

Ms. Christine Long  
Registrar & Board Secretary  
Ontario Energy Board  
P.O. Box 2319, 27th Floor  
2300 Yonge Street  
Toronto, ON M4P 1E4

June 2, 2020

**Re: EB-2019-0159 2021 Dawn Parkway Expansion Project  
Pollution Probe Cost Claim**

Dear Ms. Long:

In accordance with the OEB's Procedural Order #7 and Decision on Adjournment dated May 19, 2020, please find attached the cost claim from Pollution Probe for the above noted proceeding. Pollution Probe followed and supported the process defined by the Board and represented a direct consumer and policy perspective aligned with the Board's mandate in the proceeding (i.e. consumer, environmental, policy, and financial issues). Pollution Probe acted efficiently during the proceeding and coordinated with stakeholders to avoid duplication.

Pollution Probe confirmed to the Board March 10, 2020 of its intent to file evidence in this proceeding and has been actively working with its expert (Ralph Torrie) and related stakeholders. Due to the Board's adjournment Pollution Probe has instructed its expert to cease activity. Should the proceeding recommence, Pollution Probe would need sufficient time to restart those activities and make any adjustments as necessary.

Respectfully submitted on behalf of Pollution Probe.



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Michael Brophy, P.Eng., M.Eng., MBA  
Michael Brophy Consulting Inc.  
Consultant to Pollution Probe  
Phone: 647-330-1217  
Email: [Michael.brophy@rogers.com](mailto:Michael.brophy@rogers.com)

cc: Adam Stiers, Enbridge (email via [EGIRegulatoryProceedings@enbridge.com](mailto:EGIRegulatoryProceedings@enbridge.com))  
Guri Pannu Senior Legal Counsel, Enbridge Regulatory (via email)  
Charles Keizer and Myriam Seers, Torys (email via [ckeizer@torys.com](mailto:ckeizer@torys.com))  
Richard Carlson, Pollution Probe (via e-mail)

**Ontario Energy Board**  
**COST CLAIM FOR HEARINGS**



**Affidavit and Summary of Fees and Disbursements**

This form should be used by a party to a hearing before the Board to identify the fees and disbursements that form the party's cost claim. Paper and electronic copies of this form and itemized receipts must be filed with the Board and served on one or more other parties as directed by the Board in the applicable Board order. Please ensure all required (yellow-shaded) fields are filled in and the Affidavit portion is signed and sworn or affirmed.

**Instructions**

- Required data input is indicated by yellow-shaded fields. Formulas are embedded in the form to assist with calculations.
- All claims must be in Canadian dollars. If applicable, state exchange rate and country of initial currency.  
Rate: \_\_\_\_\_ Country: \_\_\_\_\_
- A separate "Detail of Fees and Disbursements Being Claimed" (comprising a "Statement of Fees Being Claimed" and a "Statement of Disbursements Being Claimed") is required for each lawyer, analyst/consultant and articling student/paralegal. However, only one "Summary of Fees and Disbursements" covering the whole of the party's cost claim should be provided.
- The cost claim must be supported by a completed Affidavit signed by a representative of the party.
- A CV for each consultant/analyst must be attached unless provided to the Board as prescribed on the Cost Award Tariff.

Except as provided in section 7.03 of the Practice Direction on Cost Awards, itemized receipts must be provided.

File # EB- <u>2019-0159</u>	Process: <u>Dawn-Parkway Expansion LTC</u>
Party: <u>Pollution Probe</u>	Affiant's Name: <u>Michael Brophy</u>
HST Number: <u>108092701 RT0001</u>	HST Rate Ontario: <u>13.00%</u>
Full Registrant <input checked="" type="checkbox"/>	Qualifying Non-Profit <input checked="" type="checkbox"/>
Unregistered <input type="checkbox"/>	Tax Exempt <input type="checkbox"/>
Other <input type="checkbox"/>	

