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Toronto, Ontario M5A 0P6  
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[www.pollutionprobe.org](http://www.pollutionprobe.org)

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Ms. Nancy Marconi  
Registrar  
Ontario Energy Board  
P.O. Box 2319, 27th Floor  
2300 Yonge Street  
Toronto, ON M4P 1E4

January 5, 2023

Dear Ms. Marconi:

**EB-2021-0110 – Hydro One Joint Rate Application –  
Pollution Probe Final Cost Claim**

In accordance with OEB direction, Pollution Probe has filed its final Cost Claim for EB-2021-0110. The timesheets include all time for the entire proceeding and the interim payment has been netted out for the final invoice submitted via RESS. Subject to OEB review and approval, the residual payment to Pollution Probe is \$37,476.45.

Please reach out to the undersigned should you have any questions.

Respectfully submitted on behalf of Pollution Probe.

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: Hydro One Regulatory (via email)  
John DeVenz (via email)  
Richard Carlson, Pollution Probe (via email)

# EB-2021-0110 : 3 : Michael Brophy

COST CLAIM NUMBER 1026	SUBMISSION DEADLINE DATE December 20, 2022	CLAIM STATUS Approved by Finance
EB# EB-2021-0110: Rates: Distribution: Hydro One Networks Inc.	OTHER EB#S	PHASE #* 3
INTERVENOR Brophy, Michael; +1 (647) 330-1217 michael.brophy@rogers.com	INTERVENOR COMPANY* Pollution Probe, Toronto: Institution	INTERVENOR TYPE Other
HST RATE ONTARIO 13.00	EXCHANGE RATE	COUNTRY Canada
HST NUMBER 108092701 RT0001	LATE SUBMISSION ALLOWED Yes	EXTENSION DEADLINE DATE January 09, 2023

**PARTICIPANTS**

New	Non-Filing Participant First, Last Name	Filing Participant	Participant Total (\$)	Participant Claim Status
No	,	DeVenz, John; + 1 (647) 283-8493 johndevenz@outlook.com	70,198.44	Submitted
No	,	Brophy, Michael; +1 (647) 330-1217 michael.brophy@rogers.com	30,018.46	Submitted

**ATTACHMENTS**

Attachment	Attachment Date	Participant	Document Type	Claim Type	Import Message
PollutionProbe Final Cost Claim Cover Letter.pdf			Cover Letter		
P_PRO EB-2021-0110 Cost Claim 010920231346.pdf					

TOTAL LEGAL/CONSULTANT/OTHER FEES 88,687.50	TOTAL DISBURSEMENTS 0.00	TOTAL HST 11,529.40
TOTAL CLAIM 100,216.90	TOTAL AMOUNT AWARDED	

REASON FOR DISALLOWANCE	REASON FOR DISALLOWANCE - 2	REASON FOR DISALLOWANCE - 3
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MAKE CHEQUE PAYABLE TO  
Pollution Probe

SEND PAYMENT TO ADDRESS  
130 Queens Quay East  
Suite 902  
Toronto, ON  
M5A 0P6

ATTENTION  
Sid Markowski

**SUBMIT SECTION**

I am a representative of the Party. I have examined all of the documentation in support of this cost claim. The costs incurred and time spent are directly related to the Party's participation in the OEB Process referred to above.

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 section 6.05 and 6.09 of the OEB's Practice Direction on Cost Awards.

The information (fees and disbursements) filed in this cost claim is complete and accurate and in accordance with the OEB's Practice Direction for Cost Awards and Appendix A, the Cost Awards Tariff.

