
19 to be built for foundation repair; however, the report has not yet been completed.
20 Field work has not begun for the Stage 2 Archaeological Study for areas that
21 require ploughing for the puller-tensioner sites. This work is scheduled for the
22 fall and will be completed prior to re-conductoring.
23
- 24 c. See part b) above.
25
- 26 d. The Stage 2 archaeological study work is predominately complete, except for a
27 few areas around the string pads where the crops will need to be removed before
28 Hydro One can complete the study. This work is expected to be completed in the
29 fall of 2012 once the crops are out of the fields. The foundation repair work is
30 expected to be completed before that, however, as mentioned in part a) above, an
31 archaeological study is not required for the footing repair work because of the
32 minimal effects.
33
- 34 8.
- 35 a. Only the Ministry of Natural Resources made recommendations regarding the
36 project, which they provided to Hydro One through an email on February 24,
37 2012. Please see Attachment 1 to this exhibit.
38
- 39 b. Hydro One has made the following commitments in respect of environmental
40 issues for the proposed Project.
41 • Representatives from Alvinston Community Group came to the PIC to let
42 Hydro One know about some of their community improvement projects,
43 including a plan to beautify the "Mill Pond" area along the transmission

1 corridor. Hydro One's Environmental Planner has committed to follow up
2 with the community group once all approvals are received for the project.

- 3
4 • Hydro One has also committed to COTTEN and the Onedia to have them as
5 monitors during the archaeological Stage 2 study and any further studies that
6 are being conducted.

7
8 c. The following are the mitigation measures that Hydro one will implement:

- 9 • Hydro One is committed to work with Bridgen Public School and Library and
10 the local school board on the Project's construction schedule to minimize
11 inconvenience and maximize safety during the construction of the Project;
12 • Hydro One will follow the guidelines put forth in the letter from the MNR on
13 species at risk;
14 • The optimal phasing of the new conductor will minimize EMF;
15 • Hydro One will use its typical construction methods during construction of
16 temporary access roads and stringing pads by laying down crushed rock on
17 filtered fabric to minimize the impact on vegetation and agriculture;
18 • Impacts on drainage tiles are not expected, but if there is any damage Hydro
19 One will repair immediately;
20 • Replace entrance culverts, where necessary, and work with municipalities to
21 attain proper approval.

22
23 9. Environmental Specifications for the foundation work are filed as Attachment 2 to
24 this exhibit. The specifications for the re-conductoring work will not be developed
25 until all the approvals have been received.

Subject: FW: Lambton x Longwood Transmission Upgrade: Follow-up on SAR
Attachments: SLMO Map for OPG.pdf

From: Gould, Ron (MNR) [<mailto:ron.gould@ontario.ca>]
Sent: Friday, February 24, 2012 3:47 PM
To: JONES Ashley
Subject: FW: Lambton x Longwood Transmission Upgrade: Follow-up on SAR

Hi Ashley,

Here are some specific recommendations we can provide for avoidance of impacts to species and habitats protected under the Endangered Species Act (ESA), 2007. Please contact me if you have any questions or wish to meet again to go over any details for clarification.

Tile 1 area – between Generating Station and Greenfield Rd

There are two species at risk known to occur in the hydro line corridor in this area, Spoon-leaved Moss (SLM) and Butler's Gartersnake (BGS). There is also a possibility Eastern Foxsnake (EFS) occurs here as well considering the presence of suitable habitat and other records in the vicinity. All of these species receive both species and habitat protection under the ESA 2007 however if disturbances are temporary and small in area, damage or destruction to habitat may not be anticipated as a result of project activities. SLM locations are shown on the attached map (sites 8, 9 and 10) and GPS coordinates are in NAD 1983. Although these three locations occur under existing transmission lines they are small and isolated patches in one general area.

The general SLM area in the line corridor should be flagged for avoidance during project activities. No vehicle access of any type (including ATVs) should occur within 10 meters of these individual SLM sites. If required MNR can provide specific GPS coordinates for these locations and/or assist with species identification in the field.

Any temporary road access for repair of tower footing #10 should occur from the east (Greenfield Rd) to minimize potential impacts to species at risk habitat in this area. Road materials should be installed in a manner that allows them to be removed after footing repair to retain existing grade conditions and underlying vegetation re-growth. Road construction should occur either before snake emergence from hibernation begins (by April 1) or during a period between June 1 to September 15 when snakes are seasonally active and more able to flee areas of disturbance. The temporary road should not exceed 10 meters in width and the area of disturbance to vegetation around the footing for repair/replacement should not exceed 15 meters and after the project the site should be left in a state that allows for vegetation growth back to pre-existing conditions.

Repair or replacement of the footing should occur between May 15 and September 15 to ensure snakes are not potentially occupying the structure for hibernation purposes.

Other vehicle access within the vegetated line area should be limited to small, low-impact all terrain vehicles.

If chimney or meadow crayfish burrows are observed on site, impacts to these should be avoided prior to May 15 or after September 15.

Mesh materials that could result in the entanglement of snakes should be avoided. MNR is available for more specific consultation regarding preferred and harmful materials.

Any brush piles, rotting logs or composting organic material piles that may be encountered on site should be protected from disturbance. If any of these are found to occur within the access road or footing repair area MNR should be contacted for additional guidance. It may be feasible to relocate these features out of the way of activities depending on the time of year.

The use of any flat covering material (such as plywood, sheet metal, rubber mats, etc) should be avoided in the vegetated line area. The undersides of these materials are known to attract BGS and EFS which could result in impacts to these species if materials are subject to vehicle access or other physical disturbance.

Tile 2 area – south of Courtright Line

There are known SLM sites in this area but these are located under the transmission lines on the west side of the railway tracks. From our review of the mapping provided MNR does not anticipate impacts to this species or its habitat from upgrade activities as proposed on the east side of the railway.

If any project activities are required on the west side of the railway in this area please contact MNR for additional guidance.

There is a known BGS population in this area, recorded in several locations on the west side of the railway, but suitable grass and shrub habitat present also appears to be present under some portions of the line east of the railway along the woodland edge and around a small pond. As a result any access through these vegetation areas should be limited to low impact all terrain vehicles or restricted from June 1 to September 15 for larger vehicles.

For activities that would occur within any grass or shrub habitat areas the following recommendations from the Tile 1 line section should be applied:

Repair or replacement of the footing should occur between May 15 and September 15 to ensure snakes are not potentially occupying the structure for hibernation purposes.

If chimney or meadow crayfish burrows are observed on site, impacts to these should be avoided prior to May 15 or after September 15.

Mesh materials that could result in the entanglement of snakes should be avoided. MNR is available for more specific consultation regarding preferred and harmful materials.

Any brush piles, rotting logs or composting organic material piles that may be encountered on site should be protected from disturbance. If any of these are found to occur within the access road or footing repair area MNR should be contacted for additional guidance. It may be feasible to relocate these features out of the way of activities depending on the time of year.

The use of any flat covering material (such as plywood, sheet metal, rubber mats, etc) should be avoided in the vegetated line area. The undersides of these materials are known to attract BGS

and EFS which could result in impacts to these species if materials are subject to vehicle access or other physical disturbance.

Tile 7 area – Sydenham River

There are records of Kentucky Coffee-tree along the forested banks of the Sydenham River in the general area. MNR does not have specific knowledge of this species along the lines where they cross the river, but if any vegetation disturbance is required at this location, a survey for Kentucky Coffee-tree should be conducted here to ensure any that may be present are avoided.

General Recommendations

In the event that one of the above or other species at risk is incidentally injured or killed as a result of project activities MNR staff should be contacted immediately to provide additional guidance. Contacts would include Ron Gould ph. (519) 773-4735 or Catherine Jong ph. (519) 773-4736. If MNR staff are not available any injured snake species at risk should be immediately transported to a licensed veterinarian or wildlife custodian for care and/or euthanasia.

Any general observations of species at risk should be reported to MNR within 2 working days. If a snake species at risk is encountered on site all project personnel and activities should maintain a minimum operating distance of 30 meters from the snake at all times.

Other species at risk that could be encountered in the project area include (but are not limited to) Butternut, Eastern Flowering Dogwood, American Chestnut and American Badger. If any of these or other endangered or threatened species are encountered during project surveys or activities they should be protected from harm and reported to MNR staff within 2 working days.

Thanks for your assistance,

Ron Gould
Species at Risk Biologist
MNR - Aylmer District
615 John St. North
Aylmer, ON N5H 2S8
Phone: 519-773-4735
Email: ron.gould@ontario.ca



HYDRO ONE NETWORKS INC.

Lambton x Longwood Sustainment

Environmental Specification

June 2012

AR#20518

Hydro One Networks Inc.
Environmental Services and Approvals
483 Bay Street, South Tower, 4th Floor
Toronto, ON, M5G 2P5

Prepared By:
Ashley Jones – Planner

PROJECT TEAM / EXTERNAL CONTACTS and ACCOUNTABILITIES

AGENCY	TITLE	CONTACT	PHONE
Hydro One	Project Manager (PM)	Tina Kianzad	647-449-6931
Hydro One	Construction Area Superintendent Civil (Civil CAS)	Jim Goodfellow	416-557-0932
Hydro One	Construction Site Supervisor/Groundwork Supervisor Senior Foreman (SF)	Gord Clark	647-220-4069
Hydro One	Environmental Planner	Ashley Jones/ Patty Staite	416-345-6886 416-345-4155
Hydro One Spills Emergency Dispatch	Dispatch	Dispatch	1-866-384-4743
WASTE HOTLINE	On Call	On Call	1-866-782-4489

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- Appendix B Construction Activity Tile Maps

1.0 INTRODUCTION

This Environmental Specification details how environmental protection will be achieved on this project by describing government legislation, commitments, company policy and special mitigative procedures to be undertaken. All Hydro One Networks Inc. (Hydro One) staff, contractors and sub-contractors on this project are responsible for implementing all components of, and adhering to all requirements of this Environmental Specification.

2.0 SCOPE OF WORK

To repair 83 corroded concrete footings on 33 structures and re-connecting 92 broken ground rods to tower legs. Hydro One construction will utilize track vehicles and prevent any heavy machinery from entering the right-of-way and nearby properties.

Construction activities include minor brush removal and minor excavation around tower foundation to expose footing. Some of the towers will be anchored with guyed wires, this is to be specified by Engineering. The towers will be elevated one leg at a time. The damaged concrete will be broken and removed and new concrete poured on top to complete repair. Once cured and the bonding agent has been applied, the existing tower will be reconnected to the repaired foundation.

Soil will be reused on site. No spoil, slurry or industrial waste is expected to be generated as a result of construction activities.

There are no erosion and sediment controls required or liquid industrial waste expected to be generated on-site.

Any damage to agricultural crop tiles as a result of construction activities must be repaired on site. Any repairs must be reported to Hydro One Real Estate Land Agent, Danny White (519) 643-6674.

There are no site specific issues in respect to Archaeology. If artifacts, potential remains, or other archaeological or heritage resources are encountered, please stop work immediately and refer to **Appendix A**.

See **Section 5.0** for site specific issues related to Species at Risk

List of tower footing repairs

	Fdn # 1	Fdn # 2	Fdn # 3	Fdn # 4	Total
1		1	1		2
14	1		1		2
16				1	1
20	1			1	2
99	1				1
100			1	1	2
101			1	1	2
102	1	1			2
103	1	1			2
105			1	1	2
106		1	1	1	3
107	1	1	1		3
108	1	1	1	1	4
109		1	1	1	3
110	1	1	1		3
111		1	1	1	3
112		1	1	1	3
113	1	1	1		3
114	1	1	1		3
115	1		1	1	3
116			1	1	2
117	1	1	1	1	4
118	1	1		1	3
119	1	1	1		3
120	1		1	1	3
121		1	1	1	3
122	1	1	1	1	4
123	1	1	1	1	4
124	1	1	1		3
125		1			1
126	1				1
145				1	1
157		1	1		2
					83

List of broken ground wires

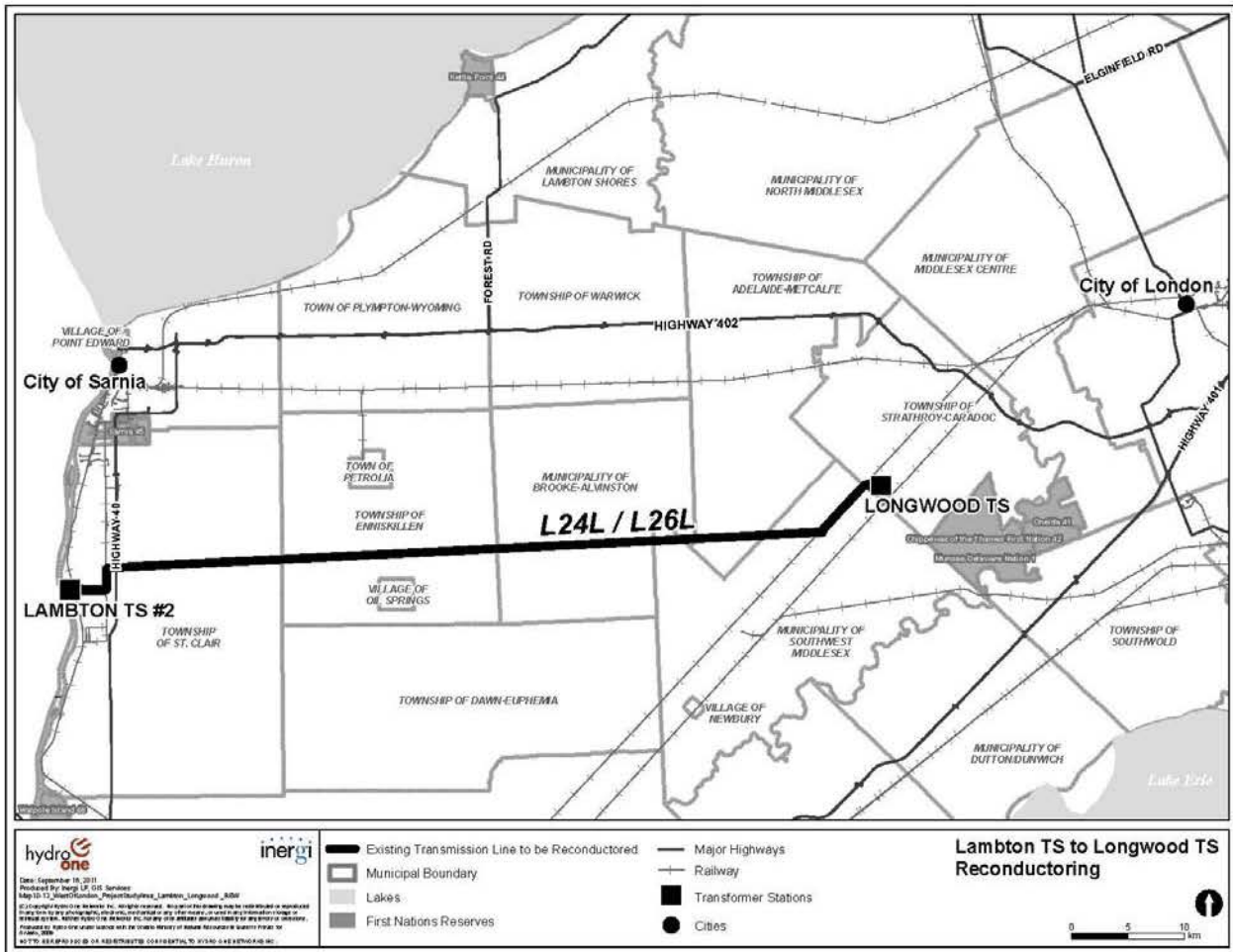
L24L: Towers (2,3,5,6,8-14)

L26L: Towers (2-14)

L24/26L: Towers (20,21, 28, 54 -57, 60, 64, 66-73, 79, 106, 117, 119, 129-134, 136, 138, 144, 154, 158, 159, 167, 186, 187, 188, 191, 200, 201, 206, 209, 210, 225-230, 233-235, 245, 248, 249,252-255, 257-259, 261,278,286, 304-306)

See **Figure 2-1** for a Location Map.