**Affidavit**

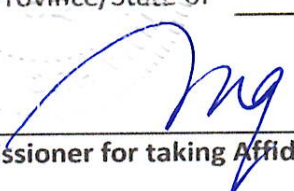
I, Michael Brophy, of the City/Town of Toronto  
in the Province/State of Ontario, swear or affirm that:

1. I am a representative of the above-noted party (the "Party") and as such have knowledge of the matters attested to herein.
2. I have examined all of the documentation in support of this cost claim, including the attached "Summary of Fees and Disbursements Being Claimed", "Statement(s) of Fees Being Claimed" and "Statement(s) of Disbursements Being Claimed".
3. The attached "Summary of Fees and Disbursements Being Claimed", "Statement(s) of Fees Being Claimed" and "Statement(s) of Disbursements Being Claimed" include only costs incurred and time spent directly for the purposes of the Party's participation in the Ontario Energy Board process referred to above.
4. This cost claim does not include any costs for work done, or time spent, by a person that is an employee or officer of the Party as described in sections 6.05 and 6.09 of the Board's Practice Direction on Cost Awards.

  
\_\_\_\_\_  
Signature of Affiant

Sworn or affirmed before me at the City/Town of Toronto,  
in the Province/State of Ontario, on June 1, 2020.  
(date)

\_\_\_\_\_  
Commissioner for taking Affidavits

  
NICKY P. F. HUA  
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**Ontario Energy Board**  
**COST CLAIM FOR HEARINGS**



**Affidavit and Summary of Fees and Disbursements**

File # EB- 2019-0159

Process: Dawn-Parkway Expansion LTC

Party: Pollution Probe

**Summary of Fees and Disbursements Being Claimed**

Legal/consultant/other fees	\$	36,663.00
Disbursements	\$	-
HST	\$	4,766.19
<b>Total Cost Claim</b>	<b>\$</b>	<b>41,429.19</b>

**Payment Information**

Make cheque payable to: Pollution Probe

Send payment to this address: 150 Ferrand Drive, Suite 208  
Toronto, Ontario  
M3C 3E5

# Ontario Energy Board

## COST CLAIM FOR HEARINGS



### Detail of Fees and Disbursements Being Claimed

<b>File # EB-</b> <u>2019-0159</u>	<b>Process:</b> <u>Dawn-Parkway Expansion LTC</u>
<b>Party:</b> <u>Pollution Probe</u>	<b>Service Provider Name:</b> <u>Michael Brophy</u>

<b>SERVICE PROVIDER TYPE</b> (check one)	<b>Year Called to Bar</b>	<b>Completed Years Practising/Years of Relevant Experience</b>
Legal Counsel <input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="26"/>
Articling Student/Paralegal <input type="checkbox"/>	<input type="checkbox"/>	
Consultant <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Hourly Rate:</b> <input type="text" value="\$330"/>
Analyst <input type="checkbox"/>	<input type="checkbox"/>	
For Consultant/Analyst: <input type="checkbox"/> attached		<b>HST Rate Charged (enter %):</b> <input type="text" value="13.0%"/>
<input checked="" type="checkbox"/> provided within previous 24 months		