SUBMITTED BY  
Michael Brophy

DATE SUBMITTED  
January 09, 2023

**John DeVenz**

<b>CASE</b> EB-2021-0110: Rates: Distribution: Hydro One Networks Inc.	<b>COST CLAIM</b> EB-2021-0110 : 3 : Michael Brophy	<b>INTERVENOR NAME</b> Brophy, Michael; +1 (647) 330-1217 michael.brophy@rogers.com	<b>PARTICIPANT CLAIM STATUS</b> Submitted
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<b>FILING PARTICIPANT</b> DeVenz, John; + 1 (647) 283-8493 johndevenz@outlook.com	<b>NEW PARTICIPANT</b> No	<b>NON-FILING PARTICIPANT F. NAME</b>	<b>NON-FILING PARTICIPANT L. NAME</b>
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<b>SERVICE PROVIDER TYPE</b> Consultant	<b>YEAR CALLED TO BAR</b>	<b>COMPLETED YEARS PRACTICING/YEARS OF RELEVANT EXPERIENCE</b> 31	<b>HOURLY RATE</b> 330
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<b>CV STATUS (FOR CONSULTANT/ANALYST)</b> CV Provided within Previous 24 Months	<b>LAST CV DATE</b> February 25, 2022	<b>HST RATE CHARGED</b> 13.00
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<b>HEARINGS</b> Yes	<b>CONSULTATIONS</b> No	<b>DISBURSEMENTS</b> No
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**HEARINGS**

<u>Name</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Sub Total</u>	<u>HST Rate</u>	<u>HST</u>	<u>Total</u>
<b>Review Application and Evidence</b>						
Review Application and Evidence	24.00	330	7,920.00	13.00	1,029.60	8,949.60
<b>Discovery</b>						
Preparation of Interrogatories	13.00	330	4,290.00	13.00	557.70	4,847.70
Review Interrogatory Responses	2.00	330	660.00	13.00	85.80	745.80
Technical Conference Preparation	11.50	330	3,795.00	13.00	493.35	4,288.35
Technical Conference Attendance	38.75	330	12,787.50	13.00	1,662.38	14,449.88
Technical Conference Follow Up		330		13.00		
<b>Issues List</b>						
Preparation		330		13.00		
Attendance at Issues Conference		330		13.00		
<b>Intervenor Evidence</b>						
Preparation		330		13.00		
Interrogatory Responses		330		13.00		
Preparation of Witness(es) for Attendance at Hearing		330		13.00		
<b>Settlement Conference / ADR</b>						
Preparation	24.25	330	8,002.50	13.00	1,040.33	9,042.83
Attendance	49.50	330	16,335.00	13.00	2,123.55	18,458.55
Preparation of Settlement Proposal	22.00	330	7,260.00	13.00	943.80	8,203.80
Attendance at Presentation to Panel		330		13.00		
<b>Oral Hearing</b>						
Preparation		330		13.00		
Attendance at Oral Hearing		330		13.00		
<b>Submissions</b>						
Written Submissions		330		13.00		
Oral Submissions		330		13.00		
Attendance at Oral Submissions		330		13.00		
<b>Other Attendance</b>						
Other Attendance		330		13.00		
<b>Communication</b>						
With Client	2.00	330	660.00	13.00	85.80	745.80
With Other Parties		330		13.00		
<b>Motions</b>						
Preparation of Motion(s) Materials	0.25	330	82.50	13.00	10.73	93.23
Prepare Submissions on the Motion(s)		330		13.00		
Attendance at Hearing on Motion(s)	1.00	330	330.00	13.00	42.90	372.90
<b>Confidentiality</b>						

Preparation of Application for Confidentiality	330	13.00	
Prepare Submissions on Confidentiality	330	13.00	
Attendance at Hearing on Confidentiality	330	13.00	
<b>Decision</b>			
Review	330	13.00	
<b>Rate Order</b>			
Review	330	13.00	
Prepare Submission on Rate Order	330	13.00	
<b>Total Service Provider Fees</b>			
Total Service Provider Fees:	62,122.50	8,075.94	70,198.44

## Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Import Message</u>
John DeVenz Timesheet 1 of 2.pdf	Time Docket	
John DeVenz Timesheet 2 of 2.pdf	Time Docket	
Invoice_OEB_27 2022 rev1.pdf	Invoice	

## Hearings, Consultations, Disbursements Attachments

<u>Attachment</u>	<u>Related Disbursement Claim</u>	<u>Document Type</u>	<u>Claim Type</u>	<u>Import Message</u>
John DeVenz Timesheet 1 of 2.pdf		Time Docket	Hearings	
John DeVenz Timesheet 2 of 2.pdf		Time Docket	Hearings	
Invoice_OEB_27 2022 rev1.pdf		Invoice	Hearings	