Figure 2-1 Location Map



3.0 COMMUNICATION

All communication related to environmental issues with municipal, provincial or federal agencies, the public and First Nations and Métis, or other external stakeholders will be directed through the Environmental Planner.

3.1 Environmental Crew Briefings

The Construction Site Supervisor or their designate shall conduct daily safety reviews commonly called "Tailboards" with all personnel. Tailboards must also cover environmental issues and may include:

- Identify and minimize environmental risks and address health and safety concerns related to environmental issues;
- Alert crew(s) to other sensitive environmental situations not previously identified; and Encourage crew(s) to report any observations of new issues/potential impacts/incidents not included in previous tailboards to the Construction Site Supervisor immediately.

4.0 PERMITS, APPROVALS AND ASSESSMENTS

The following provides a status of the various permits, approvals and assessments that are required for this project. If any of the required documentation listed below has not been received, contact the Environmental Planner to supply the documentation.

NOTE: Certificates and Permits must be posted at site.

Table 4-1 Required Permits, Approvals and Assessments

REQUIRED	STATUS
Archaeological Clearance	In Progress
Utility Locates and Clearance	In Progress

5.0 SITE SPECIFIC ISSUES

Agricultural crop tile depth is shallow in this area. Take precautions when driving along ROW, some fields have been tiled underneath the line. Any damage to agricultural field tiles must be repaired on site. Any repairs must be reported to Hydro One Real Estate Land Agent, Danny White (519) 643-6674. Heavy equipment and machinery should only be used in dry soil conditions to minimize damage.

Species at Risk may be present between Tower 1 and 28. Sustainment work will be completed on Towers 1, 14, and 16 and 20. If there are to be any changes in access or footing work from what is shown on the development plan then the Environmental Planner is to be contacted immediately.

Species at Risk- between Towers 1 and 28

There are two species at risk known to occur in the hydro line corridor between Towers 1 and 28. Ministry of Natural Resources has requested the following mitigation measures be undertaken:

1. It is assumed that the only road construction that is undertaken will be into Tower 16. This should occur either before snake emergence from hibernation begins (by April 1) or during a period between June 1 to September 15.
2. The temporary road should not exceed 10 meters in width and the area of disturbance to vegetation around the footing for repair/replacement should not exceed 15 meters and after the project the site should be left in a state that allows for vegetation growth back to pre-existing conditions.
3. Repair of the footings in this area should occur between May 15 and September 15.
4. Other vehicle access within the vegetated line area should be limited to small, low-impact all terrain vehicles.

Mesh materials that could result in the entanglement of snakes should be avoided. If required, contact the Environmental Planner.

5. If brush piles, rotting logs or composting organic material piles are encountered on site or within the access road or footing repair area MNR should be contacted for additional guidance. It may be feasible to relocate these features out of the way of activities depending on the time of year.
6. The use of any flat covering material (such as plywood, sheet metal, rubber mats, etc) should be avoided in the vegetated line area. The undersides of these materials are known to attract snakes and could result in impacts to these species if materials are subject to vehicle access or other physical disturbance.

General Recommendations

In the event that one of the above or other species at risk is incidentally injured or killed as a result of project activities the Environmental Planner should be contacted immediately Ashley Jones (416) 345-4155 or Patty Staite (416) 345-6686 so that MNR staff should be contacted to provide additional guidance.

If MNR staff are not available, any injured snake species at risk should be immediately transported to a licensed veterinarian or wildlife custodian for care and/or euthanasia.

Any general observations of species at risk should be reported to the Environmental Planner immediately. If a snake species at risk is encountered on site all project personnel and activities should maintain a minimum operating distance of 30 meters from the snake at all times.

There are no site specific issues in respect to Environmentally Sensitive Areas or Archaeology. If artifacts, potential remains, or other archaeological or heritage resources are encountered, please stop work immediately and refer to **Appendix A**.

Crayfish burrows or chimneys should be avoided after Sept. 15 and before May 15.

Please see below for photograph examples of the Species at Risk present in proximity to the line. **Figure 5-1** example of a crayfish chimney, **Figure 5-2** Butler's Garter Snake and **Figure 5-3** spoon leaved moss and **Figure 5-4** Eastern Foxsnake.

Figure 5-1 Crayfish Chimney



Figure 5-2 Butler's Garter Snake



Figure 5-3 Spoon Leaved Moss



Figure 5-4 Eastern Foxsnake



Migratory Birds

Refer to the HODS Document **SP 1259 R0 Active Bird Nest Management**, April 2011, attached in **Appendix A**

For work occurring between February 1st and August 31st, Conduct pre-work Foot Patrol to locate active Nests at the beginning of the day/prior to work activities. The surveyor shall:

1. Walk through the immediate area where work is to occur to determine if active nests are present on the ground, in vegetated area (grass, brush, trees), or on other structures (poles/towers, man-made structures, etc). The sighting of adult birds, or listening for adults or chicks, may help identify the location of active nests.

Attempt to determine if nests may be located within the zone sizes noted in Appendix A, "Buffer Zones for select Birds". These may range from 3 metres (for Song Birds) to several hundred meters for larger species.

2. Document location of active nests, and if possible note the species.
3. Notify Lead Role Person of survey findings.

When raptor nests are discovered on Hydro One assets during the survey, or previously non-observed nests found after work has begun, the following practical mitigation should be utilized to protect nests with eggs or chicks.

- Delay Activity in the area if doing so will not compromise system security (i.e. safety or reliability).
- Reschedule work after chicks have fledged (approximately three weeks following hatching).
- Establish buffer zone around nest site if the work can't be delayed.
- Consult Appendix A "Buffer Zones for select Birds" for suitable buffer sizes.
- Once work is complete and access to the area is no longer required, materials used to mark the buffer zone must be removed.

If the activity cannot be delayed, and the activity may directly impact an active nest in a tree, the following options should be considered to minimize impacts:

- Whenever possible use an aerial device to work on the tree
- If required to climb the tree, tie in and climb as far away as possible from the nest.
- Where possible, avoid tying to a limb that supports the nest or tying in a way that causes a rope to brush by a nest.
- Where possible, avoid climbing on the limb that supports the nest.
- On trees, only trim necessary branches and attempt to leave the branch with the nest intact.
- When performing trimming work, use the tool that will cause the least disruption to the nest, considering noise, vibration and length of time to perform the work.
- When practical, do not drop limbs/wood within the canopy of the tree containing the nest.

Damage to Agricultural Crop Tiles

Any damage to agricultural crop tiles as a result of construction activities must be repaired on site. Any repairs must be reported to Hydro One Real Estate Land Agent, Danny White (519) 643-6674.

Erosion, Sediment Control and Liquid Industrial Waste

There are no erosion and sediment controls required or liquid industrial waste expected to be generated on-site.

Archaeology

There are no site specific issues in respect to Archaeology. If artifacts, potential remains, or other archaeological or heritage resources are encountered, please stop work immediately and refer to **Appendix A**.

6.0 EROSION AND SEDIMENT CONTROL

There are no erosion and sediment controls required beyond what is needed to ensure that there is no off-site movement or sedimentation, resulting from any construction activities. Soil excavation activities including the import and storage of fill, and de-watering activities will be conducted so that there is no impact to not only water quality but also to soils of neighboring properties. Where soil is stockpiled it shall be left in a stable condition (e.g., within sediment fence and covered with tarpaulins) so there will be no adverse effect on the local environment.

7.0 SOIL, SLURRY AND WATER MANAGEMENT

7.1 Soil

Soil can be re-used on-site.

7.2 Slurry

There will be no liquid industrial waste expected to be generated on-site.

7.3 Water

No dewatering activities are anticipated.

7.4 Backfill

No fill material required.

No spoil is expected to be generated on site, sampling and testing is not required. In the event of a spill, please contact the Waste Hotline. Other waste generated on site; contacts listed below.

GENERAL WASTE MANAGEMENT CONTACTS

For all waste including garbage and recycling, soil, oil, pcb, etc. Call:

WASTE HOTLINE: 1-866-782-4489

GARBAGE & RECYCLING: Call WASTE HOTLINE

CONSTRUCTION SOIL/SPOIL: Call the WASTE HOTLINE.

OIL, PCB AND OTHER SUBJECT WASTES: Call the WASTE HOTLINE for disposal.

MITIGATION – WASTES

MINIMUM ACCOUNTABILITIES: Construction Site Supervisor and WASTE HOTLINE

- Minimize wastes produced and maximize reuse of assets;
- Store wastes securely on-site in appropriate storage containers/facilities;
- Segregate all wastes stored by Class;
- Maintain current inventory of all wastes stored on-site;
- Mark and label wastes to be disposed of off-site;
- Complete Part A of Manifests for wastes transported off-site as required. Manage Manifest copies (White mailed to Ministry of the Environment immediately, Green filed for at least 2 years).

7.5 General Waste and Recycling (Not soil or water)

The Construction Site Supervisor, with input from the WASTE HOTLINE, must ensure wastes, ie. concrete, are managed in accordance with Regulation 347, "General - Waste Management", under the *Ontario Environmental Protection Act*.

8.0 NOISE AND DUST

MITIGATION – NOISE

MINIMUM ACCOUNTABILITY: Construction Site Supervisor

- The Ministry of the Environment's Noise By-law prevails and excessive noise-emitting construction operations should only occur between 0700 hours and 1900 hours daily, unless nearby receptors will be adversely affected.

MITIGATION - DUST SUPPRESSION

MINIMUM ACCOUNTABILITY: Construction Site Supervisor

- To protect adjacent receptors from potential off-site dust concerns, Hydro One shall implement good site practices during construction, including maintenance of equipment in good running condition and in compliance with regulatory requirements and, in the event of dry conditions and excessive dust, dust suppression (e.g., water and/or calcium chloride) of source areas and covering loads of friable materials during transport; and
- Mud and dirt deposited on municipal roads by construction vehicles and equipment shall be removed daily or as it occurs.

9.0 WET WEATHER DELAY

In the event that a wet weather construction delay is necessary, work stoppage will be decided upon between the Environmental Planner, Construction Area Superintendent, Construction Site Supervisor and Project Manager. This may be required because of the tile in the fields.

10.0 SITE RESTORATION

Any exposed soils in non-agricultural areas resulting from Hydro One's construction activity is to be grass seeded and protected from erosion.

11.0 ENVIRONMENTAL MONITORING

Compliance monitoring, as per the "Hydro One Networks Services Standard 4208-84200-01 R0 Environmental Monitoring Standard," is to be carried out by the Hydro One Environmental Monitor, who will plan periodic site visits based on the project activity schedule and work location of the construction crews. The timing of the visits will be discussed with the designated construction contact.

The responsibilities of the Environmental Monitor are to achieve one or more of the following goals:

- To foster open and constructive relations with the communities potentially affected by the project and identify any issues;
- To demonstrate compliance with all project commitments and legislative requirements;
- To document effects on the environment;
- To minimize effects on private properties and agricultural operations;
- To minimize environmental effects on natural habitats, flora and fauna;
- To minimize health and safety risks to local residents and construction staff;
- To document that required mitigation was implemented;
- To confirm that mitigation was implemented and effective;
- To identify unforeseen effects and ensure appropriate remedial action;
- To assess the effectiveness of mitigative measures in support of a continual improvement process;
- To confirm contractors and staff are working in compliance with environmental requirements;
- To confirm compliance with all appropriate environmental quality standards; and
- To comply with monitoring requirements as a condition of approval.

Appendix A Site Specific Issues

**ARCHAEOLOGICAL/HERITAGE ARTIFACTS
ACCOUNTABILITY: All Employees**

- If artifacts, potential remains, or other archaeological or heritage resources are encountered at any stage of construction, Hydro One Construction shall immediately take the following actions:
- Stop work in immediate vicinity of any discovery of potential artifact(s) and contact the Construction Site Supervisor;
- Construction Site Supervisor contacts Environmental Planner and Project Manager;
- Environmental Planner contact local office of Ministry of Tourism and Culture; and
- Do not continue work in area until the site has been cleared for continuation of construction operation, given by Ministry of Tourism and Culture through Project Manager or Environmental Planner.

Damage to Agricultural Crop Tiles

Agricultural crop tile depth is shallow along this line. Take precautions when driving along ROW, some fields have been tiled underneath the line. Any damage to agricultural field tiles must be repaired on site. Heavy equipment and machinery should only be used in dry soil conditions to prevent damage.

Any damage to agricultural crop tiles as a result of construction activities must be repaired on site. Any repairs must be reported to Hydro One Real Estate Land Agent, Danny White (519) 643-6674.

Species at Risk

Species at Risk are present between Tower 1 and 28. Sustainment work is not scheduled for this area; however, if access is required please notify the Environmental Planner immediately. Access to towers 1-28 may only be done once a protective fence barrier is erected around the species habitat.

Notify the Environmental Planner, Ashley Jones (416) 345-4155 immediately if access is required.

Migratory Birds

HODS Document **SP 1259 R0 Active Bird Nest Management**, April 2011

Eastern Foxsnake *Pantherophis gloydi*

Status: Endangered

Description

Head is brown to reddish in colour with no distinct pattern or markings
Body is yellowish brown with dark blotches along the body (smaller blotches along the side)

Juveniles have a dark line in front of the eyes and extending from the eye to the angle of the jaw



Typical Size

Typically 91 – 137 cm long (36"-54")

Habitat

Wide variety of habitats including hedgerows, marshes and woodland areas; usually found near water

Basking and shelter sites include brush piles, table rock, tree stumps, etc.

Nest sites including rotting cavities of downed trees, decaying piles, rodent burrows and hay piles
From late October until April they hibernate in burrows, limestone bedrock fissures, canals, old wells or building foundations

Other

When alarmed it can vibrate its tail, resembling a rattlesnake

Other similar blotched-pattern snakes include Massasauga, Milksnake, Eastern Hog-nosed Snake, Northern Watersnake, juvenile Blue Racer and juvenile Gray Ratsnake

IMPORTANT – STOP ALL WORK IMMEDIATELY IF FOUND

Observations of Eastern Foxsnakes should be reported to the Environmental Planner

CONTACT:

Ashley Jones (office) 416-345-4155

Patricia Staite (office) 416-345-6686 (cell) 416-819-0456

Butler's Garter Snake ***(Tahmnophis Butleri)***

Status: Endangered Provincially and Nationally

Description

Similar to the Eastern Garters Snake, but smaller, grows up to 50 cm in length with a smaller head.

A tan stripe runs down the middle of the black back, and yellow stripes are on the sides of the snake. Below the yellow stripes is a brown checkered pattern.

Often moves sideways

Habitat

Prefers open habitats such as dense grasslands, prairies and old fields where there are small marshes and seasonal wet areas.

Restrictions (Towers 2 -29)

Area of disturbance to tower for footing repair/replacement should not exceed 15m. Footing repair should be done between May 15 and September 15.

Use of mesh materials that could result in entanglement of snakes must be avoided. Brush piles, rotting logs or composting organic material piles should be avoided and protected from disturbance. If this cannot be done, please contact Environmental Planner. Do not use flat covering materials such as plywood, sheet metal and rubber mats.

I



IMPORTANT – STOP ALL WORK IMMEDIATELY IF FOUND.