Statement of Fees Being Claimed					
	Hours	Hourly Rate	Subtotal	HST	Total
<b>Pre-hearing Conference</b>					
Preparation	28.00	\$ 330.00	\$ 9,240.00	\$ 1,201.20	\$ 10,441.20
Attendance		\$ 330.00	\$ -	\$ -	\$ -
<b>Technical Conference</b>					
Preparation		\$ 330.00	\$ -	\$ -	\$ -
Attendance		\$ 330.00	\$ -	\$ -	\$ -
<b>Interrogatories</b>					
Preparation	13.50	\$ 330.00	\$ 4,455.00	\$ 579.15	\$ 5,034.15
Responses		\$ 330.00	\$ -	\$ -	\$ -
<b>Issues Conference</b>					
Preparation		\$ 330.00	\$ -	\$ -	\$ -
Attendance		\$ 330.00	\$ -	\$ -	\$ -
<b>ADR - Settlement Conference</b>					
Preparation		\$ 330.00	\$ -	\$ -	\$ -
Attendance		\$ 330.00	\$ -	\$ -	\$ -
Proposal Preparation		\$ 330.00	\$ -	\$ -	\$ -
<b>Argument</b>					
Preparation		\$ 330.00	\$ -	\$ -	\$ -
<b>Oral Hearing</b>					
Preparation	32.50	\$ 330.00	\$ 10,725.00	\$ 1,394.25	\$ 12,119.25
Attendance		\$ 330.00	\$ -	\$ -	\$ -
<b>Other Conferences</b>					
Preparation		\$ 330.00	\$ -	\$ -	\$ -
Attendance		\$ 330.00	\$ -	\$ -	\$ -
<b>Case Management</b>			\$ -	\$ -	\$ -
<b>TOTAL SERVICE PROVIDER FEES</b>			\$ 24,420.00	\$ 3,174.60	\$ 27,594.60

# Ontario Energy Board

## COST CLAIM FOR HEARINGS



### Detail of Fees and Disbursements Being Claimed

<b>File # EB-</b> <u>2019-0159</u>	<b>Process:</b> <u>Dawn-Parkway Expansion LTC</u>
<b>Party:</b> <u>Pollution Probe</u>	<b>Service Provider Name:</b> <u>Ralph Torrie</u>

<b>SERVICE PROVIDER TYPE</b> (check one)	<b>Year Called to Bar</b>	<b>Completed Years Practising/Years of Relevant Experience</b>
Legal Counsel <input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="40"/>
Articling Student/Paralegal <input type="checkbox"/>	<input type="checkbox"/>	
Consultant <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Hourly Rate:</b> <input type="text" value="\$330"/>
Analyst <input type="checkbox"/>	<input type="checkbox"/>	

For Consultant/Analyst: <input checked="" type="checkbox"/> attached	<b>HST Rate Charged (enter %):</b> <input type="text" value="13.0%"/>
<input type="checkbox"/> provided within previous 24 months	

Statement of Fees Being Claimed					
	Hours	Hourly Rate	Subtotal	HST	Total
<b>Pre-hearing Conference</b>					
Preparation		\$ 330.00	\$ -	\$ -	\$ -
Attendance		\$ 330.00	\$ -	\$ -	\$ -
<b>Technical Conference</b>					
Preparation		\$ 330.00	\$ -	\$ -	\$ -
Attendance		\$ 330.00	\$ -	\$ -	\$ -
<b>Interrogatories</b>					
Preparation		\$ 330.00	\$ -	\$ -	\$ -
Responses		\$ 330.00	\$ -	\$ -	\$ -
<b>Issues Conference</b>					
Preparation		\$ 330.00	\$ -	\$ -	\$ -
Attendance		\$ 330.00	\$ -	\$ -	\$ -
<b>ADR - Settlement Conference</b>					
Preparation		\$ 330.00	\$ -	\$ -	\$ -
Attendance		\$ 330.00	\$ -	\$ -	\$ -
Proposal Preparation		\$ 330.00	\$ -	\$ -	\$ -
<b>Argument</b>					
Preparation		\$ 330.00	\$ -	\$ -	\$ -
<b>Oral Hearing</b>					
Preparation	37.10	\$ 330.00	\$ 12,243.00	\$ 1,591.59	\$ 13,834.59
Attendance		\$ 330.00	\$ -	\$ -	\$ -
<b>Other Conferences</b>					
Preparation		\$ 330.00	\$ -	\$ -	\$ -
Attendance		\$ 330.00	\$ -	\$ -	\$ -
<b>Case Management</b>			\$ -	\$ -	\$ -
<b>TOTAL SERVICE PROVIDER FEES</b>			\$ 12,243.00	\$ 1,591.59	\$ 13,834.59