OEB Cost Claim Categories	Review Application and Evidence	Discovery	Issues List	Interview Evidence	Settlement Conference /ADR	Oath Hearing	Submissions	Other Affidavit	Commotion	Motions	Confidentiality	Decision	Rate Order	Summary/Comments
Date	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	
10/2/2021	3.00													1.00 Read executive summary (Exh A-3.1), business plan (Exh A-3.1, Attach #1) and custom IR application summary (Exh A-4.1) to ensure understanding of the high level issues of Hydro One's Transmission and Distribution application.
10/2/2021	3.00	3.00												2.00 Read section of DSP (Exh B-3). Read over Clearing report (Exh A-4.1, Attach. 1) Draft up IR's related to DER definition and forecast.
10/4/2021	3.00	3.00												2.00 Read through a number of sections of the DSP (Exh B-3) - draft IR's.
10/5/2021	3.00	3.00												2.00 Read through a number of sections of the DSP (Exh B-3), draft IR's related to DER and metering programs.
10/6/2021	3.00	3.00												2.00 Read through DSP (Exh B-2), draft IR's related to poor condition transformers recommended for replacement. Total cost of station removal is \$2.8 Billion over 1-year rate period.
10/7/2021	3.00	3.00												2.00 Read through TSP (Exh B-2), and firm up IR's related to poor condition transformers.
10/8/2021	3.00													1.00 Review draft IR's and revise. Send to client for review.
10/10/2021	3.00	3.00												1.00 Read over sections of the TSP (Exh B-2). Review draft IR's that have been requested and provide feedback.
10/14/2021	3.00													1.00 Refine IR's with respect to how Hydro One defines a poor condition transformer. (SD T-58-02 and SD T-58-02). Investigate Hydro One investment planning process, TSP- Section 2.7 and SP, section 2.7 to mitigate any weaknesses in the IR's.
10/14/2021	3.00													1.00 Read metering evidence (D-54-04, D-58-52) and review metering IR's and revise. Draft IR's with respect to the metering submissions.
10/18/2021	3.00	3.00												2.00 Do a complete review and edit all IR's prepared to date. Review TSP (Exh B-2), Section 2.7 to understand Hydro One's investment planning process.
10/18/2021	3.00	3.00												2.00 Review Ex B-3-1, Section 1.7 Climate Change. Formulate IR's related to Hydro One's climate change policy. Read over Ex B-3-1, section 3.11, SD T-58-08 on distribution station refurbishments. Prepare IR's.
10/20/2021	3.00													1.00 Investigate various off-site capital spending plans for DSP, TSP & GSP plans. Read B-2-1, Section 2.11, T-58-13 - replacement of 1,800 km of poor condition conductors (and insulators, shuntwires, etc) for SEISM. Formulate IR's.
10/21/2021	3.00													1.00 Work on GSP - Final capital plan - Capital plan increase of 77% over 1-year period. Read all the Exh A-4, Section 2.11, SD, G-SP-02, Section 4.2, 4.3, 4.7 and 4.9. Draft IR's.
10/23/2021	3.00													1.00 Final review of IR's and send to client for review. Read GSP (SD G-GP-03) - Facilities and Real Estate investment plan.
10/23/2021	3.00													1.00 Read GSP (SD G-GP-03) - Facilities and Real Estate Plan. Prepare IR's.
10/25/2021	3.00													2.00 Review all draft IR's and revise to ensure everything is in order, consistent and complete references.
10/29/2021		1.00												1.00 Prepare issues list for Technical conference. Organize Pollution Probe issues - reference other intervenors looking at similar issues in order to be more efficient.
11/09/2021		1.00												1.00 Review Hydro One's responses to interrogatories submitted by Pollution Probe and other intervenors.
11/13/2021		1.00												1.00 Read Hydro One's responses to intervenor IR submissions. Prepare objections and questions for TC.
11/13/2021		1.00												1.00 Read Hydro One's responses to intervenor IR's.
11/14/2021		1.00												1.00 Prepare questions for Technical Conference. Draft issues list and time estimates. Send draft OEB IR's to client for review.
11/17/2021		1.00												1.00 Prepare questions for TC.
11/18/2021		1.00												1.00 Prepare TC questions for IR B1-PP-006 and B4-PP-020.
11/19/2021		1.00												1.00 Refine IR B1-PP-006 questions on emission targets and plan. Refine IR B4-PP-020 questions related to new real estate facilities.
11/20/2021		1.00												1.00 Refine B1-PP-006 questions on emissions targets. Tighten up questions. Also work on IR B4-PP-020 on EV and also read IR B4-PP-20 on new facilities cost estimate.
12/13/2021		1.00												1.00 Review comments from client on questions for TC panel #1. Refine and send back to client.
12/22/2021		0.50												0.50 Finalize questions for panel #1.
12/29/2021		6.00												6.00 Attend Technical Conference. Revise questions for panel #2 and read transcripts.
1/1/2022		6.50												6.50 Attend TC. Revise questions for Panel#2 based on answers to other intervenors' updates. Read transcripts.
1/19/2022		5.50												5.50 Attend TC and read transcripts.
1/19/2022		6.50												6.50 Attend TC and read transcripts.
1/21/2022		1.50												1.50 Attend TC and read transcripts.