Observations of Butler's Garter Snakes should be reported to the Environmental Planner

Contact:

Ashley Jones 416-345-4155

Patricia Staitte (office) 416-345-6686 (cell) 416-819-0456



Document Number: **SP 1259 R0**
Document Name: **Active Bird Nest Management**
Issue Date: **April 2011**

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The requirements of this document are mandatory.

Purpose

While the Migratory Bird Convention Act (MBCA) and associated regulations prohibit harming migratory birds or their eggs/chicks some required work activities may have adverse impacts on birds, their nests and eggs.

The purpose of this document is to outline process to follow minimize adverse impacts when birds and/or active bird nests are encountered during work activities, or observed on Hydro One assets.

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10.0 [Document Authorization](#)

1.0 Scope

This document applies to all lines of business within Hydro One Networks including staff involved in construction (capital), operation & maintenance, or emergency response activities (e.g. forestry and vegetation management, site maintenance, line work, access road construction etc), and to staff who observe active nests that may adversely impact the safe operation of assets.

2.0 Definitions

The following definitions apply to items in this document.

Active Nest	A nest that contains eggs or chicks that have not fledged. Nests may be located within vegetation (tree branches, tree cavities, shrubs, etc) or on the ground
Lead Role Person	Person who guides work on site (may be a UTS, Supervisor, Designated Crew Leader, etc.).
MBCA	Migratory Bird Convention Act
Migratory Bird	This document applies to all birds situated within the province.
Practical Mitigation	Practical steps that can be implemented to protect birds and their nests/eggs without jeopardizing system safety/reliability.

3.0 Accountabilities

Table 1: General Accountabilities

Responsible Party	Activity
LoB Leaders/BU VP Director/Manager	<ul style="list-style-type: none"> • Ensure that staff are aware that harming migratory birds, their nests or eggs, is prohibited under the MBCA.
VP - HSE	<ul style="list-style-type: none"> • As required, review and/or update procedures required to protect nests and eggs.
Directors - Forestry Director – Provincial Lines Director – Station Maintenance Director - ECS	<ul style="list-style-type: none"> • Ensure the requirements in this document are communicated to staff members within their respective lines of business, and that supervisors and staff fulfill their obligations.
Lead Role Person	<ul style="list-style-type: none"> • Ensure staff are assigned to conduct foot patrol surveys prior to work activities. • When nests are discovered, examine and arrange to implement practical mitigation measures to protect active nests or eggs.
Station Services Specialist.	<p>When Nests or eggs discovered within a station environment:</p> <ul style="list-style-type: none"> • determine if removal other practical mitigation is required. • arrange for mitigation or permits/exterminators as required.
Employees	<ul style="list-style-type: none"> • Be familiar with requirements of MBCA and the Practical Mitigation Options outlined in this document to protect eggs/nest • As required: <ul style="list-style-type: none"> ○ conduct pre-work foot patrol prior to work ○ Implement corrective actions suggested by Lead Role person ○ If previously undetected nest or eggs discovered during work, discuss and implement practical mitigation options to minimize impacts.

4.0 Management of Raptor Nests on Transmission and Distribution Assets (Bald Eagles, Golden Eagles, Red Tailed Hawk, Ospreys)

Consult [Forestry Practice 15 Raptor Nest Management](#) [1] for steps to take when raptor nests are discovered on Hydro One assets (i.e. assessing compatibility of a nest, how to protect compatible nests, specifications for nesting box, etc).

5.0 Management of Woodpecker Nests on Hydro One Assets

Consult [SP 0304](#) - Requirements for Handling Woodpecker Nests in Poles [2] for requirements on handling woodpecker nests in poles (i.e. assessing hazard, notification and permit requirements when nest removal is required, pole protection, etc.).

6.0 Management of Bird Nests Near or On Rights-of-Way.

Table 2: Locating Nests and Developing Mitigation - Accountabilities and Instructions

Accountability		Instruction
	1	For work occurring between Feb 1st & August 31st - Conduct pre-work Foot Patrol to locate active Nests
Lead Role Person	1.1	<ul style="list-style-type: none"> Prior to commencement of days work - assign staff to conduct quick foot patrol within the defined work area to locate active nests in surrounding vegetation (shrubs/trees), or on the ground.
Staff assigned to conduct foot patrol to locate nests.	1.2	<ul style="list-style-type: none"> Conduct site survey as outlined in Section 6.1
Lead Role Person	1.2	<ul style="list-style-type: none"> Determine practical mitigation steps as per Section 6.2. Document options in local work plan. If required, assign specific duties to staff to implement practical mitigation option.
Staff assigned to implement protection requirements.	1.4	Implement actions required to protect nests, eggs, chicks.
All Staff	1.5	Conduct work activities in accordance with work plan.
	2.0	Nests Not Found During Foot Patrol, but Discovered During Work.

All Staff	2.1	<ul style="list-style-type: none"> • Refer to practical mitigation options in section 6.2 to minimize impacts on nest site. • Select option that will minimize impacts on nest site without compromising system security. • Inform Lead Role Person On Site of proposed mitigation.
Lead Role Person On Site	2.2	<ul style="list-style-type: none"> • Confirm mitigation option with staff. • If required, document option in work plan.

6.1 Foot Patrol to Locate Birds/Nests

Between Feb 1st and August 31st, conduct a quick foot patrol on a daily basis at the beginning of the day/prior to work activities. The surveyor shall:

1. Walk through the immediate area where work is to occur (or staff/equipment need to travel) to determine if active nests are present on the ground, in vegetated area (grass, brush, trees), or on other structures (poles/towers, man-made structures, etc). The sighting of adult birds, or listening for adults or chicks, may help identify the location of active nests.

Attempt to determine if nests may be located within the zone sizes noted in Table 3. These may range from 3 metres (for Song Birds) to several hundred meters for larger species.

Click to view: [Table 3: Buffer Zones \(meters\) for Select Birds.](#)

2. Document location of active nests, and if possible note the species.
3. Notify Lead Role Person of survey findings.

6.2 Practical Mitigation Options for Nests Near or On Distribution or Transmission Rights-of-Way.

For nests discovered during survey, or previously non-observed nests found after work has begun, the following practical mitigation should be utilized to protect nests with eggs or chicks.

- Delay Activity in the area if doing so will not compromise system security (i.e. safety or reliability). Reschedule work after chicks have fledged (approximately three weeks following hatching).

Establish buffer zone around nest site if the work can't be delayed (e.g. emergency response situation, or imminent threat to system security). Consult Table 3 for suitable buffer sizes. Once work is complete and access to the area is no longer required, materials used to mark the buffer zone must be removed.

6.2.1 Additional Mitigation Options for Nests in Trees.

If the mitigation measures outlined in 6.2 cannot be implemented (i.e. activity cannot be delayed) and the activity may directly impact an active nest in a tree, the following options should be considered to minimize impacts:

- Whenever possible use an aerial device to work on the tree
- If required to climb the tree, tie in and climb as far away as possible from the nest.
- Where possible, avoid tying to a limb that supports the nest or tying in a way that causes a rope to brush by a nest.
- Where possible, avoid climbing on the limb that supports the nest.
- On trees, only trim necessary branches and attempt to leave the branch with the nest intact.
- When performing trimming work, use the tool that will cause the least disruption to the nest, considering noise, vibration and length of time to perform the work.
- When practical, do not drop limbs/wood within the canopy of the tree containing the nest.

7.0 Management of Bird Nests within Distribution or Transmission Stations.

Table 4: Bird Nests in Stations Accountabilities and Instructions

Accountability		Instruction
	1	Nests in Stations
All Staff	1.1	Notify Station Services Specialist if nests are located on station property.
Station Services Specialist.	1.2	When nest discovered within a station: <ul style="list-style-type: none"> Assess nest to determine if it may create a hazardous situation such as an outage.
	1.3	<ul style="list-style-type: none"> Leave Non-hazardous intact and protect if required (e.g. establish buffer zone).
	1.4	<ul style="list-style-type: none"> If a nest is deemed hazardous arrange for a licensed contractor/exterminator to: a) obtain permit from the Canadian Wildlife Service (905) 336-4464 (905) 336-4533, and b) remove nest/ undertake additional actions, and.
	1.5	<ul style="list-style-type: none"> If required arrange for the installation of nesting deterrent devices (see HO0366 - R2 Installation of Anti-Animal Device for Capacitor Banks [4]).

8.0 References

- [FP 15](#) - Raptor Nest Management
- [SP 0304](#) - Requirements for Handling Woodpecker Nests in Poles
- “*Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales Forests Branch Ontario Ministry of Natural Resources March 18, 2010*” Summary of Section 4.2.2 Bird Nest Sites (pgs 62-90); and Appendix 4.2 Assessing the Potential Impact of Forest Management Operations on Nesting Birds (pgs 192-193).
- [HO0366](#) - R2 Installation of Anti-Animal Device for Capacitor Banks

9.0 Document History

This document will be reviewed every five years or more frequently as required.

Version #	Date	Brief Description of Revisions
R0	April 11, 2011	New - This procedure was created to establish the Networks requirements for protecting bird nests and eggs.

10.0 Document Authorization

Recommended Jim Ferguson, Sr. Network Management Eng/Officer, April 15, 2011

by:

Approved by: John Macnamara, VP Health Safety Environment, April 15, 2011

Effective Date: April 15, 2011

Active Nest Buffer Zones – Source “*Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales Forests Branch Ontario Ministry of Natural Resources Mar. 18, 2010*”

Species	Impact vs Buffer Zone			Breeding period (times for potentially active nests)
	Low Impact	Med Impact	High Impact	
Nests of Songbirds (non-endangered, threatened or Special Concern species)	3 m			Mar 15 – Aug 31
Great blue heron	75m	150m	300m	Mar 15-Aug15
Osprey (see section 4 Raptor Nests)	75m	150m	300m	Apr 1- Aug 31
Bald Eagle (see section 4 Raptor Nests)	100m	200m	300m	Feb 15-Aug 31
Bonaparte’s Gull	40m	75m	150m	May 1-Aug 31
Bank Swallow	10m	25m	50m	May 1 – July 31
Barred Owl (stick nest)	50m	100m	200m	Mar 15- July 15
Barred Owl (cavity nest)	25m	50m	100m	
Long-eared Owl	50m	100m	200m	Mar 15- July 15
Northern Goshawk	50m	100m	200m	Mar 15 – July 15
Red-shouldered Hawk	50m	100m	200m	Mar 15 – July 15
Broad-winged Hawk	25m	50m	100m	Apr 1 – July 31
Great Horned Owl (stick nest)	25m	50m	100m	Feb 1 – May 31
Great Horned Owl (Cavity Nest)	10m	25m	50m	
Red-Tailed Hawk (Refer to Section 4 on Raptor Nests)	25m	50m	100m	Mar 15 – July 15
Common Raven	10m	25m	50m	Feb 15 – June 15
Merlin	10m	25m	50m	Apr 1 – July 31
Turkey Vulture	40m	75m	150m	May 1 – Aug 31
Short-eared Owl	25m	50m	100m	Mar 15- July 15
Northern Harrier	10m	25m	50m	Apr 1 – July 31
Waterfowl, Grouse, Wild Turkey	10m			Mar 15- Aug 31

Low Potential Impact	Moderate Potential Impact	High Potential Impact
<ul style="list-style-type: none"> * Aerial application of herbicides * Site inspections * Hauling * Maintaining access roads 	<ul style="list-style-type: none"> * Ground (air-blast) herbicide application * Small crew using brushsaws 	<ul style="list-style-type: none"> * Large scale harvest of trees * Mechanical site preparation * Road construction

1 **Chippewas of the Thames First Nation (COTTFN) INTERROGATORY #4 List 1**

2
3 **Interrogatory**

4
5 **Reference:**

- 6
7 (a) Exhibit A, Tab 1, Schedule 1, Page 3 of 5
8 (b) Exhibit A, Tab 3, Schedule 1, Page 3 of 4
9 (c) Exhibit B, Tab 6, Schedule 5, Page 1 of 4
10 (d) Exhibit B, Tab 6, Schedule 5, Page 2 of 4
11 (e) Ontario's Long-Term Energy Plan, pp. 48-49

12
13 **Preamble:**

- 14
15 • Reference (a) provides that "Hydro One is undertaking the procedural aspects of
16 consultation with potentially-affected First Nations and Métis communities on
17 behalf of the Crown...Hydro One has therefore contacted First Nations
18 communities identified by the Crown to provide notification of the project and to
19 extend an offer to meet to discuss the project with Hydro One."
20 • Reference (b) provides that Hydro One has contacted each of the eight First Nation
21 communities identified by the Ministry of Energy, and has taken steps to follow up
22 with them on any concerns that they may have in reference to the proposed Project.
23 • Reference (c) provides that Hydro One is "undertaking the procedural aspects of
24 Consultation with potentially affected First Nations communities on behalf of the
25 Crown throughout the completion of the Project."
26 • Reference (c) also indicates that in a letter to Hydro One dated August 12, 2011, the
27 Ontario Ministry of Energy identified Chippewas of the Thames as a First Nation
28 having known or asserted Aboriginal or Treaty rights in the proposed Project area.
29 • Reference (d) provides that Hydro One's engagement activities include, inter alia,
30 meeting with First Nation communities to provide Project-related information and
31 to address any concerns, issues or questions about the Project, and giving
32 consideration to all issues and concerns raised by First Nation communities as to
33 how the Project may affect their interests, addressing any potentially affected First
34 Nation interests, and communicating the results of such consideration clearly to
35 First Nation communities.

36
37 Reference (e) provides that:

- 38
39 • "First Nation and Métis communities have diverse energy needs and interests. Ontario
40 will work to ensure there is a wide range of options for Aboriginal participation in
41 Ontario's energy future."
42

- 1 • “Ontario also recognizes that Aboriginal communities have an interest in economic
2 benefits from future transmission projects crossing through their traditional territories
3 and that the nature of this interest may vary between communities.”
4 • “There are a number of ways in which First Nation and Métis communities could
5 participate in transmission projects”. Ontario will expect opportunities to be explored
6 to:
7
8 ○ “Provide job training and skills upgrading to encourage employment on the
9 transmission project development and construction.
10 ○ Further Aboriginal employment on the project.
11 ○ Enable Aboriginal participation in the procurement of supplies and contractor
12 services.”
13

14 **Questions/Requests:**

- 15
16 1. Please identify which Ontario Crown ministry, department or agency is responsible
17 for Crown consultation with COTTFN in respect of the proposed Project.
18
19 2. Please provide a consultation log (table) documenting all Hydro One engagement
20 activities with COTTFN on the proposed Project. Please include the following
21 information:
22 (a) Event and date (i.e. telephone calls, e-mails, letters, meetings, etc.);
23 (b) Issues raised by COTTFN;
24 (c) Steps taken by Hydro One to address COTTFN’s concerns; and
25 (d) Remaining / outstanding COTTFN concerns not addressed by Hydro One.
26
27 3. What funding has been provided to COTTFN by Hydro One to enable or to facilitate
28 meaningful consultation between COTTFN and Hydro One?
29
30 4. What steps has Hydro One taken to determine whether the proposed Project may
31 adversely impact COTTFN’s Aboriginal and Treaty rights?
32
33 5. What conclusions or findings has Hydro One reached on whether the proposed
34 Project may adversely impact COTTFN’s Aboriginal and Treaty rights?
35
36 6. Has the Ontario Crown made any determinations on whether the proposed Project
37 may adversely impact COTTFN’s Aboriginal and Treaty rights?
38
39 7. If so, please provide any determinations, conclusions or other Crown communications
40 to Hydro One on this issue.
41
42 8. What steps has Hydro One taken to ensure that COTTFN is able to benefit
43 economically from the proposed Project which crosses through its traditional
44 territory?