Ralph Torrie

Telephone/text:

289-691-2408

[rtorrie@torriesmith.com](mailto:rtorrie@torriesmith.com)

[linkedin.com/in/ralphtorrie](https://www.linkedin.com/in/ralphtorrie)

#### Professional History

- President, Torrie Smith Associates
- Senior Associate, Sustainability Solutions Group
- Managing Director, Trottier Energy Futures Project
- Vice President, ICF International (NASDAQ: ICFI)
- Managing Director, Navigant Consulting (NYSE: NCI)
- Deputy Coordinator, Energy Research Group, United Nations University and International Development Research Centre

#### Education

- Honours B.Sc. (Physics), University of Waterloo

#### Selected Extra-Curricular Activities, Recognition

- Senior Associate, Canadian Energy Systems Analysis Research Network, University of Calgary
- Board Member, Greater Toronto Area Clean Air Partnership (2010-2016)
- Member, Editorial Advisory Board, Alternatives Journal
- Editorial Board, Energy Exchange magazine
- Individual recipient of the Canadian Environment Award

## Ralph D. Torrie

Ralph is an energy systems expert with over 40 years of Canadian and international entrepreneurial, management and consulting experience that includes hundreds of initiatives in research, business development, and public policy. He is President of Torrie Smith Associates, a research and software development firm that he founded in 1979.

He also spent two years as Assistant Coordinator of the Energy Research Group of the United Nations University and the International Development Research Centre, six years as a corporate executive, first as Vice President at ICF International and then as Managing Director at Navigant, both publicly traded U.S. based firms, and two years as Managing Director of the Trottier Energy Futures Project, an innovative collaborative project exploring long-range sustainable energy strategies for Canada.

### *Some career highlights:*

■ As Vice President of ICF International, he assembled and led the team that supported the policy analysis of leading energy and climate change initiatives.

■ As a consultant to the Ontario Power Authority, he predicted the changes in Ontario's electricity market that would see a reversal of historical demand growth, corresponding shifts in preferred investment and growth strategies, and the emergence of new business models for the sector.

■ At the invitation of the Federation of Canadian Municipalities, he wrote the Foundation Paper that established the rationale and prepared the way for federal government support of municipal action on climate change in Canada. He continues to work with Canadian municipal governments in the development of their sustainable growth strategies.

■ Ralph managed the research program of the Energy Research Group of the United Nations University and IDRC, a blue ribbon panel of ten of the leading energy experts from developing countries. The work included commissioning and managing contributions from over 100 associates around the world, and shaping their inputs and the Group's deliberations into recommendations to the donor agencies and the development assistance community.

### *Selected Reports and Publications*

*Reconciling energy efficiency and energy intensity metrics: an integrated decomposition analysis.* With Christopher Stone and David Layzell, *Journal of Energy Efficiency*, May 2018. <https://doi.org/10.1007/s12053-018-9667-z>

*Community Emissions Reduction Planning: A Guide for Municipalities*, with Jeremy Murphy, Julia Meyer-MacLeod, Mel de Jager, Mike Sullivan, Naomi Devine, Steve Winkelmann and Yuill Herbert, prepared for Ontario Ministry of the Environment and Climate Change, April 2018. Available at <https://lnkd.in/dQicCAN>.

*Understanding Energy Systems Change in Canada : Decomposition of Total Energy Intensity.* With David Layzell and Christopher Stone, *Journal of Energy Economics*, Volume 56, May 2016, Pages 101–106. Available at <https://www.sciencedirect.com/science/article/pii/S0140988316300500>

*Financial and Economic Dimensions of the Canadian Energy System*, in *Primer on Energy Systems in Canada*, 2<sup>nd</sup> edition, Energy Exchange, March 2016. Available at <http://www.pollutionprobe.org/publications/primer-on-energy-systems-in-canada/>