1/22/2022		1.00												1.00 Prepare positions for settlement conference. Read Dec 18th transcripts and identify supporting evidence. Read over Dec 18th transcripts for OEB and ED. Prepare positions for TC.
1/23/2022		1.00												1.00 Review transcripts from Dec 15th and 16th, prepare for settlement conference. Read Dec 17th transcripts. Review highlights and key takeaways from the 5 days of transcripts - input into SC strategy.
1/24/2022		1.00												1.00 Read over IR's (DSEA -4, DMC-030 and ED-14). Read over ED-015-028. Prepare for settlement conference.
1/27/2022		1.00												1.00 Review and include B2 ED-014 IR's. Prepare for SC.
1/28/2022		1.00								0.25				1.00 Read IR A-4.1, Section 4.2. Strengthen positions for SC. Read over materials on EV readiness.
1/19/2022		1.00												0.25 Read over motions from AMPCO and SEC in preparation for motions day on Jan 19th.
1/20/2022		3.00									1.00			1.00 Attend Motions Day hearing. On stand by for most of the day while a settlement was negotiated between SEC and Hydro One.
1/20/2022		3.00												1.00 Read over the PEO (Pacific Economic Council) Report (Exh. MI and motions. Include in transcripts).
1/28/2022		0.50												0.50 Meet with client to discuss settlement issues.
1/29/2022		1.50												1.50 Update settlement conference issues preparation document after meeting with client.
1/19/2022		1.00												1.00 Prepare for intervenor meeting. Meet with intervenors on settlement conference preparation.
2/2/2022		1.00												1.00 Review and finalize Pollution Probe draft settlement brief and send to client for review. Read Hydro One fleet plan (SD G-GP-01) and budget section (Exh B-4.1, Section 4.9.3).
2/4/2022		1.00												1.00 Meet with client to discuss settlement brief and preparation. Finalize and send out brief to other intervenors in preparation for intervenor meeting. Meet with intervenors to discuss Settlement Conference strategy.
2/7/2022		1.50												1.50 Hydro One announced on Friday - Feb 5th that they were unable to proceed with the Settlement Conference due to the impact of inflation on their fleet application. Attend meeting with OEB and all parties to discuss the reasons for the delay and Hydro One's proposed revised schedule. Formulate what should be included in a response letter to the OEB and discuss with client.
2/9/2022		1.00												1.00 Review intervenor letters to the OEB on Hydro One's proposed evidence update and schedule change. Prepare draft Pollution Probe letter and send to client for review.
2/16/2022		0.50												0.50 Finalize letter to the OEB on Hydro One application update and send to client for submission.
4/26/2022	3.00													1.00 Read PEO (Jan 18) and Hydro One's response and proposal to accelerate the schedule - dated April 21, 22. Provide brief to client.
4/26/2022	2.00													2.00 Read Hydro One's application update (Exh. Q). Executive summary and high level strategy of entire filing.
4/27/2022	2.00													2.00 Read Hydro One evidence update (Exh. Q) and draft Pollution Probe Interrogatories.
4/29/2022	2.00													2.00 Review updated evidence (Exh. Q) and finalized draft IR's for client review. Read over OEB letter in response to Hydro One dated April 28th.
5/1/2022	1.00													1.00 Review comments from client on draft IR's for Hydro One application update. Revise and finalize IR's and cover letter. Send documents to client for submission.
5/18/2022	1.00													1.00 Read over Hydro One responses to Pollution Probe and other intervenor IR's.
5/19/2022	1.00													1.00 Draft strategy and questions for TC. Prepare OEB letter on areas of interest and estimate of time for each. Send email with TC strategy and OEB letter for client review.
5/25/2022	0.50													0.50 Prepare strategy and questions for TC. Organize all evidence references.
5/26/2022	0.50													0.50 Prepare strategy and questions for Mr Hoyt of Scotiabank. Re-read Scotia's original filing included in Hydro One evidence update. Formulate strategy for questioning Panel #2. Organize all evidence references.
5/27/2022	0.50													0.50 Prepare strategy for questions to Scotiabank - went through SEC 237 and reviewed Scotia's original filing. Formulate a strategy for questioning David Hoyt. Formulate a strategy for questioning David Hoyt's rebuttal on fleet questions.
5/28/2022	0.50													0.50 Finalize documentation with TC objectives and questions. Prepare email and send to client for review.
5/29/2022	0.50													0.50 Review client feedback on Technical Conference objectives and questions.
5/30/2022	0.50													0.50 Revise questions for Technical Conference based on client feedback. Meet with client to discuss approach for TC.
5/31/2022	5.50													5.50 Finalize strategy and revise questions for Panel #2 based on testimony during Day #1 of Technical Conference. Review May 31st transcripts.
6/1/2022	5.25													5.25 Health questions for Panel #2 based on earlier testimony. Attend TC and review June 1st transcript.
Total Hours	24.00	13.00	2.00	11.50	38.75	0.00	0.00	0.00	0.00	11.00	1.50	0.00	0.00	0.00