- 1 9. Has Hydro One provided job training and skills upgrading to encourage employment
2 of COTTFFN members on the development and construction of the proposed Project?
3
- 4 10. What steps has Hydro One taken to further Aboriginal employment on the proposed
5 Project?
6
- 7 11. What steps has Hydro One taken to further employment of COTTFFN members on the
8 proposed Project?
9
- 10 12. What steps has Hydro One taken to encourage Aboriginal participation in the
11 procurement of supplies and contractor services for the proposed Project?
12
- 13 13. What steps has Hydro One taken to encourage COTTFFN member participation in the
14 procurement of supplies and contractor services for the proposed Project?
15
- 16 14. Have the costs of implementing the measures in questions 8-13 been included in the
17 estimated cost of the proposed Project?
18

19 **Response**
20

- 21 1. This Project is subject to *Environmental Assessment Act* approval in accordance with
22 the *Class Environmental Assessment for Minor Transmission Facilities* which is
23 under the realm of the Ontario Ministry of Environment (“MOE”). Hydro One, as
24 noted in the prefiled evidence (Exhibit A, Tab 1, Schedule 1,#10), is undertaking the
25 procedural aspects of consultation with potentially impacted First Nations and Métis
26 communities on behalf of the Crown.
27
- 28 2. Attachment 1 provides a complete listing of all of Hydro One’s interactions, along
29 with a compilation of correspondence, meetings notes or minutes, as may be
30 appropriate, with Chippewas of the Thames regarding the Project.
31
- 32 3. To date no funding has been provided to the Chippewas of the Thames as they have
33 not requested any funding to participate in consultation regarding the Project. Hydro
34 One continues to be willing to discuss any further questions or concerns with
35 Chippewas of the Thames regarding the Project.
36
- 37 4. The following steps have been taken by Hydro One to determine whether the
38 proposed Project may adversely impact COTTFFN’s Aboriginal and Treaty rights:
39
 - 40 • Projects of this nature are carried out under the *Class Environmental Assessment*
41 (*EA*) for *Minor Transmission Facilities*, approved under the provincial
42 Environmental Assessment Act. This project underwent an initial Environmental
43 Screening as the environmental effects of this undertaking are minor. Hydro One

1 completed an Environmental Screening in compliance with this approval process
2 and notified the Ministry of Environment upon completion on March 9, 2012;
3 • A Stage 1 Archaeological Assessment was completed for the entire transmission
4 right-of-way between Lambton and Longwood;
5 • Engagement with First Nations communities identified by the Crown, as
6 described in Exhibit B, Tab 6, Schedule 5 of Hydro One's application, and in
7 Attachment 1 to this exhibit;
8 • Through written correspondence, Chippewas of the Thames has expressed that the
9 proposed Project lies within their traditional territory and there may be potential
10 impacts on their rights caused by the Project. Chippewas of the Thames requested
11 to meet with Hydro One to discuss these potential impacts and how they might be
12 mitigated and/or accommodated. Attachment 1 summarizes Hydro One's efforts
13 to respond to Chippewas of the Thames' request to meet and further understand
14 their interests and concerns with the Project. Hydro One met with Chippewas of
15 the Thames on May 31, 2012 to present Project information and answer questions
16 related to the Project.

17
18 5. Given that all work for this Project will be conducted on the existing right-of-way,
19 there will be no significant disturbance of land. Hydro One is of the view that the
20 potential of this re-conducting Project to have any adverse effects on Aboriginal
21 rights is nil to negligible. Hydro One remains willing to hear any issues or concerns.

22
23 To date, the only specific concern that has been raised by Chippewas of the Thames
24 First Nation is regarding Species at Risk potentially impacted by the Project. At the
25 May 31, 2012 meeting, Chippewas of the Thames expressed concerns about birds
26 such as eagles migrating back to the area and inquired if birds were considered in the
27 Species at Risk aspect of the Environmental Assessment for this Project. Hydro One
28 explained that Hydro One met with the Ministry of Natural Resources to discuss
29 potential Species at Risk in the Project area and were provided with construction
30 mitigation methods to protect the species and habitat. Hydro One encouraged
31 Chippewas of the Thames to share any additional relevant information regarding
32 environmental concerns and/or issues they would like to discuss further with Hydro
33 One.

34
35 6. Hydro One is unaware of any determinations made by the Ontario Crown regarding
36 whether the proposed Project may adversely impact the Chippewas of the Thames
37 First Nation Aboriginal and Treaty rights.

38
39 7. Not applicable.

40
41 8. With respect to the economic benefits to COTTFN, during the planning and design
42 phase of the Project, Hydro One facilitated the hiring of one monitor from Chippewas
43 of the Thames to be paid to work with the consultants and monitor the Stage 2
44 archaeology work.

1 9. During the construction phase of the Project, due to the technical nature of the re-
2 conducting work and the need to use Live Line construction method, all work will
3 be carried out by Hydro One personnel. Hydro One is committed to increasing the
4 representation of qualified First Nations and Métis employees at all levels in our
5 workforce. Hydro One has a dedicated individual who assists in Aboriginal outreach
6 and recruitment. Hydro One's Aboriginal Recruitment Consultant can provide
7 interested First Nations and Métis people and communities with the necessary
8 information needed to learn about Hydro One's workplace, what our requirements are
9 and how to apply.

10
11 10. With respect of Aboriginal employment, during the planning and design phase of the
12 Project, Hydro One facilitated the hiring of one monitor from Chippewas of the
13 Thames and one monitor from Oneida Nation of the Thames to be paid to work with
14 the consultants and monitor the Stage 2 archaeology work.

15
16 During the construction phase of the Project, due to the technical nature of the re-
17 conducting work and the need to use Live Line construction method, all work will
18 be carried out by Hydro One Personnel. Hydro One is committed to increasing the
19 representation of qualified First Nations and Métis employees at all levels in our
20 workforce. Hydro One has a dedicated individual who assists in Aboriginal outreach
21 and recruitment. Hydro One's Aboriginal Recruitment Consultant can provide
22 interested First Nations and Métis people and communities with the necessary
23 information needed to learn about Hydro One's workplace, what our requirements are
24 and how to apply.

25
26 11. Please see the response to #8 above.

27
28 12. Procurement and contracting opportunities for this Project have not yet been posted
29 on Hydro One's Bidder Information Database ("BID") System pending OEB
30 approval of the S.92 Application. Hydro One is willing to work with interested
31 Aboriginal communities and businesses to understand their interests regarding
32 procurement opportunities and provide information and resources related to accessing
33 available opportunities. Hydro One is committed to ensuring opportunities exist for
34 First Nations and Métis communities to play a role in Hydro One's procurement
35 process and activities.

36
37 Potential suppliers who would like to become involved in the Hydro One bidding
38 process must first be registered on Hydro One's BID System. Hydro One's BID
39 System enables potential vendors to view and apply online for Request for Quotes,
40 Tenders, Proposals, Information, or Qualifications (RFxs). All bidders are required to
41 register on the BID System and log in to search or apply for open RFxs. Suppliers
42 seeking to do business with Hydro One must meet all health, safety and
43 environmental standards, insurance coverage, including WSIB where applicable, that

Filed: June 29, 2012

EB-2012-0082

Exhibit I

Tab 2

Schedule 4

Page 6 of 6

1 will be stated within each RFX package. All suppliers must also adhere to Hydro
2 One's Code of Business Conduct.

3

4 13. Please see the response to #12 above.

5

6 14. Yes, the costs of implementing the measures in questions 8 -13 have been included in
7 the estimated costs.

Record of Activities

Event and Date	Issues Raised by COTTFN	Steps taken by Hydro One to address COTTFN's concerns	Remaining/Outstanding COTTFN concerns not addressed by Hydro One
<p>September 1, 2011 – Hydro One sent Project notification letter via email and xpresspost to Chief Miskokomon of COTTFN</p>		<p>Hydro One offered to meet to discuss the Project further.</p>	<p>None</p>
<p>September 28, 2011 – Hydro One meeting with Chief Miskokomon</p>	<p>Real Estate matters</p>	<p>At meeting, Hydro One mentioned the planned Lambton to Longwood Transmission Upgrade Project. Via email on October 19, 2011, Hydro One followed up with COTTFN to explain Project details and offer to meet to discuss the Project further.</p>	<p>Real estate matters</p>
<p>January 6, 2012 – Hydro One sent invitation (dated June 4, 2012) to Public Information Centres via email and xpresspost to Chief Miskokomon of COTTFN.</p>		<p>Public Information Centre's held on January 18, 2012 and January 19, 2012.</p>	<p>None</p>
<p>January 20, 2012 – Raymond Deleary of COTTFN sent letter to Hydro One.</p>	<p>In response to project notification letter indicated the proposed development lies within COTTFN traditional territory and there may be potential impacts to</p>	<p>Follow up attempts via phone to Raymond Deleary were made by Hydro One on January 31, 2012, February 2, 2012, February 6, 2012, February 7, 2012 and February 13, 2012 to suggest potential meeting dates.</p> <p>Hydro One followed up on February 10, 2012 by email to suggest meeting dates.</p>	<p>None</p>

Event and Date	Issues Raised by COTTFN	Steps taken by Hydro One to address COTTFN's concerns	Remaining/Outstanding COTTFN concerns not addressed by Hydro One
	<p>COTTFN rights.</p> <p>Request for Hydro One to contact consultation staff to discuss the Project.</p>		
<p>February 6, 2012 – Raymond Deleary of COTTFN sent letter to Hydro One.</p> <p>Hydro One received letter in mail on May 25, 2012.</p>	<p>Letter indicated the Project lies within COTTFN traditional territory and that there may be potential impacts of rights. Requested Hydro One contact COTTFN consultation staff.</p>	<p>Hydro One contacted Rolanda Elijah on May 25, 2012 via phone and email to follow up on letter received. Hydro One indicated that the letter dated February 6, 2012 had been received by Hydro One on May 25, 2012 and confirmed meeting for May 31, 2012.</p>	<p>None</p>
<p>February 15, 2012 – Hydro One sent letter via Canpar to Raymond Deleary of COTTFN</p>		<p>Hydro One offered to meet with COTTFN to discuss the Project.</p>	<p>None</p>
<p>March 28 – May 2012 – Rolanda Elijah of COTTFN emailed Hydro One.</p>	<p>COTTFN interest in having archaeology monitors present for Project.</p>	<p>Hydro followed up with COTTFN by phone on May 28, 2012.</p> <p>Emails exchanged between Hydro One and Rolanda Elijah on April 3, April 10, and April 25, 2012 to coordinate having a member of COTTFN participate as a monitor during Archaeology work.</p>	<p>None</p>

Event and Date	Issues Raised by COTTFN	Steps taken by Hydro One to address COTTFN's concerns	Remaining/Outstanding COTTFN concerns not addressed by Hydro One
		Hydro One and Timmins Martelle Heritage Consultants Inc. arranged for one member of COTTFN to monitor the Project Archaeology work.	
May 8, 2012 – Rolanda Elijah of COTTFN sent email to Hydro One regarding Hydro One's OEB Section 92 Submission	Requested a presentation be made to Lands and Environment staff regarding the Project.	May 8, 2012, Hydro One followed up with Fallon Burch of COTTFN via phone call to set up a meeting. Hydro One followed up via email correspondence with Fallon Burch to confirm meeting. Emails exchanged on May 14, 16, 18, 22, 23 and 25, 2012. Meeting date confirmed for May 31, 2012.	None
May 31, 2012 – meeting between COTTFN Lands and Environment and Hydro One	Project construction schedule. Species at Risk Opportunities for COTTFN to participate in FIT. OEB process. Hydro One's pre-FIT consultation process. COTTFN requested follow up meeting with	On June 4, 2012, Hydro One followed via email with Rolanda Elijah of COTTFN regarding Action items resulting from May 31, 2012 meeting. All Hydro One action items have been complete. Rolanda Elijah, replied via email on June 5, 2012 indicating that the action items provided by Hydro One cover the main discussion points of inquiry.	Follow up meeting to be scheduled.

Event and Date	Issues Raised by COTTFN	Steps taken by Hydro One to address COTTFN's concerns	Remaining/Outstanding COTTFN concerns not addressed by Hydro One
	Hydro One and agreed to provide suggested meeting dates and agenda items.		
June 6, 2012 – Hydro One responded to email from Rolanda Elijah of COTTFN regarding OEB process.	COTTFN outstanding questions regarding the OEB process.	Hydro One responded via email on June 6, 2012 to COTTFN to further explain the OEB process for the Project.	None
June 12, 2012 – Rolanda Elijah of COTTFN emailed Hydro One.	COTTFN interest in accompanying Hydro One during sustainment work.	Hydro One exchanged emails with COTTFN on June 15, 2012 to coordinate a suitable date for the site visit.	Date to be confirmed

**LAMBTON TO LONGWOOD
NOTIFICATION TO COTTEN**

JONES Ashley

From: JONES Ashley
Sent: Thursday, September 01, 2011 1:53 PM
To: 'chief@cottfn.ca'
Cc: STAITE Patricia; JACOBSEN Ian; JONES Ashley
Subject: Lambton to Longwood Transmission Upgrade Class Environmental Assessment
Attachments: Lambton x Longwood Class EA Notification Letter to Chippewas of the Thames First Nation.pdf; Lambton x Longwood Study Area Map.pdf; Lambton x Longwood Fax Back Form.pdf

Good Afternoon Chief Miskokomon,

Hydro One Networks Inc. (Hydro One) is planning to upgrade approximately 70 kilometres of an existing two-circuit 230 kilovolt (kV) transmission line in southwestern Ontario. The line extends from Lambton Transformer Station (TS) in the Township of St. Clair to Longwood TS in the Township of Strathroy-Caradoc. Please see attached for the Notification Letter, Project Location Map and Fax Back Form.

If you would like to learn more about this project and provide input as part of the Environmental Assessment process we would be pleased to meet with you to discuss your interests. A hard copy of the attached documents will follow shortly in the mail via Canada Post Express Post.

Thank you for your time, we look forward to hearing from you.

Kind Regards,
Ashley Jones

Ashley M. Jones
Environmental Planner
Hydro One Networks Inc.
(T) 416.345.4155
(E) Ashley.Jones@HydroOne.com

Hydro One Networks Inc.
483 Bay Street
ICT4, South Tower
Toronto, Ontario, M5G 2P5
www.HydroOneNetworks.com

Tel: (416)-345-6597
Fax: (416)-345-6919
Cell: (416)-525-1051



Brian McCormick
Manager, Environmental Services and Approvals

September 1, 2011

Chief Joe Miskokomon
Chippewas of the Thames First Nation
320 Chippewa Road
R.R. # 1
Muncey, Ontario, N0L 1Y0

Re: Lambton to Longwood Transmission Upgrade Class Environmental Assessment

Dear Chief Miskokomon:

This letter is to inform you that Hydro One Networks Inc. (Hydro One) is planning to upgrade approximately 70 kilometres of an existing two-circuit 230 kilovolt (kV) transmission line in southwestern Ontario. The line extends from Lambton Transformer Station (TS) in the Township of St. Clair to Longwood TS in the Township of Strathroy-Caradoc, as shown on the attached map. This project was identified as a priority in Ontario's Long Term Energy Plan, and is required to increase capacity of the transmission system in the area west of London.

This project will involve replacing the conductor (wire) on the existing Lambton TS to Longwood TS L24L/L26L circuits with a higher capacity conductor, and replacing associated insulators and hardware. Hydro One may also take the opportunity to replace a number of aging transmission towers to ensure the long-term integrity of this important transmission facility. All work will be conducted on the existing right-of-way and there will be no noticeable difference in the appearance of the transmission line after the project has been completed. Construction is scheduled to begin during the spring of 2013 and be completed by the beginning of 2014.