*Some Reflections on Climate Change Response Policy*, in *Acting on Climate Change: Extending the Dialogue Among Canadians*, March 2015, at [http://sustainablecanadialogues.ca/pdf\\_2015/extending\\_dialogue/RalphTorrie.corr.pdf](http://sustainablecanadialogues.ca/pdf_2015/extending_dialogue/RalphTorrie.corr.pdf)

*Low-Carbon Energy Futures: A Review of National Scenarios*, with Tyler Bryant, Dale Marshall, Mitchell Beer, Blake Anderson, Ryan Kadowaki and Johanne Whitmore, Trottier Energy Futures Project, 2013.

*An Inventory of Low-Carbon Energy for Canada*, with Tyler Bryant, Mitchell Beer, Blake Anderson, Dale Marshall, Ryan Kadowaki and Johanne Whitmore, Trottier Energy Futures Project, 2013.

*Low Carbon Futures in Canada*, invited presentation to the 4<sup>th</sup> Annual Meeting of the International Research Network for Low Carbon Societies (LCS-RNet), University of Oxford, September 2012.

*Greenhouse Gas Emissions in Ontario: Bending the Curve*, for Ontario Ministry of the Environment, 2009. This report provided the analysis that underpinned the province's climate change response policy.

# Michael Brophy Consulting Inc.

# INVOICE

28 MacNaughton Road  
Toronto, Ontario, M4G 3H4  
Phone 647-330-1217 email: michael.brophy@rogers.com

**DATE:** 27/5/2020  
**INVOICE #** OEB-6-2020  
**FOR:** EB-2019-0159  
Dawn-Parkway LTC

**Bill To:**

Richard Carlson  
Director Energy Policy  
Polution Probe  
150 Ferrand Drive  
Toronto, Ontario  
M3C 3E5

DESCRIPTION	AMOUNT
Consulting & Expert Services - OEB EB-2019-0159 Dawn-Parkway LTC	
Consulting Services - Michael Brophy Detailed timesheet for Michael Brophy attached 74 hours @ \$330 per hour	\$24,420.00
Expert Witness - Ralph Torrie Detailed timesheet for Ralph Torrie attached 37.1 hours @ \$330 per hour	\$12,243.00
Subtotal	\$36,663.00
HST (HST #: 75225 9333 RT0001)	\$4,766.19
<b>TOTAL</b>	<b>\$41,429.19</b>

Make all cheques payable to **Michael Brophy Consulting Inc.**  
If you have any questions concerning this invoice, contact:  
Michael Brophy, President, Michael Brophy Consulting Inc.  
Phone: 647-330-1217, email: michael.brophy@rogers.com  
Business Number: 75225 9333