# Michael Brophy Consulting Inc.

# INVOICE

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

**DATE:** December 22, 2022  
**INVOICE #** OEB-27-2022 rev1  
**FOR:** EB-2021-0110  
*Hydro One Joint 2023 Rates*

**Bill To:**

Richard Carlson  
Director Energy Policy  
Pollution Probe  
130 Queens Quay East, Suite 902  
Toronto, Ontario  
M5A 0P6

DESCRIPTION	AMOUNT
Consulting - OEB EB-2021-0110 Hydro One 2023-2027 Joint Rates Application Detailed timesheets for Michael Brophy and John DeVenz attached	
Michael Brophy total:80.5 hours @ \$330 per hour	26,565.00
John DeVenz total:188.25 hours @ \$330 per hour	62,122.50
Subtotal	88,687.50
HST (HST #: 75225 9333 RT0001)	11,529.38
<b>Total</b>	<b>100,216.88</b>
less: Interim Payment (incl. HST)	(62,740.43)
<b>TOTAL</b>	<b>\$ 37,476.45</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!**

**Michael Brophy**

<b>CASE</b> EB-2021-0110: Rates: Distribution: Hydro One Networks Inc.	<b>COST CLAIM</b> EB-2021-0110 : 3 : Michael Brophy	<b>INTERVENOR NAME</b> Brophy, Michael; +1 (647) 330-1217 michael.brophy@rogers.com	<b>PARTICIPANT CLAIM STATUS</b> Submitted
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<b>FILING PARTICIPANT</b> Brophy, Michael; +1 (647) 330-1217 michael.brophy@rogers.com	<b>NEW PARTICIPANT</b> No	<b>NON-FILING PARTICIPANT F. NAME</b>	<b>NON-FILING PARTICIPANT L. NAME</b>
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<b>SERVICE PROVIDER TYPE</b> Consultant	<b>YEAR CALLED TO BAR</b>	<b>COMPLETED YEARS PRACTICING/YEARS OF RELEVANT EXPERIENCE</b> 28	<b>HOURLY RATE</b> 330
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<b>CV STATUS (FOR CONSULTANT/ANALYST)</b> CV Provided within Previous 24 Months	<b>LAST CV DATE</b> February 13, 2022	<b>HST RATE CHARGED</b> 13.00
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<b>HEARINGS</b> Yes	<b>CONSULTATIONS</b> No	<b>DISBURSEMENTS</b> No
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**HEARINGS**