Projects of this nature are carried out under the *Class Environmental Assessment (E.A) for Minor Transmission Facilities* approved under the provincial *Environmental Assessment Act*, and this project is also subject to approval in accordance with Section 92 (Leave to Construct) of the *Ontario Energy Board Act*. This project will undergo an initial Environmental Screening process as the anticipated environmental effects of this undertaking are minor. If the potential for significant effects is identified through the screening process, Hydro One will evaluate the need for undertaking a full Class Environmental Assessment. We look carefully at potential effects and determine measures to eliminate or reduce them. All mitigation and restoration activities will follow Hydro One's Environmental Guidelines for Construction and Maintenance of Transmission Facilities.

Public consultation is an important part of the Class EA process, and we welcome input from First Nations and Métis communities, government agencies and the public. If you would like to learn more about this project and provide input as part of the Environmental Assessment process, we would be pleased to meet with you to discuss your interests.

For our records, please complete and return the attached Project Participation Form indicating whether or not you want to provide input to the project and the appropriate contact person. In the interim, if you have any questions please feel free to contact me at 416-345-6597, or Patty Staite, Environmental Planner at 416-345-6686.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian J. McCormick", written over a circular stamp or seal.

Brian J. McCormick, Manager
Environmental Services & Approvals

cc: Ian Jacobsen, Sr. Manager, First Nations & Métis Relations, Hydro One

Attachments (2)

JONES Ashley

From: STAITE Patricia
Sent: Wednesday, June 20, 2012 2:27 PM
To: JONES Ashley
Subject: FW: Lambton x Longwood TX Upgragde Project CRM:0014001
Attachments: Lambton x Longwood Class EA Notification Letter to Chippewas of the Thames First Nation.pdf; Lambton x Longwood Study Area Map.pdf; Lambton x Longwood Fax Back Form.pdf

From: JACOBSEN Ian
Sent: Wednesday, October 19, 2011 10:34 AM
To: brivers@cottfn.ca
Cc: STAITE Patricia; karen.frecker@powerauthority.on.ca; GOULAIS Christine; JACOBSEN Ian
Subject: Lambton x Longwood TX Upgragde Project

Good morning Brenda,

I hope this message finds you well. As was mentioned at our September 28th meeting with Chief Miskokomon, Hydro One is planning to upgrade approximately 70 Km of an existing two-circuit 230 Kilovolt (kV) transmission line in extending from Lambton Transformer Station (ST) in the Township of St. Clair to Longwood TS in the Township of Strathroy-Caradoc. I've attached the original Project Notification letter which was sent to the Chippewas of the Thames First Nation on September 1st, 2011 and the Project Study Area Map for your reference.

The project is being carried out under the Class Environmental Assessment (EA) for Minor Transmission Facilities approved under the provincial *Environmental Assessment Act* and is also subject to approval in accordance with *Section 92 (Leave to Construct) of the Ontario Energy Board Act*.

Public consultation is an important part of the Class EA process and Hydro One welcomes an opportunity to meet with the Chippewas of the Thames to share information and to receive any input regarding the project.

Please provide some meeting date options beginning the week of October 31st if Chief and Council are interested in meeting with Hydro One staff to discuss this project.

Please feel free to contact me should you have any questions or require further information.

I look forward to hearing from you.

Kind regards,

Ian

Ian Jacobsen – Senior Manager
 First Nations & Métis Relations

Hydro One Networks Inc.
 483 Bay Street, 5th Floor | Toronto ON | M7A 2E6
 T: 416.345.4360 | F: 416.345.6600
 E: Ian.Jacobsen@HydroOne.com

Web: www.hydroone.com/firstnationsmetis

 Please consider the environment before printing this email

JONES Ashley

From: JONES Ashley
Sent: Friday, January 06, 2012 2:42 PM
To: 'chief@cottfn.com'
Cc: STAITE Patricia; JACOBSEN Ian; JONES Ashley
Subject: FW: Lambton to Longwood Transmission Upgrade Class Environmental Assessment Invitation to Public Information Centre
Categories: Lambton x Longwood
Attachments: Lambton x Longwood NOC PIC Chippewas of the Thames First Nation.pdf; Lambton x Longwood ad_10 25 x 11 43_final.pdf

Good Afternoon Chief Miskokomon,

I am writing to advise you that Hydro One has begun planning and will be seeking Ontario Energy Board approval upgrade an existing transmission line between our Lambton and Longwood stations. We will be holding Public Information Centres to introduce the project to local residents on January 18 in Glencoe and January 19 in Brigden as noted in the attached newspaper advertisement which will appear in regional papers next week. Please see attached for the Notification Letter and Public Information Centre Invitation with Project Location Map. A hard copy the attached documents will follow shortly in the mail.

Interested parties are invited to attend one of our public information centres to learn more about the project and to provide comments to our project team.

Wednesday, January 18, 2012
 5:00pm-8:00pm
 Southwest Middlesex Arena, Auditorium
 138 Mill Street, Glencoe

Thursday, January 19, 2012
 5:00pm-8:00pm
 Brigden Community Hall
 3016 Brigden Road, Brigden

If you have any questions or concerns, please contact myself at 416-345-4155 or Patty Staite at 416-345-6686.

Kind Regards,

Ashley Jones
 416-345-4155

From: JONES Ashley
Sent: Thursday, September 01, 2011 1:53 PM
To: 'chief@cottfn.ca'
Cc: STAITE Patricia; JACOBSEN Ian; JONES Ashley
Subject: Lambton to Longwood Transmission Upgrade Class Environmental Assessment

Good Afternoon Chief Miskokomon,

Hydro One Networks Inc. (Hydro One) is planning to upgrade approximately 70 kilometres of an existing two-circuit 230 kilovolt (kV) transmission line in southwestern Ontario. The line extends from Lambton Transformer Station (TS) in the Township of St. Clair to Longwood TS in the Township of Strathroy-Caradoc. Please see attached for the Notification Letter, Project Location Map and Fax Back Form.

If you would like to learn more about this project and provide input as part of the Environmental Assessment process we would be pleased to meet with you to discuss your interests. A hard copy of the attached documents will follow shortly in the mail via Canada Post Express Post.

Thank you for your time, we look forward to hearing from you.

Kind Regards,
Ashley Jones

Ashley M. Jones
Environmental Planner
Hydro One Networks Inc.
(T) 416.345.4155
(E) Ashley.Jones@HydroOne.com

Hydro One Networks Inc.
483 Bay Street
TCT4, South Tower
Toronto, Ontario, M5G 2P5
www.HydroOneNetworks.com

Tel: (416)-345-6597
Fax: (416)-345-6919
Cell: (416)-525-1051



Brian McCormick
Manager, Environmental Services and Approvals

January 4, 2012

Chief Joe Miskokomon
Chippewas of the Thames First Nation
320 Chippewa Road
R.R. #1
Muncey, Ontario, N0L 1Y0

**Re: Lambton to Longwood Transmission Upgrade Class Environmental Assessment
Invitation to Public Information Centre**

Dear Chief Miskokomon:

This letter is to update you regarding Hydro One Networks Inc. (Hydro One) plan to upgrade approximately 70 kilometres of an existing two-circuit 230 kilovolt (kV) transmission line in southwestern Ontario. The line extends from Lambton Transformer Station (TS) in the Township of St. Clair to Longwood TS in the Township of Strathroy-Caradoc, as shown on the attached newspaper Ad. This project is required to increase capacity on the transmission system for additional power from renewable sources, consistent with the Province of Ontario's Long Term Energy Plan.

Hydro One's work will involve replacing the conductor (wire) and associated hardware, such as insulators, on the existing transmission line. Hydro One will also undertake, as required, maintenance and/or replacement of selected tower foundations and components to ensure the long term integrity and reliability of this transmission line. All work will be conducted on the existing right-of-way and there will be no noticeable difference in the appearance of the transmission line after the project has been completed. Construction is scheduled to begin during the spring of 2013 and be completed by the end of 2014.

Projects of this nature are carried out under the *Class Environmental Assessment (EA) for Minor Transmission Facilities* approved under the provincial *Environmental Assessment Act*, and this project is also subject to approval in accordance with Section 92 (Leave to Construct) of the *Ontario Energy Board Act*. This project will undergo an Environmental Screening. Screening criteria will be used to assess the potential significance of effects. If significant effects cannot be avoided, Hydro One will carry out a full Class Environmental Assessment process. All mitigation and restoration activities will follow Hydro One's Environmental Guidelines for Construction and Maintenance of Transmission Facilities.

Public consultation is an important part of the Class EA process, and we welcome input from First Nations and Métis communities, government agencies and the public. If you would like to learn more about this project and provide input as part of the Environmental Assessment process, we would be pleased to meet with you to discuss your interests.

A Public Information Centre (PIC) is scheduled for January 18, 2012 at the Southwest Middlesex Arena in Glencoe and on January 19, 2012 at the Brigden Community Hall in Brigden, to provide interested parties the opportunity to learn more about the project and discuss any issues or concerns with our Project Team. Please see the enclosed newspaper ad for details.

If you have any questions please feel free to contact me at 416-345-6597, or Patty Staite, Environmental Planner at 416-345-6686.

Sincerely,



Brian J. McCormick, Manager
Environmental Services & Approvals

cc: Ian Jacobsen, Sr. Manager, First Nations & Métis Relations, Hydro One

Attachments (1)

Notice of Commencement and Invitation to Public Information Centre

Lambton to Longwood Transmission Upgrade Class Environmental Assessment

Hydro One Networks Inc. ("Hydro One") invites you to a Public Information Centre to learn more about plans to upgrade an existing double-circuit 230 kilovolt transmission line. The transmission line, as shown on the map below, connects Lambton Transformer Station (TS) in the Township of St. Clair with Longwood TS in the Municipality of Strathroy-Caradoc.

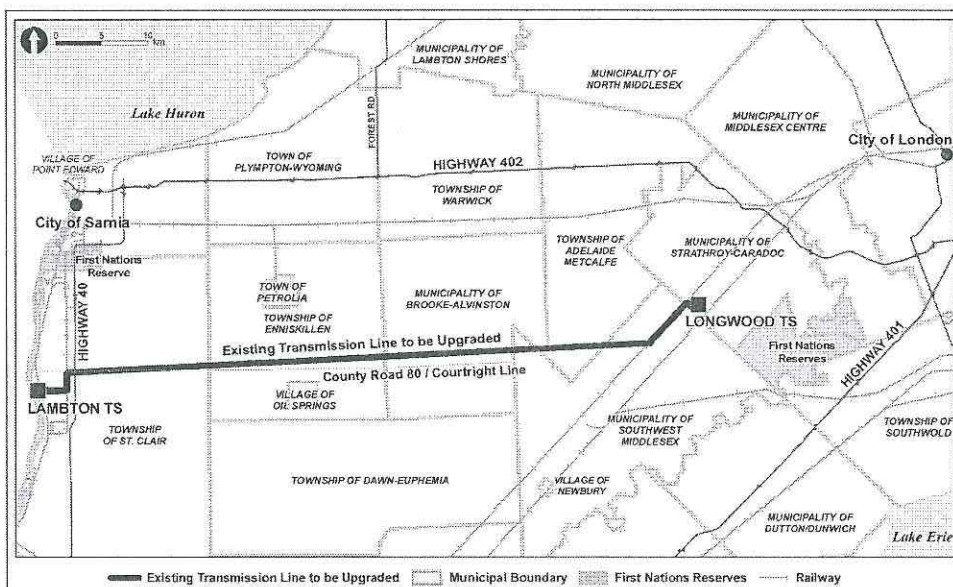
Consistent with the Province of Ontario's Long-Term Energy Plan, this project is required by the end of 2014 to increase capacity of the transmission system west of London to carry additional power from renewable, gas and other sources. The project involves replacing the conductor (wire) and insulators on the existing transmission towers. Hydro One will also repair selected tower foundations to ensure the long-term structural integrity of the transmission line.

Project Planning and Approvals

This project is being planned in accordance with the *Class Environmental Assessment for Minor Transmission Facilities*. The project will undergo an initial Environmental Screening. Screening criteria will be used to assess the potential significance of effects. If significant effects cannot be avoided, Hydro One will carry out a full Class Environmental Assessment.

The project will also require approval under Section 92 of the *Ontario Energy Board Act, 1998*. The Ontario Energy Board regulates the electricity sector in Ontario and will review Hydro One's "Leave to Construct" application to determine if the construction and operation of the proposed project is in the public interest.

Opportunities for public input exist throughout both the environmental planning and Ontario Energy Board review processes.



Public Information Centres

Interested parties are invited to attend one of our public information centres to learn more about the project and to provide comments to our project team. Please join us on:

Wednesday, January 18, 2012

5:00 p.m. – 8:00 p.m.
Southwest Middlesex Arena, Auditorium
138 Mill Street, Glencoe

Thursday, January 19, 2012

5:00 p.m. – 8:00 p.m.
Brigden Community Hall
3016 Brigden Road, Brigden

For More Information

If you have any questions or want to be added to the project mailing list, please contact:

Carrie-Lynn Ognibene, Community Relations
Hydro One Networks Inc.
Tel: 1-877-345-6799
E-mail: Community.Relations@HydroOne.com
www.HydroOne.com/projects



Partners in Powerful Communities



CHIPPEWAS OF THE THAMES FIRST NATION

January 20, 2012

Patty Staite
Hydro One Networks Inc.
483 Bay Street
TCT4, South Tower
Toronto, Ontario, M5G 2P5

Dear Mrs. Staite

Re: LAMBTON TO LONGWOOD TRANSMISSION UPGRADE CLASS ENVIRONMENTAL ASSESSMENT

Thank you for your letter notifying the Chippewas of the Thames First Nation ("COTTFN") about your proposed initiative. We refer to ourselves as Ojibwe and are a part of a larger group of Anishinaabe (people) that come from the Algonkian language family. COTTFN is a sovereign and self-governing nation residing on land that has never been ceded. Through a series of Treaties made with the Crown, our people agreed to share our duties and responsibilities over our traditional territory to protect our rights in these lands.

At the time of our Treaties with the Crown, our people moved freely throughout the Southern Great Lakes Area utilizing the land, waterways and air for the abundant resources that sustained the people of our Nation. Historically the Canadian and provincial governments have tried to undermine Anishinaabe government based on a denial of our inherent jurisdiction; however in recent years, that has changed with the recognition and entrenchment of our rights in the *Constitution Act, 1982*, and the Supreme Court of Canada decisions that have clearly identified a duty to consult where our rights may potentially be impacted. This duty belongs to the Crown and the Crown alone is responsible for ensuring the duty has been adequately discharged; however, as the proponent, we understand that some of the procedural elements of that duty have been delegated to you.

Your proposed development lies within our traditional territory. As there may be potential impacts to the exercise of our rights caused by your initiative, we appreciate the opportunity to discuss with you

320 Chippewa Road, Muncay, ON, N0L 1Y0
Ph. 519-289-6555 Fax. 519-289-2230
info@cottfn.ca www.cottfn.com



CHIPPEWAS OF THE THAMES FIRST NATION

what these potential impacts may be how they might be mitigated and/or accommodated. COTTFN seeks to establish strong working relationships with any proponent who respects Anishinaabe values and principles. We further appreciate that the cooperation and support of the COTTFN will help provide certainty and minimize risk in the regulatory processes and we therefore look forward to working with you to attain an arrangement that is mutually beneficial as our Treaties intended.

Upon receipt of this letter we would ask you to contact our consultation staff who will be pleased to discuss the framework for review of your initiative. Please contact the undersigned at the address on this letterhead.