**THANK YOU FOR YOUR BUSINESS!**



EB-2019-0159

Dawn Parkway Expansion Project

M. Brophy

Date	Hours	Details
1/23/2020	1.50	Review evidence and coordination call with GEC, ED and TAF
1/27/2020	1.00	email correspondence with OEB Staff regarding Enbridge letter. Development of response letter.
2/2/2020	5.00	Evidence review, PO#1, development and drafting for issues list and coordination correspondence with City of Toronto, TAF, GEC, ED, EC and CaGBC.
2/6/2020	1.00	Clean Air Partnership coordination, email and phone call. Support letter coordination.
2/7/2020	1.00	Correspondence with R. Carlson (Pollution Probe), finalise issues list submission and file with OEB
2/14/2020	2.00	MNRF (A. Mougere & T. Fancy) discussion and review wetland mapping
2/19/2020	3.00	Hamilton Council meeting. Review Feb 6 video & materials, Enbridge presentation and stakeholder presentations
2/24/2020	2.00	Correspondence with City of Hamilton (A. Chan & G. Paparella) and review of materials
3/6/2020	2.50	Review evidence, pipeline integrity report and coordination email to K. Elson (ED)
3/9/2020	4.00	Coordination with stakeholders including SEC, ED, GEC and local interest group. Development of evidence list per PO#2 and discussion with industry experts prior to filing evidence list.
3/10/2020	2.00	Assesment of expert witness options. Draft letter related to OPCC circulation and impacts to PO#2 timing.
3/19/2020	1.00	Coordination on environmental consultant for expert review
3/20/2020	2.00	Correspondence with Hamilton 350 and review of environmental mitigation concerns. City of Hamilton Council meeting related to the proposed pipeline.
3/23/2020	3.00	Development of IRs and cross-reference to filed IRs to avoid duplication
3/25/2020	4.00	Coordination with R. Carlson (Pollution Probe). Review evidence and development of IRs.
3/26/2020	5.00	Coordination with R. Carlson (Pollution Probe). Review evidence and development of IRs.
3/27/2020	4.00	Review Final Report on Enbridge 5 Year Gas Supply Plan & project impacts, released March 26. Correspondence with 350 Hamilton on local questions.
3/31/2020	4.00	Coordination with Hamilton 350 and R. Torrie regarding witness and material options. Review EA and Appendix A-H
4/1/2020	3.00	Correspondence with R. Carlson (Pollution Probe) and Clean Air Partnership. Review Appendix H.
4/2/2020	1.50	Correspondence with R. Carlson (Pollution Probe), Clean Air Partnership, ED, GEC, TAF and City of Toronto. Finalise IRs and file
4/7/2020	2.00	Review evidence, issues list and process with R. Torrie
4/8/2020	2.00	Hamilton Conservation Upper Spencer Creek Watershed Plan, correspondence with Hamilton350 and R. Torrie.
4/21/2020	2.00	Expert Witness documents, process & orientation. Correspondence with R. Torrie
4/22/2020	1.50	Evidence coordination with D. Quinn. Correspondence with R. Torrie and Expert Witness Form A.
4/23/2020	1.00	Zoom call and correspondence with D.Quinn & R. Torrie. Review supply rationale & coordinate evidence to avoid duplication
4/27/2020	1.00	Zoom call and correspondence with D.Quinn & R. Torrie. Review draft evidence details.
5/1/2020	2.50	Reduction in natural gas by municipality assessment. Alternatives to the project, R. Torrie evidence coordination.
5/2/2020	4.00	Evidence ccoordination. Correspondence with R. Torrie
5/4/2020	3.00	Evidence ccoordination. Correspondence with R. Torrie. Coordination for potential adjournment.
5/5/2020	1.50	Review Enbridge & ED correspondence. Discussion with R. Carlson (Pollution Probe), preparation and submission of Pollution Probe letter. Call with D. Poch (GEC). Call with D. Quinn (FRPO). File Pollution Probe letter.
5/14/2020	1.00	Review stakeholder submissions and Enbridge reply. Correspondence with R. Carlson (Pollution Probe)
total	74.00	

EB-2019-0159

Dawn Parkway Expansion Project

Time Sheet for Ralph Torrie

Date	Hours	Details
4/21/2020	3.50	Evidence review
4/23/2020	4.50	Reviewing evidence and conference call with M. Brophy and D. Quinn
4/27/2020	11.20	Reading EGI evidence, ICF reports, assess the demand side rationale for the project, conference call with M. Brophy
5/1/2020	2.60	Review of EGI material, drafted outline of evidence, compiling information on local government commitments to efficiency and implications to gas demand
5/2/2020	9.70	Completed first outline of evidence. Downloaded data needed for analysis. Read EGI Annual Gas Supply plan update. Retrieved EGI forecast methodology and scanned.
5/3/2020	3.00	Continuing with analysis of gas demand assumptions in EGI evidence, ICF reports. Sent key point summary to M. Brophy with questions on some aspects of EGI evidence, email exchange with M. Brophy
5/4/2020	2.60	Revised outline of evidence. Email exchange with M Brophy. Prepared cv for filing.
total	37.10	