<u>Name</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Sub Total</u>	<u>HST Rate</u>	<u>HST</u>	<u>Total</u>
<b>Review Application and Evidence</b>						
Review Application and Evidence	14.50	330	4,785.00	13.00	622.05	5,407.05
<b>Discovery</b>						
Preparation of Interrogatories	13.25	330	4,372.50	13.00	568.43	4,940.93
Review Interrogatory Responses	9.00	330	2,970.00	13.00	386.10	3,356.10
Technical Conference Preparation	11.50	330	3,795.00	13.00	493.35	4,288.35
Technical Conference Attendance	6.00	330	1,980.00	13.00	257.40	2,237.40
Technical Conference Follow Up	1.50	330	495.00	13.00	64.35	559.35
<b>Issues List</b>						
Preparation	1.50	330	495.00	13.00	64.35	559.35
Attendance at Issues Conference		330		13.00		
<b>Intervenor Evidence</b>						
Preparation		330		13.00		
Interrogatory Responses		330		13.00		
Preparation of Witness(es) for Attendance at Hearing		330		13.00		
<b>Settlement Conference / ADR</b>						
Preparation	15.00	330	4,950.00	13.00	643.50	5,593.50
Attendance	2.50	330	825.00	13.00	107.25	932.25
Preparation of Settlement Proposal	1.00	330	330.00	13.00	42.90	372.90
Attendance at Presentation to Panel		330		13.00		
<b>Oral Hearing</b>						
Preparation		330		13.00		
Attendance at Oral Hearing		330		13.00		
<b>Submissions</b>						
Written Submissions		330		13.00		
Oral Submissions		330		13.00		
Attendance at Oral Submissions		330		13.00		
<b>Other Attendance</b>						
Other Attendance		330		13.00		
<b>Communication</b>						
With Client	1.25	330	412.50	13.00	53.63	466.13
With Other Parties	2.00	330	660.00	13.00	85.80	745.80
<b>Motions</b>						
Preparation of Motion(s) Materials	1.50	330	495.00	13.00	64.35	559.35
Prepare Submissions on the Motion(s)		330		13.00		
Attendance at Hearing on Motion(s)		330		13.00		
<b>Confidentiality</b>						



Preparation of Application for Confidentiality	330	13.00	
Prepare Submissions on Confidentiality	330	13.00	
Attendance at Hearing on Confidentiality	330	13.00	
<b>Decision</b>			
Review	330	13.00	
<b>Rate Order</b>			
Review	330	13.00	
Prepare Submission on Rate Order	330	13.00	
<b>Total Service Provider Fees</b>			
Total Service Provider Fees:	26,565.00	3,453.46	30,018.46

## Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Import Message</u>
M Brophy Timesheet 1 of 2.pdf	Time Docket	
M Brophy Timesheet 2 of 2.pdf	Time Docket	
Invoice_OEB_27 2022 rev1.pdf	Invoice	

## Hearings, Consultations, Disbursements Attachments

<u>Attachment</u>	<u>Related Disbursement Claim</u>	<u>Document Type</u>	<u>Claim Type</u>	<u>Import Message</u>
M Brophy Timesheet 1 of 2.pdf		Time Docket	Hearings	
M Brophy Timesheet 2 of 2.pdf		Time Docket	Hearings	
Invoice_OEB_27 2022 rev1.pdf		Invoice	Hearings	