Sincerely,



Raymond Deleary
Sr. Policy Analyst

320 Chippewa Road, Muncey, ON, N0L 1Y0
Ph. 519-289-5555 Fax. 519-289-2230
info@cottfn.ca www.cottfn.com

JONES Ashley

From: JONES Ashley
Sent: Wednesday, February 08, 2012 8:44 AM
To: 'info@cottfn.ca'
Cc: STAITE Patricia; JONES Ashley
Subject: Request for meeting re: Lambton x Longwood Transmission Upgrade
Attachments: Lambton x Longwood Request for Meeting Letter COTTFN.pdf

Good morning,

This email is for Raymond Deleary. I am responding to your letter, dated January 20, 2012 regarding the Lambton x Longwood Transmission Upgrade project (attached). We would be pleased to meet with you and discuss any questions or concerns you may have with this project. If you have any specific concerns or meeting agenda topics you would like to share with me, I can ensure I have the appropriate Hydro One representatives at the meeting.

Some dates we are suggesting include February 13, 17 and 21st. Please let me know if any of these dates work for you, or provide some alternative dates that would be more convenient.

I can be reached at 416-345-4155 or at ashley.jones@hydroone.com

I'm looking forward to hearing back from you, have a good day!

Kind Regards,

Ashley M. Jones
Environmental Planner
Hydro One Networks Inc.
(T) 416.345.4155
(E) Ashley.Jones@HydroOne.com

JONES Ashley

From: JONES Ashley
Sent: Friday, February 10, 2012 11:55 AM
To: 'info@cottfn.com'
Cc: STAITE Patricia
Subject: Request for meeting re: Lambton x Longwood Transmission Upgrade
Attachments: Lambton x Longwood Request for Meeting Letter COTTFN.pdf

Good morning,

This email is for Raymond Deleary. I am responding to your letter, dated January 20, 2012 regarding the Lambton x Longwood Transmission Upgrade project (attached). We would be pleased to meet with you and discuss any questions or concerns you may have with this project. If you have any specific concerns or meeting agenda topics you would like to share with me, I can ensure I have the appropriate Hydro One representatives at the meeting.

Please let me know three dates that will be convenient for you and we will arrange to meet you in your community.

I can be reached at 416-345-4155 or at ashley.jones@hydroone.com

I'm looking forward to hearing back from you, have a good day!

Kind Regards,

Ashley M. Jones
Environmental Planner
Hydro One Networks Inc.
(T) 416.345.4155
(E) Ashley.Jones@HydroOne.com

Hydro One Networks Inc.
483 Bay Street
TCT4, South Tower
Toronto, Ontario, M5G 2P5
www.HydroOneNetworks.com

Tel: (416)-345-6597
Fax: (416)-345-6919
Cell: (416)-525-1051



Brian McCormick
Manager, Environmental Services and Approvals

February 15, 2012

Mr. Raymond Deleary, Senior Policy Analyst
Chippewas of the Thames First Nation
320 Chippewa Road
Muncey, Ontario, N0L 1Y0

Re: Lambton to Longwood Transmission Upgrade Class Environmental Assessment

Dear Mr. Deleary:

Thank you for your letter in response to the Lambton to Longwood Transmission Upgrade Project. We would be pleased to meet with you in your community to discuss your interests and address any questions or concerns you may have with this project.

Please provide us with a few dates that would be convenient for you, and any meeting topics you would like us to cover. We will ensure we have the appropriate Hydro One representatives at the meeting to address your questions or concerns, or arrange to have the answers in advance of our meeting.

We have made attempts to contact you via telephone and email. Please contact Ashley Jones by email or telephone at Ashley.Jones@HydroOne.com or 416-345-4155 to set up this meeting.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian J. McCormick". The signature is written over the word "Sincerely," and extends downwards into the printed name area.

Brian J. McCormick, Manager
Environmental Services & Approvals

cc: Ian Jacobsen, Sr. Manager, First Nations & Métis Relations, Hydro One

**LAMBTON TO LONGWOOD
CORRESPONDENCE WITH COTTEN**

JONES Ashley

From: COMMUNITY Relations
Sent: Wednesday, March 28, 2012 3:16 PM
To: JONES Ashley
Cc: STAITE Patricia; OGNIBENE Carrie-Lynn; JACOBSEN Ian
Subject: FW: Longwoods Transmission Upgrade-Archaeology
Importance: High

Ashley,
Could you please follow up with Ms. Elijah.

Thanks,
Carrie-Lynn

From: Rolanda Elijah [mailto:reljah@cottfn.com]
Sent: Wednesday, March 28, 2012 2:37 PM
To: COMMUNITY Relations
Cc: fburch@cottfn.com; ccouchie@cottfn.com
Subject: Longwoods Transmission Upgrade-Archaeology
Importance: High

To Ashley Johnson:

My name is Rolanda Elijah and I am the new Director of Lands and Environment for the Chippewas of the Thames First Nation.

You may have been in recent contact with our offices and I apologize for the delay in responding to your call.

We are interested in having archaeological monitors for the Longwoods project.

Can you please provide details about:

- 1 What stage the assessment is at
- 2 Details about the project
- 3 When you expect the monitors to be needed in the field

You can either email me this information or phone me at (519) 289-5555 ext. 229.

Thank you

JONES Ashley

From: JONES Ashley
Sent: Tuesday, April 03, 2012 9:38 AM
To: 'relijah@cottfn.com'
Cc: 'hmartelle@tmhc.ca'
Subject: Archaeology Monitoring re Lambton x Longwood (Hydro One)

Hi Rolanda,

I spoke with our Archaeologist, and she has provided me with answers some of your questions:

Expectations:

The Community can establish the level of involvement.

- The monitors may become regular crew members and do exactly the same work. This would involve a lot of walking and test pitting (digging holes and screening soil). It can be physically demanding. They need to be prepared to be away from amenities – so bring lots of water, lunch, bug spray, etc.
- Monitors need to wear appropriate safety equipment. Timmins Martelle can provide hardhats, vests, glasses, gloves but monitors will have to be wearing CSA approved work boots. They would also have to participate in the Consultants health and safety program, tail gate review, etc.

Alternatively, monitors may also just visit sites and check in from time to time. But the best experience for learning and understanding comes through direct participation in the fieldwork.

Work days, schedules, timelines?

The crews typically leave London at 7:30am and arrive back between 5 -5:30pm. If the monitors were to meet Timmins Martelle on site, they would typically work between 5 and 7 hours on site before travel time. They sometimes work later if we are stuck in the middle of a corridor and want to get a section finished. There may be days when they cannot work due to heavy rain or potential thunder storms.

- Monitors are provided with information about the meeting location for the next day and which sections of the corridor they will be working on.
- The field work is anticipated to start this week or next, and would likely be working through a good portion of April, weather depending.

Payment

There are a lot of options. A wage or daily or hourly rate needs to be established by the Community.

- We would suggest that the Monitors provide Timmins Martelle with an invoice which the company would pay directly.

*Another option is the Haudenosaunee Management Services in Brantford. This is an employment agency that the Consultant works through on a regular basis. The monitors would be employees of the agency and receive WSIB and all appropriate coverage. All that is required is the registration of the monitor with the agency before the project begins.

The information for Haudenosaunee Management Services – P.O. Box 2112, Station Main, Brantford, ON N3T 5Y6; located at 184 Mohawk Street, Brantford 519-758-0939 fax: 519-756-9798. Contact: Kelly-Anne Kelly, Client Manager Kelly@thealbert.group.ca.

Hope this helps ☺ Please let me know if you require additional information, I have copied Holly Martelle to this email

JONES Ashley

From: Holly Martelle [hmartelle@tmhc.ca]
Sent: Tuesday, April 10, 2012 1:05 PM
To: Rolanda Elijah
Cc: JONES Ashley
Subject: COTTFN monitors for Hydro Lambton TS to Longwoods TS Project

Hello Rolanda,

I just wanted to let you know that Dennis Henry was in touch with me regarding monitoring.

He has his own transportation.

It will just be a matter of us coordinating our start date and place with him.

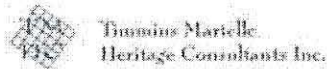
Has a rate of pay been established? Compensation for fuel/mileage?

I will get back to you once we have a confirmed start date.

Thanks and take care,

Holly Martelle

Holly Martelle, Ph.D.
Archaeologist/Heritage Planner
Co-owner



@ the Museum of Ontario Archaeology
1600 Attawandaron Road
London, ON N6G 3M6
☎ (519)641-7222
☎ (519)641-7220
✉ hmartelle@tmhc.ca

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JONES Ashley

From: Holly Martelle [hmartelle@tmhc.ca]
Sent: Wednesday, April 25, 2012 8:06 AM
To: Rolanda Elijah; JONES Ashley
Subject: Hydro One Longwoods x Lambton

Hello Rolanda,

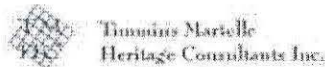
I just wanted to let you know that we are finally up and running in the field on this project. Dennis Henry is working with us. We're picking him up on the way to the work area this morning.

I will give you updates as we go along.

Thanks and take care,

Holly

Holly Martelle, Ph.D.
Archaeologist/Heritage Planner
Co-owner



@ the Museum of Ontario Archaeology
1600 Attawandaron Road
London, ON N6G 3M6
☎ (519)641-7222
☎ (519)641-7220
✉ hmartelle@tmhc.ca

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Please consider the environment before printing this e-mail and/or its attachments.

JONES Ashley

From: JONES Ashley
Sent: Tuesday, May 08, 2012 1:43 PM
To: STAITE Patricia
Cc: GOULAIS Christine
Subject: FW: Hydro One Networks' Section 92 Lambton to Longwood Transmission Upgrade Project
Importance: High

Hi Patty and Christine,

I just received this from COTTFN. This is in response to the OEB hearing notice Regulatory Affairs sent out a few weeks ago.

I can follow up with Rolanda to set up a meeting date. As for the presentation, can we use most of our previous PIC slides?

Kind Regards,

Ashley Jones
416-345-4155

From: Rolanda Elijah [mailto:reljah@cottfn.com]
Sent: Tuesday, May 08, 2012 1:34 PM
To: CATALANO Pasquale
Cc: JONES Ashley; 'Fallon burch'; 'Joe Miskokomon'; rdeleary@cottfn.com; 'Daniel Deleary'
Subject: Hydro One Networks' Section 92 Lambton to Longwood Transmission Upgrade Project

Thank you for speaking to me earlier today.

I have made an online submission for Chippewas of the Thames to be an Observer on this project for the application made to the OEB.

We have had some contact with Ashley Jones regarding archaeology for this project, and we do have an active monitor.

Would it be possible for us to have a presentation on this project in the very near future?

I noted in the Notice of Application forms that it mentions aboriginal consultation, but I was not aware of Hydro One having made a presentation to staff or Chief and Council. For now I am proposing a presentation to staff for the Lands and Environment Department of the First Nation.

We can be reached at (519) 289-2662. Please speak to Fallon Burch to set up. Her e-mail address is fburch@cottfn.com

thank you.

JONES Ashley

From: JONES Ashley
Sent: Monday, May 14, 2012 11:38 AM
To: 'fburch@cottfn.com'
Subject: Follow-up re Presentation to Lands and Environment

Good morning,

I am just following up regarding the meeting to be scheduled with Lands and Environment about the Lambton x Longwood project. Did you happen to speak with Rolanda about potential meeting dates and the types of issues we can be prepared to discuss?

Thanks so much, talk soon.

Ashley M. Jones
Environmental Planner
Hydro One Networks Inc.
(T) 416.345.4155
(E) Ashley.Jones@HydroOne.com

JONES Ashley

From: Fallon burch [fburch@cottfn.com]
Sent: Friday, May 25, 2012 11:04 AM
To: JONES Ashley
Subject: RE: Follow-up re Presentation to Lands and Environment

Ashley,

I have confirmed with my staff that May 31st @ 2: 20 pm is a go for the presentation. I have included a link with a map of our location. If you still need assistance with directions please do not hesitate to call or e-mail.
<http://g.co/maps/wsyr5>

Have a nice day
Fallon Burch
Consultation Officer Trainee
(519)289-2662

From: Ashley.JONES@HydroOne.com [mailto:Ashley.JONES@HydroOne.com]
Sent: Wednesday, May 23, 2012 11:01 AM
To: fburch@cottfn.com
Subject: RE: Follow-up re Presentation to Lands and Environment

Good morning!

I think we have sorted out a time that will work. We'll be coming from Sarnia that morning, would 2:30pm be okay? We can probably make it by 2pm, but just in case we get held up we wouldn't want to be late. Let me know ☺

Thanks,

Ashley Jones
416-345-4155

From: Fallon burch [mailto:fburch@cottfn.com]
Sent: Tuesday, May 22, 2012 3:30 PM
To: JONES Ashley
Subject: RE: Follow-up re Presentation to Lands and Environment

Ashley,

May 31st sounds good. What time in the afternoon would that be?

Fallon Burch
519-289-2662 Ext. 213

From: Ashley.JONES@HydroOne.com [mailto:Ashley.JONES@HydroOne.com]
Sent: Friday, May 18, 2012 1:17 PM
To: fburch@cottfn.com
Subject: RE: Follow-up re Presentation to Lands and Environment

Good afternoon,

We have another meeting in the London/Sarnia area in the morning of May 31st. Would it be possible to meet during the afternoon on the 31st?

Thanks!

Kind Regards,

Ashley Jones
416-345-4155

From: Fallon burch [mailto:fburch@cottfn.com]
Sent: Wednesday, May 16, 2012 11:59 AM
To: JONES Ashley
Subject: RE: Follow-up re Presentation to Lands and Environment

Ashley,

Sorry about the delay in our response. We have just moved in to a new building and our internet was down for almost a week. We are available to meet May 29, 30, 31 from 10:30-12:30. I hope one of these dates work for you. I also spoke to Rolanda regarding the presentation, she would like a general overview of the project. The presentation will be presented to our department. The chief and council will not be participating at this time. If you have any questions or concerns please do not hesitate to call or e-mail me. Look forward to meeting you.

Thanks
Fallon

From: Ashley.JONES@HydroOne.com [mailto:Ashley.JONES@HydroOne.com]
Sent: Monday, May 14, 2012 11:38 AM
To: fburch@cottfn.com
Subject: Follow-up re Presentation to Lands and Environment

Good morning,

I am just following up regarding the meeting to be scheduled with Lands and Environment about the Lambton x Longwood project. Did you happen to speak with Rolanda about potential meeting dates and the types of issues we can be prepared to discuss?

Thanks so much, talk soon.

Ashley M. Jones
Environmental Planner
Hydro One Networks Inc.
(T) 416.345.4155
(E) Ashley.Jones@HydroOne.com

JONES Ashley

From: JONES Ashley
Sent: Friday, May 25, 2012 11:21 AM
To: 'Rolanda Elijah'
Cc: JONES Ashley
Subject: Letters regarding Hydro One projects
Attachments: Lambton to Longwood Letter.pdf; Adelaide Jct and Enbridge Keyser CTS Letter.pdf; Envelopes.pdf

Hi Rolanda,

As a follow-up to our conversation this morning, I have received two letters from Chippewas of the Thames First Nation, signed by Raymond Deleary, regarding two Hydro One projects. They are dated in January and in February 2012, and the envelopes are stamped for March 9, 2012.

I'm not sure why they were held up in the mail; however, I would be pleased to speak with you about the Adelaide Jct and Enbridge Keyser CTS wood pole replacement.

We have a meeting scheduled with the Lands and Environment department on May 31, 2012 regarding the Lambton x Longwood Transmission upgrade project, and the other letter is regarding that project.

I apologize for the delayed response to these letters; however I am happy that we have found a time to meet with your department in person.

Kind Regards,
Ashley

Ashley M. Jones
Environmental Planner
Hydro One Networks Inc.
(T) 416.345.4155
(E) Ashley.Jones@HydroOne.com



CHIPPEWAS OF THE THAMES FIRST NATION

February 6, 2012

Brian J. McCormick
483 Bay Street
TCT4, South Tower
Toronto, ON M5G 2P5

Dear Mr. McCormick

Re: Lambton to Longwood Transmission Upgrade Class Environmental Assessment Invitation to Public Information Centre

Thank you for your letter notifying the Chippewas of the Thames First Nation ("COTTFN") about your proposed initiative. We refer to ourselves as Ojibwe and are a part of a larger group of Anishinaabe (people) that come from the Algonkian language family. COTTFN is a sovereign and self-governing nation residing on land that has never been ceded. Through a series of Treaties made with the Crown, our people agreed to share our duties and responsibilities over our traditional territory to protect our rights in these lands.

At the time of our Treaties with the Crown, our people moved freely throughout the Southern Great Lakes Area utilizing the land, waterways and air for the abundant resources that sustained the people of our Nation. Historically the Canadian and provincial governments have tried to undermine Anishinaabe government based on a denial of our inherent jurisdiction; however in recent years, that has changed with the recognition and entrenchment of our rights in the *Constitution Act, 1982*, and the Supreme Court of Canada decisions that have clearly identified a duty to consult where our rights may potentially impacted. This duty belongs to the Crown and the Crown alone is responsible for ensuring the duty has been adequately discharged; however, as the proponent, we understand that some of the procedural elements of that duty have been delegated to you.

Your proposed development lies within our traditional territory. As there may be potential impacts to the exercise of our rights caused by your initiative, we appreciate the opportunity to discuss with you what these potential impacts may be how they might be mitigated and/or accommodated. COTTFN seeks to establish strong working relationships with any proponent who respects Anishinaabe values and principles. We further appreciate that the cooperation and support of the COTTFN will help provide

320 Chippewa Road, Muncey, ON, N0L 1Y0
Ph. 519-289-5555 Fax. 519-289-2230
info@cottfn.ca www.cottfn.com



CHIPPEWAS OF THE THAMES FIRST NATION

certainty and minimize risk in the regulatory processes and we therefore look forward to working with you to attain an arrangement that is mutually beneficial as our Treaties intended.

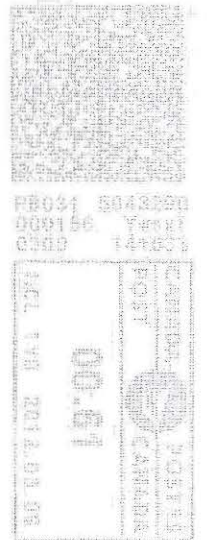
Upon receipt of this letter we would ask you to contact our consultation staff who will be pleased to discuss the framework for review of your initiative. Please contact Fallon Burch at the address on this letterhead by telephone or e-mail (fburch@cottfn.com).

Sincerely,

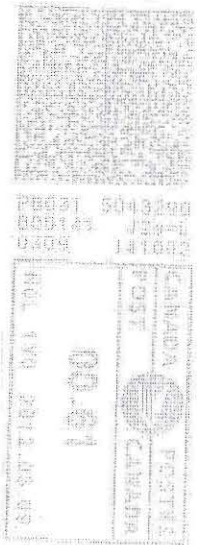
Raymond Deleary
Sr. Policy Analyst

320 Chippewa Road, Muncey, ON, N0L 1Y0
Ph. 519-289-5555 Fax. 519-289-2230
info@cottfn.ca www.cottfn.com

Brian J. McCormick
Manager
Environmental Services & Approvals
483 Bay Street
TCT4 South Tower
Toronto, ON M5G 2P5



Brian J. McCormick
483 Bay Street
TC14, South Tower
Toronto, ON M5G 2P5



JONES Ashley

From: Rolanda Elijah [relijah@cottfn.com]
Sent: Tuesday, June 05, 2012 9:37 AM
To: JONES Ashley
Cc: STAITE Patricia; GOULAIS Christine; KIANZAD Tina(Fattaneh); fburch@cottfn.com
Subject: RE: Follow-up with action items re: H1 meeting with COTTFN

ashley:

thank you for this record of our meeting.

this looks like it covers off our main discussion points and points of inquiry.

meegwetch.

From: Ashley.JONES@HydroOne.com [mailto:Ashley.JONES@HydroOne.com]
Sent: Monday, June 04, 2012 4:31 PM
To: relijah@cottfn.com
Cc: patricia.staite@HydroOne.com; Christine.goulais@HydroOne.com; TinaFattaneh.Kianzad@HydroOne.com; fburch@cottfn.com
Subject: Follow-up with action items re: H1 meeting with COTTFN

Good Afternoon Rolanda,

Thank you for the opportunity to meet with you and your colleagues in your community, last week. I hope your team found the presentation informative.

Below is a list of action items from the meeting. Please let me know if I have missed anything.

1. Hydro One will forward the construction schedule for Lambton x Longwood, specifically what end of the line the work will begin
2. Chippewas of the Thames will share relevant information with Ashley regarding species (Eagles) and other environmental concerns or issues they would like to raise regarding the Lambton x Longwood construction project.
3. Christine will pass on the concern to OPA about the opportunities for the First Nation in the FIT and microFIT programs.
4. Hydro One will provide the regulatory details of how COTT can participate in the OEB's approvals process (change observer status to intervenor status? Date for OEB hearings? Is there capacity provided to interveners?)
5. Ashley provided Rolanda with Kelly Kingsley's contact, Customer Care Manager at Hydro One. Kelly or a member of her team would be happy to discuss the submission of a pre-fit application, at your convenience. Kelly Kingsley 905-946-6224
6. Rolanda requested another meeting with Hydro One regarding the project before OEB hearings. Rolanda agreed to provide agenda items and suggest a future meeting date. Hydro One agrees to meet and will wait to hear from Rolanda with proposed agenda items and date.

I would like to clarify the difference between our sustainment work (the repair to the concrete foundations and ground wire) and the reconductoring transmission upgrade project. The sustainment work does not require OEB approval, as this is part of Hydro One maintenance and sustainment of infrastructure for integrity and safety. This work will begin Mon June 4th 2012. The transmission upgrade does require OEB approval and will only begin, after we receive approval.

Action #1 construction schedule for the reconductoring: Construction will begin in June 2013 and finish December 2014; the detailed schedule will be developed after the OEB approval for the project.

Action #4, I have included wording from the [OEB website](#) on how to become an intervenor in any proceeding with associated hyperlinks to governing documentation on procedures and practice directions on cost awards. If COTT would like to participate in the hearing as an intervenor, the application must be submitted as soon as possible. The hearing is scheduled to begin in June 2012.

With respect to being eligible to apply for cost awards, a party is eligible to apply for costs where they:

- (a) primarily represents the direct interests of consumers (e.g. ratepayers) in relation to services that are regulated by the Board;
- (b) primarily represents a public interest relevant to the Board's mandate; or
- (c) is a person with an interest in land that is affected by the process.

If you are considering applying for cost award eligibility, please refer to the Board's [Practice Direction on Cost Awards](#). Your request should address the eligibility criteria in section 3 of the Practice Direction. The burden of establishing eligibility for a cost award is on the party applying for a cost award. A party found eligible for a cost award may not recover all the costs it claims. Consistency with the Board's tariff, the conduct of the party during the proceeding, and the reasonableness of the final cost claim will be among the factors considered by the Board, as outlined in the Practice Direction.

The dates have been set for the Lambton x Longwood OEB hearing. The dates were set in Procedural Order 1 that was issued by the Ontario Energy Board (Board) on May 25th, 2012. The dates range from June 6th, 2012 to June 29, 2012 respectively. I have attached a copy of the Board's procedural order for your reference. The Board has notified all interested parties (registered intervenors, observers and Hydro One) via the procedural order through e-mail correspondence. All publically available documents associated with this proceeding are also made available on the Board's webdrawer for this proceeding which can be found at this [link](#).

The OEB has intended to proceed by way of written hearing, since no parties have objected to the Board reviewing the application via a written hearing.

June 6th is a set date that is affixed by [Procedural Order 1](#) that was issued by the OEB on May 25th. On June 6th, Intervenors and Board staff who wish to obtain additional information from Hydro One that is in addition to the evidence pre-filed with the Board and that is relevant to the hearing shall request the information by means of written interrogatories filed with the Board and delivered to Hydro One. All interrogatories and subsequent responses must include a reference to the section of the application which identifies the specific evidence on which the interrogatory is based. Responses to these questions/interrogatories, will be filed by Hydro One with the OEB and a copy served on the party asking the interrogatory no later than June 15th, 2012.

Changing Observer status to Intervenor Status

You may change observer status to intervenor status by sending a letter of intervention to the Board Secretary, **instructions below**:

A letter of intervention must comply with Rule 23 of the Board's [Rules of Practice and Procedure](#), and include, among other things:

- the application file number; (EB-2012-0082 in this case)
- your contact information (name, address, telephone number, fax number, and email address);
- a description of how you are, or may be, affected by the outcome of this proceeding;
- the nature and scope of your intended participation;
- if you represent a group, include a description of the group and its membership; and
- whether you intend to seek an award of costs and the grounds for your eligibility.

If you already have a user ID, please submit your intervention request through the Board's e-Filing Service at www.errr.ontarioenergyboard.ca. Additionally, two paper copies must be submitted to the address set out below. If you do not have a user ID, you may complete a [user ID/password request form](#).

Parties must file their documents in searchable / unrestricted pdf format and use the document naming conventions and document submission standards outlined in the [RESS Document Guidelines](#).

The Board also accepts interventions by email at the address below, and again, two additional paper copies are required.

Those who do not have internet access are required to submit their intervention request in PDF format on a CD, along with two paper copies.

All communications should be directed to the attention of the Board Secretary at the address below and, unless the notice states otherwise, be received no later than 4:45 p.m. on the required date.

Ontario Energy Board
P.O. Box 2319
2300 Yonge Street, 27th Floor
Toronto ON M4P 1E4
Attn: Ms. Kirsten Walli
Board Secretary
Tel: 1-888-632-6273 (toll free)
Fax: 416-440-7656
E-mail: BoardSec@ontarioenergyboard.ca

I hope this helps. Please let me know if you have any questions.

Thank you,
Ashley

Ashley M. Jones
Environmental Planner
Hydro One Networks Inc.
(T) 416.345.4155
(E) Ashley.Jones@HydroOne.com

JONES Ashley

From: GOULAIS Christine
Sent: Wednesday, June 06, 2012 1:41 PM
To: Rolanda Elijah
Cc: JONES Ashley; STAITE Patricia; GOULAIS Christine; 'Hillary Thatcher'
Subject: RE: OPA and FIT 2.0
Attachments: Follow-up with action items re: H1 meeting with COTTFN

Hi Rolanda,

The OEB hearing is regarding Hydro One's planned Lambton to Longwood Transmission Upgrade Project. As indicated in Ashley's email sent on Monday, the dates have been set for the Lambton x Longwood OEB hearing. The dates were set in Procedural Order 1 that was issued by the Ontario Energy Board (Board) on May 25th, 2012. The dates range from June 6th, 2012 to June 29, 2012 respectively. The Board has notified all interested parties (registered intervenors, observers and Hydro One) via the procedural order through e-mail correspondence. All publically available documents associated with this proceeding are also made available on the Board's webdrawer for this proceeding which can be found at this [link](#). The OEB has intended to proceed by way of written hearing, since no parties have objected to the Board reviewing the application via a written hearing. June 6th is a set date that is affixed by [Procedural Order 1](#) that was issued by the OEB on May 25th. Intervenors and Board staff who wish information from Hydro One that is in addition to the evidence pre-filed with the Board and that is relevant to the hearing shall request the information by means of written interrogatories filed with the Board and delivered to Hydro One on or before **June 6, 2012**. All interrogatories and responses must include a reference to the section of the application which identifies the specific evidence on which the interrogatory is based. Hydro One shall, no later than **June 15, 2012** file with the Board and deliver to all intervenors, a complete response to each of the interrogatories. Hydro One shall file with the Board and copy to all intervenors its written submission by **June 20, 2012**. Intervenors and Board staff may file with the Board and copy to all other intervenors their written submissions on all matters by **June 25, 2012**. Hydro One shall file its reply submission with the Board and copy to all intervenors by **June 29, 2012**.

As mentioned at our meeting last week, Hydro One is happy to discuss the Lambton x Longwood Project further with you and do our best to answer any questions you have related to the project.

The planned meeting with Hillary at the OPA is regarding the questions you raised at our meeting in relation to the FIT program. I have also agreed to participate on that call should you have additional hydro one related questions.

I hope this provides some clarity and please feel free to call me if you have further questions.

Christine

Christine Goulais

(416) 345-4357

website: www.hydroone.com/firstnationsmetis

From: Rolanda Elijah [mailto:relajah@cottfn.com]
Sent: Wednesday, June 06, 2012 1:09 PM
To: 'Hillary Thatcher'
Cc: GOULAIS Christine
Subject: RE: OPA and FIT 2.0

Yes, that will be fine, I hope this is still an advance of the OEB hearing.

From: Hillary Thatcher [mailto:Hillary.Thatcher@powerauthority.on.ca]
Sent: Wednesday, June 06, 2012 1:08 PM
To: Rolanda Elijah
Cc: Christine.goulais@HydroOne.com
Subject: RE: OPA and FIT 2.0

Are you free for a teleconference call next Thursday? Both Christine from Hydro One and I can make this work between 11-2 and 3-5. Please let me know what is the best time for you and I will send a calendar invitation with the call in details.

Best regards, hillary



Hillary Thatcher | Director, First Nations & Métis Relations
 120 Adelaide St W., Suite 1600 | Toronto, Ontario, M5H 1T1 | 416.969.6200 |
 416.967.1947 | hillary.thatcher@powerauthority.on.ca
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From: Rolanda Elijah [<mailto:relajah@cottfn.com>]
Sent: June 6, 2012 11:27 AM
To: 'Rolanda Elijah'; Hillary Thatcher
Cc: Christine.goulais@HydroOne.com
Subject: RE: OPA and FIT 2.0

Of course, we would also like for Hydro One to be on this call.

From: Rolanda Elijah [<mailto:relajah@cottfn.com>]
Sent: Wednesday, June 06, 2012 11:23 AM
To: 'Hillary Thatcher'
Cc: 'Christine.goulais@HydroOne.com'
Subject: RE: OPA and FIT 2.0

I know that I said that July would be okay to meet.

However, the OEB hearing is this month sometime.

There were a few outstanding questions that we had for you, and how they may relate to the Hydro One activities.

If you have any cancellations in your schedule for a face-to-face meeting, please do not hesitate to contact my office to try and set up that meeting on short notice.
 (519) 289-2662. We can try to get the Chief to the meeting as well.

In the meantime, with the OEB hearing upcoming, we still have outstanding questions about the Minister's announcement and aboriginal participation in renewable energy and FIT.
 Please let us know some dates and times so that we can schedule a teleconference at your earliest convenience.

thank you.

From: Hillary Thatcher [<mailto:Hillary.Thatcher@powerauthority.on.ca>]
Sent: Tuesday, June 05, 2012 1:32 PM
To: relajah@cottfn.com
Cc: Christine.goulais@HydroOne.com
Subject: OPA and FIT 2.0

Good Morning Rolanda,

I am following up with you from a meeting that you had with Christine Goulais from Hydro One. I understand from Christine that you would like to meet with the OPA to discuss the new Feed In Tariff program and your communities Solar project. I would be happy to meet with you at your convenience. Let me know if you would like to arrange for a teleconference call or an in-person discussion. Unfortunately, I have a fairly busy schedule over the next couple of weeks and wouldn't be able to come to your community, however, I could host you for an in person meeting or we could do a teleconference. Alternatively, I would be happy to come to the Chippewas of the Thames, but it would have to be delayed until July.