OEB Cost Claim Categories	Review Application and Evidence	Discovery					Issues List	Intervenor Evidence				Settlement Conference /ADR				Oral Hearing	Submissions				Other Attendance	Communication	Motions				Confidentiality				Decision	Rate Order			Summary/Comments				
		Prepare IRs	Review IR Responses	TC Prep	TC Attend	TC Follow up		Preparation	Attend Conference	Prep	IR Responses	Witness Prep for Hearings	Conference Prep	Conference Attend	Prepare Settlement Proposal		Attend Presentation to Panel	Hearing Prep	Attend Hearing	Write Submissions			Oral Submissions	Attendance at Oral Submissions	With Client	With Other Parties	Materials Prep	Submissions Prep	Attend Hearing	Prepare Application		Prepare Submissions	Attend Hearing	Review		Review	Prepare Submission	Total	
10/6/2021	3.00																																		3.00	Review evidence			
10/8/2021	8.00																																		8.00	Review evidence			
10/11/2021		2.50																																	2.50	Interrogatory preparation			
10/24/2021		4.00																																	4.00	Interrogatory preparation			
10/26/2021		4.25																																	4.25	Finalize and file interrogatories			
12/4/2021			2.50	1.00																																3.50	TC prep & coordination		
12/5/2021			3.00	0.75																																3.75	TC prep & coordination		
12/6/2021						1.50																														1.50	Draft Issues List review & input, Intervenor correspondence.		
12/12/2021			1.50	1.00																																2.50	Hydro One updates, issues for TC and correspondence regarding		
12/13/2021					2.00																															2.00	Attend Technical Conference Days 1		
12/13/2021					1.00																															1.00	Review Transcripts TC Day 1 & coordination with J. Devenz		
12/14/2021					1.00																															1.00	Review Transcripts TC Day 2 & coordination with J. Devenz		
12/15/2021					1.00	2.00																															3.00	Review Transcripts TC Day 3 & coordination with J. Devenz	
12/15/2021					1.50	1.00																															2.50	Attend hearing for PP and ORC panel questions	
12/16/2021					1.00																																1.00	Review Transcripts TC Day 4 & coordination with J. Devenz	
12/17/2021					0.75																																0.75	Review Transcripts TC Day 5	
1/8/2022											1.00																										1.00	Settlement prep and correspondence with J. DeVen	
1/19/2022																						1.50														1.50	Motion day review and correspondence with J. DeVen		
1/28/2022											2.00																										2.00	Prep with J. DeVen	
1/31/2022																																					2.00	Intervenor issue coordination	
2/4/2022											2.00											2.00															2.00	Settlement prep and coordination with Intervenor	
2/7/2022												1.50																									1.50	Settlement Conf Day 1 - H1 proposed evidence update and schedule change	
2/10/2022																																					0.50	Review Hydro One and Stakeholder letters, prepare and file letter with OEB	
5/1/2022		1.50																																			1.50	Review updated evidence	
5/1/2022			1.50																																			1.50	Draft IRs
5/2/2022			1.00																																			1.00	Finalise and file IRs
5/20/2022				1.00																																		1.00	Coordination, draft tech conf letter and file
5/28/2022		2.00																																				2.00	review updated evidence
5/29/2022				1.50																																		1.50	coordination with J. DeVen for Technical Conference
5/31/2022					1.00																																	1.00	Attend TC
5/31/2022					1.00																																	1.00	Review TC transcript and coordination with J. DeVen
<b>Total</b>		<b>14.50</b>	<b>13.25</b>	<b>7.00</b>	<b>11.50</b>	<b>6.00</b>	<b>1.50</b>	<b>1.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>65.25</b>				

OEB Cost Claim Categories	Review Application and Evidence	Discovery					Issues List	Intervenor Evidence			Settlement Conference /ADR			Oral Hearing		Submissions		Other Attendance	Communication	Motions		Confidentiality		Decision	Rate Order		Summary/Comments					
		Prepare IRs	Review IR Responses	TC Prep	TC Attend	TC Follow up		Preparation	Attend Conference	Prep	IR Responses	Witness Prep for Hearing	Conference Prep	Conference Attend	Prepare Settlement Proposal	Attend Presentation to Panel	Hearing Prep			Attend Hearing	Write Submissions	Oral Submissions	Attendance at Oral Submissions		With Client	With Other Parties		Materials Prep	Submissions Prep	Attend Hearing	Prepare Application	Prepare Submissions
7/22/2022			2.00								3.00	1.00								0.50												Review IR responses
8/15/2022											2.00									0.75											Settlement Conference	
8/16/2022																															Coordination with J.DeVenz and input to draft offer	
8/17/2022											1.50																				Review offer items and correspondence	
8/21/2022											3.50																				Review offer details and correspondence	
10/23/2022												1.00																			Final settlement draft review	
Total		0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.25	

# Michael Brophy Consulting Inc.

# INVOICE

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

**DATE:** December 22, 2022  
**INVOICE #** OEB-27-2022 rev1  
**FOR:** EB-2021-0110  
*Hydro One Joint 2023 Rates*

**Bill To:**

Richard Carlson  
Director Energy Policy  
Pollution Probe  
130 Queens Quay East, Suite 902  
Toronto, Ontario  
M5A 0P6

DESCRIPTION	AMOUNT
Consulting - OEB EB-2021-0110 Hydro One 2023-2027 Joint Rates Application Detailed timesheets for Michael Brophy and John DeVenz attached	
Michael Brophy total:80.5 hours @ \$330 per hour	26,565.00
John DeVenz total:188.25 hours @ \$330 per hour	62,122.50
Subtotal	88,687.50
HST (HST #: 75225 9333 RT0001)	11,529.38
<b>Total</b>	<b>100,216.88</b>
less: Interim Payment (incl. HST)	(62,740.43)
<b>TOTAL</b>	<b>\$ 37,476.45</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!**