Let me know your preference and we can set something up.

Best regards, hillary



Hillary Thatcher | Director, First Nations & Métis Relations
 120 Adelaide St W., Suite 1600 | Toronto, Ontario, M5H 1T1 | 416.969.6200 |
 416.967.1947 | hillary.thatcher@powerauthority.on.ca
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Notes of Meeting

NOTES OF MEETING:	Lambton x Longwood Transmission Upgrade AR# 20518	Network#:	50067020-2005
DATE OF MEETING:	31-May-12 at 2:30pm	FILE#:	
LOCATION:	Chippewas of the Thames First Nation	WRITTEN BY:	Ashley Jones
SUBJECT:	General Project Overview Presentation	SIGNATURE:	
PRESENT:	<ul style="list-style-type: none"> - Chief Miskokomon – COTTFN - Fallon Burch - COTTFN - Rawleigh Grosbeck, elected Councilor - COTTFN - Rolanda Elijah- Director, Lands and Environment, COTTFN - Phyllis Rauws-George- COTTFN 	<ul style="list-style-type: none"> - Ashley Jones –Hydro One - Bishoy Anees –Hydro One - Christine Goulais –Hydro One - Jeffrey Farhat –Hydro One - Patty Staite –Hydro One - Tina Kianzad –Hydro One 	

CC: - Hydro One Team

Item No.	Item Description	Action	Date Completed
1.	Ashley gave a PowerPoint presentation about the Lambton x Longwood Transmission upgrade project which included a general overview of the sustainment activities and reconductoring work.	None	
2.	<p>Rawleigh requested a schedule of the work including what end of the line Hydro One will start their work</p> <p>- Tina said that the construction for the sustainment work will begin in June 2012. Construction for the reconductoring work will begin in June 2013 Hydro One is seeking Ontario Energy Board approval for the project, after approval is obtained, a detailed schedule will be developed and this can be shared with COTTFN</p>	Ashley will provide the schedule after OEB approval.	June 4, 2012

Notes of Meeting

3.	<p>Phyllis had a concern about birds (ie. Eagles) migrating back to the area. Inquired if birds were considered in the SAR assessment and Environmental Assessment</p> <p>-Ashley replied that Hydro One met with the MNR to discuss potential SAR in proximity to construction and were provided with construction mitigation methods to protect the species and habitat. She said that if COTTFN had any additional information Hydro One would take it into account during the project.</p>	<p>COTTFN will share relevant information with Ashley regarding species (Eagles) and other environmental concerns or issues they would like to raise regarding the Lambton x Longwood construction project.</p>	
4.	<p>COTTFN communicated that they are interested in obtaining a FIT contract resulting from the upgrade.</p>	<p>None</p>	
5.	<p>Christine shared the directive from the Ministry of Energy to OPA (that was given to her from OPA) that refers to Aboriginal community participation in FIT.</p> <p>-The Chief had questions about the details of 10% of remaining capacity for projects with significant participation from Aboriginal Communities referenced in the Ministry's directive. Christine shared that she cannot answer questions on the OPA's behalf, however, will pass on the concern to OPA about the opportunities for the First Nation in the FIT program.</p>	<p>Christine to relay message to OPA and have OPA contact Rolanda directly.</p>	<p>Hillary Thatcher, OPA contacted Rolanda Elijah via email on June 5, 2012 indicating that Christine Goulais, Hydro One, communicated to Hillary that Chippewas of the Thames would like to discuss their interest in FIT with the OPA. Hillary offered to meet with Chippewas of the Thames</p>
6.	<p>COTTFN requested information on how to change their status from observer to the intervener and asked if there is capacity available to intervenors for their participation.</p> <p>Christine explained that this is an OEB process; however, Hydro One is happy to provide further information in a follow up email.</p>	<p>Ashley to send Rolanda detailed instructions and information about capacity.</p>	<p>June 4, 2012</p>

Notes of Meeting

7.	Ashley provided Rolanda with Kelly Kingsley's contact, Customer Care Manager at Hydro One. Kelly or a member of her team would be happy to discuss the submission of a pre-fit application, at your convenience.		May 31, 2012
8.	Patty also indicated that Hydro One is open to feedback and input from the First Nation at anytime regarding the project and would be happy to work with the FN regarding their concerns and questions.	None	
9.	Rolanda requested another meeting with Hydro One regarding the project which Hydro One agreed to.	Rolanda will contact Hydro One (Ashley) with proposed agenda items and date.	TBD

END

**LAMBTON TO LONGWOOD
SUSTAINMENT CORRESPONDENCE WITH COTTEN**

JONES Ashley

From: Rolanda Elijah [reljah@cottfn.com]
Sent: Tuesday, June 12, 2012 12:35 PM
To: JONES Ashley
Cc: 'Phyllis Rauws-George'
Subject: sustainment activities
Importance: High

Hi Ashley:

Thank you for your voicemail.

Our First Nation is very interested in accompanying contractors to see firsthand the nature of the sustainment work occurring on the Hydro One line, and the ability to document and take pictures so that we have an understanding at the First Nation level of the act nature of the work.

Phyllis Rauws-George has been hired to put these types of activities together for us.

Please let us know timelines etc., as well we would need to have stipends for individuals involved in this , similar to the archaeological work.

I think we have 3 individuals in mind.

I will have Phyllis contact you asap.

JONES Ashley

From: Phyllis Rauws-George [phyllisrauws-george@hotmail.ca]
Sent: Tuesday, June 12, 2012 2:27 PM
To: JONES Ashley; Phyllis Rauws-George
Subject: update

Good afternoon Ashley I would like to introduce myself to you, my name is PhyllisRauws-George and I have been hired to work with the Chippewas of the Thames First Nation with special projects and your project has been forwarded to me, if you could update me on where the project stands that would be greatly appreciated, my contact email is phyllisrauws-george@hotmail.ca , telephone office number is 519-289-2662 and cell number is 519-328-2720, please at your earliest could contact me that would be great with regards to the Hyrdo One Networks Inc. project. Rolanda has forwarded your name this day, have a great day.

Thank-you

Phyllis Rauws-George
Chippewas of the Thames First Nation
Renewable Energy Project Co-ordinator

JONES Ashley

From: JONES Ashley
Sent: Tuesday, June 12, 2012 3:53 PM
To: 'Phyllis Rauws-George'
Cc: 'Rolanda Elijah'
Subject: Update on S2N Wood Pole Replacement and details about supplier bidding and other opportunities

Attachments: S2N Letter to Chief Miskokomon.pdf; Planned Maintenance on the 115 kV Wood Pole Transmission Structures (Circuit S2N) between Adelaide JCT and Enbrg Keyser CTS (Township of Adelaide Metcalfe); RE: Planned Maintenance on the 115 kV Wood Pole Transmission Structures (Circuit S2N) between Adelaide JCT and Enbrg Keyser CTS (Township of Adelaide Metcalfe); Supplier Bidding Instructions.pdf; Supplier Registration Help.pdf

Hi Phyllis,

Thank you for your phone call this afternoon. Regarding your question about the S2N Wood Pole Replacement, please see attached for the correspondence regarding the maintenance work. The work on this line is now complete.

Unfortunately, wood pole replacement maintenance is completed by Hydro One Construction. However, there are opportunities for businesses to bid on requests for proposals by registering as a Bidder with Hydro One. On larger projects that are not considered routine maintenance, where we require equipment, material, etc during construction the work is procured through this system. The link is here: <http://www.hydroone.com/DoingBusiness/Pages/default.aspx> there are Supplier Bidding Instructions and Registration Help attached to this email as well.

In response to your question about career opportunities, our Aboriginal Recruitment Consultant is off this week. I pulled this link off our website and it includes some helpful information <http://www.hydroone.com/OurCommitment/FirstNationsMetisRelations/Pages/Employment.aspx> . I will get in contact with him first thing next week and have him provide you with additional details about the type of training/education/requirements needed to apply for work with Hydro One.

I hope this information is helpful. Let me know if you have any questions.

Thank you,

Ashley M. Jones
 Environmental Planner
 Hydro One Networks Inc.
 (T) 416.345.4155
 (E) Ashley.Jones@HydroOne.com

From: Phyllis Rauws-George [mailto:phyllisrauws-george@hotmail.ca]
Sent: Tuesday, June 12, 2012 2:27 PM
To: JONES Ashley; Phyllis Rauws-George
Subject: update

Good afternoon Ashley I would like to introduce myself to you, my name is PhyllisRauws-George and I have been hired to work with the Chippewas of the Thames First Nation with special projects and your project has been forwarded to me, if you could update me on where the project stands that would be

greatly appreciated, my contact email is phyllisrauws-george@hotmail.ca , telephone office number is 519-289-2662 and cell number is 519-328-2720, please at your earliest could contact me that would be great with regards to the Hyrdo One Networks Inc. project. Rolanda has forwarded your name this day, have a great day.

Thank-you

Phyllis Rauws-George
Chippewas of the Thames First Nation
Renewable Energy Project Co-ordinator

JONES Ashley

From: JONES Ashley
Sent: Friday, June 15, 2012 11:06 AM
To: 'Rolanda Elijah'
Cc: phyllisrauws-george@hotmail.ca
Subject: RE: sustainment activities

Hi Rolanda,

Thank you for the invitation, everyone must be very busy getting ready for the event next week. I looked at the agenda, the guest speakers are great! I've met Phil Fontaine once and have heard him speak about his experience as Chief and Grand Chief in Manitoba and National Chief at the Assembly of First Nations. I really enjoyed it.

If next week is too busy, we will arrange for this site visit another day. Let us know, and Patty will have her cell phone on Monday and Tina will be there as well. I'll have her arrange to get the safety clothing ready in case the site visit works out. Just to make sure, you would have three people attending the site visit? If possible, could you provide me with their general sizes? Female/Male S, M, L, XL, etc – they will be wearing fire retardant and high visibility coveralls during their visit.

This will essentially be an observation day. The visitors will have to meet up with Tina near the construction site, and she will provide them with the safety gear necessary to enter the site. They should have their own safety boots, though. I would also suggest sunscreen, bug spray and water.

Tina will outline all the safety measures and hazards to avoid with a safety meeting prior to entering the site and construction site supervisors will be available to answer any questions. They may stay as long as they wish, as long as Tina or another chaperone is available to stay. They may be required to walk along the right-of-way to get to the tower, not all towers are accessible from the roadway.

This shouldn't take longer than a half day; however, some time will have to be allocated for transportation to and from the site.

I hope this information is helpful, please don't hesitate to call if you require additional information.

Kind Regards,

Ashley Jones
416-345-4155

From: Rolanda Elijah [mailto:reljah@cottfn.com]
Sent: Friday, June 15, 2012 10:37 AM
To: JONES Ashley
Cc: phyllisrauws-george@hotmail.ca
Subject: RE: sustainment activities

Thank you for this opportunity.

Our environment officer is not able to be reached until Monday.

We can find back up people for this if needed.

What kind of time commitment do you think we will need?

That is also a big week for us because we are having a fairly major event in the community that week.

You or your representative are welcome to attend.

We will try to work out more details on our side today and going into Monday for this event, and we can contact Patty.

Meegwetch.

From: Ashley.JONES@HydroOne.com [mailto:Ashley.JONES@HydroOne.com]
Sent: Friday, June 15, 2012 10:21 AM
To: relijah@cottfn.com
Cc: phyllisrauws-george@hotmail.ca
Subject: RE: sustainment activities

Hi Rolanda,

We have just heard back from the construction crews. We are having the kick-off meeting on Monday and construction will begin for the sustainment/maintenance work on Tuesday. Tina, our project manager, will be available to accompany the visitors either Tuesday afternoon or Wednesday morning. She is also working on borrowing a number of Fire Retardant suits, helmets, safety glasses, etc. Do the visitors have safety boots?

Please let me know if this timing will work. Apologies for the short notice, its hard to schedule in advance when it comes to construction activities.

I can provide you with an expense sheet for the visitors to fill out for mileage, rates, etc for invoicing this work. I will be out of the office, in Sarnia, on Monday. If I do not have a chance to speak with you today, please call Patty Staite at (416) 819-0456, we will be together on site that day.

Thanks,
Ashley
416-345-4155

From: Rolanda Elijah [mailto:relijah@cottfn.com]
Sent: Tuesday, June 12, 2012 12:35 PM
To: JONES Ashley
Cc: 'Phyllis Rauws-George'
Subject: sustainment activities
Importance: High

Hi Ashley:

Thank you for your voicemail.

Our First Nation is very interested in accompanying contractors to see firsthand the nature of the sustainment work occurring on the Hydro One line, and the ability to document and take pictures so that we have an understanding at the First Nation level of the act nature of the work.

Phyllis Rauws-George has been hired to put these types of activities together for us.

Please let us know timelines etc., as well we would need to have stipends for individuals involved in this , similar to the archaeological work.

I think we have 3 individuals in mind.

I will have Phyllis contact you asap.

JONES Ashley

From: SAYERS Paul
Sent: Wednesday, June 20, 2012 9:44 AM
To: JONES Ashley
Subject: RE: Question from COTTFN

Hi Ashley,
Thanks for this. I left a message with her to get back to me.
Paul

From: JONES Ashley
Sent: Tuesday, June 19, 2012 1:15 PM
To: SAYERS Paul
Subject: Question from COTTFN

Hi Paul,

Phyllis Rauws-George is the Business Development Officer at COTTFN. She had some questions for me regarding employment. Specifically, how can members of the community find employment at Hydro One and what training and education would they require.

I pointed her to the First Nations and Metis Relations site on the Hydro One webpage, however I think it would be helpful for her to have a conversation with you.

If you don't mind, I will provide her with your aboriginal.recruitment@HydroOne.com email address.

Is there a phone number she can reach you?

Thanks Paul,
Ashley

From: JONES Ashley
Sent: Tuesday, June 12, 2012 3:53 PM
To: 'Phyllis Rauws-George'
Cc: 'Rolanda Elijah'
Subject: Update on S2N Wood Pole Replacement and details about supplier bidding and other opportunities

Hi Phyllis,

Thank you for your phone call this afternoon. Regarding your question about the S2N Wood Pole Replacement, please see attached for the correspondence regarding the maintenance work. The work on this line is now complete.

Unfortunately, wood pole replacement maintenance is completed by Hydro One Construction. However, there are opportunities for businesses to bid on requests for proposals by registering as a Bidder with Hydro One. On larger projects that are not considered routine maintenance, where we require equipment, material, etc during construction the work is procured through this system. The link is here: <http://www.hydroone.com/DoingBusiness/Pages/default.aspx> there are Supplier Bidding Instructions and Registration Help attached to this email as well.

In response to your question about career opportunities, our Aboriginal Recruitment Consultant is off this week. I pulled this link off our website and it includes some helpful information <http://www.hydroone.com/OurCommitment/FirstNationsMetisRelations/Pages/Employment.aspx>. I will get in contact with him first thing next week and have him provide you with additional details about the type of

training/education/requirements needed to apply for work with Hydro One.

I hope this information is helpful. Let me know if you have any questions.

Thank you,

Ashley M. Jones

Environmental Planner

Hydro One Networks Inc.

(T) 416.345.4155

(E) Ashley.Jones@HydroOne.com

From: Phyllis Rauws-George [<mailto:phyllisrauws-george@hotmail.ca>]

Sent: Tuesday, June 12, 2012 2:27 PM

To: JONES Ashley; Phyllis Rauws-George

Subject: update

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Thank-you

Phyllis Rauws-George

Chippewas of the Thames First Nation

Renewable Energy Project Co-ordinator