

EB-2021-0118 : 1 : Michael Brophy

COST CLAIM NUMBER 236	SUBMISSION DEADLINE DATE March 02, 2022	CLAIM STATUS Submitted
EB# EB-2021-0118: Initiatives: Regulatory Direction and Oversight: Ontario Energy Board	OTHER EB#S	PHASE #* 1
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 No	EXTENSION DEADLINE DATE

PARTICIPANTS

New	Non-Filing Participant First, Last Name	Filing Participant	Participant Total (\$) Claim Status
No	,	DeVenz, John; + 1 (647) 283-8493 johndevenz@outlook.com	2,237.40 Submitted
No	,	Brophy, Michael; +1 (647) 330-1217 michael.brophy@rogers.com	34,623.78 Submitted

TOTAL LEGAL/CONSULTANT/OTHER FEES 32,620.50	TOTAL DISBURSEMENTS 0.00	TOTAL HST 4,240.68
TOTAL CLAIM 36,861.18	TOTAL AMOUNT AWARDED	
REASON FOR DISALLOWANCE	REASON FOR DISALLOWANCE - 2	REASON FOR DISALLOWANCE - 3

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 February 26, 2022
--------------------------------	-------------------------------------

John DeVenz**CASE**

EB-2021-0118: Initiatives:
Regulatory Direction and
Oversight: Ontario Energy Board

COST CLAIM

EB-2021-0118 : 1 : Michael
Brophy

INTERVENOR NAME

Brophy, Michael; +1 (647)
330-1217
michael.brophy@rogers.com

PARTICIPANT**CLAIM STATUS**

Submitted

FILING PARTICIPANT

DeVenz, John; + 1 (647) 283-8493
johndevenz@outlook.com

NEW**PARTICIPANT**

No

NON-FILING**PARTICIPANT F. NAME****NON-FILING****PARTICIPANT L. NAME****SERVICE PROVIDER TYPE**

Consultant

YEAR CALLED TO BAR**COMPLETED YEARS**

**PRACTICING/YEARS OF
RELEVANT EXPERIENCE**

31

HOURLY RATE

330

CV STATUS (FOR**CONSULTANT/ANALYST)**

CV Attached

LAST CV DATE

February 25, 2022

HST RATE**CHARGED**

13.00

HEARINGS

No

CONSULTATIONS

Yes

DISBURSEMENTS

No

CONSULTATION

<u>Description</u>	<u>Maximum Hours</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Sub Total</u>	<u>HST Rate</u>	<u>HST</u>	<u>Total</u>
FEIWG Meeting #4 - August 24, 2021	8.25	6.00	330	1,980.00	13.00	257.40	2,237.40
Consultation Total							
Total Legal/Consultant Fees				1,980.00		257.40	2,237.40

Attachments**Attachment****Document Type****Import Message**

John DeVenz CV.pdf

CV

FEI WG Hours - John DeVenz.pdf

Time Docket

Invoice_OEB_04 2022.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 CV.pdf		CV	Consultations	
FEI WG Hours - John DeVenz.pdf		Time Docket	Consultations	
Invoice_OEB_04 2022.pdf		Invoice	Consultations	

EB-2021-0118 OEB FEI WG

John DeVenz - Michael Brophy Consulting Inc.

Date	hours	
8/20/2021	1.00	Prep for FEI WG meeting #4
8/23/2021	0.50	Prep for FEI WG meeting #4
8/24/2021	0.50	Prep for FEI WG meeting #4
8/24/2021	4.00	Attend FEI WG meeting #4

total	6.00	
-------	------	--

JOHN DEVENZ, P. ENG., PMP

647 283 8493 • devenzijohn@gmail.com • Toronto, Ontario

CAREER SUMMARY

SUSTAINABILITY AND MANAGEMENT CONSULTANT

2021 - Present

Providing project management, program management, sustainability, energy efficiency, regulatory, technology development & innovation management and strategic planning consulting services.

ENBRIDGE GAS DISTRIBUTION

1991 - 2019

Project Manager, Demand Side Management (DSM) (2012 - 2019)

Provided project management, strategic planning and regulatory support to successfully deliver on the company's annual DSM performance targets.

- Managed a multi-year project to determine the natural gas energy efficiency potential in Enbridge's franchise area. The results were used to inform targets and programs for the company's multi-year DSM plan. Quality results withstood intense scrutiny in a regulatory hearing and ultimately supported by the Ontario Energy Board (OEB).
- Played a lead role in establishing a technical evaluation committee as required by the OEB. Committee established business conduct protocols, conflict of interest rules; identified and recommended 2 independent committee members and initiated a number of evaluation, measurement & verification (EM&V) projects.
- Led the preparation and successful submission of a regulatory filing for Enbridge's DSM mid-term review. Prepared and filed responses to external stakeholder interrogatories.
- Managed a project to determine the methodology and baseline energy efficiency for calculating energy savings attributed to Enbridge's commercial boiler DSM program. Project team reported to the OEB boiler baseline sub-committee of the evaluation advisory committee.

Program Manager, Demand Side Management Partnerships (2006 - 2011)

Managed a collaborative program that leveraged Enbridge's capabilities to deliver conservation services to common customers with electric utilities and municipalities. This involved identifying partnerships to deliver collaborative programs; submit formal proposals; negotiate and execute legal contracts and manage service deliverables.

- Established collaborative partnerships with a number of electric utilities and municipalities to deliver joint conservation programs that enhanced the value to common customers.

Manager, Energy Technology Development (2001 - 2005)

Led a team of professionals in the development of innovative energy technology solutions to reduce costs and provide benefits to gas distribution operations. Oversaw the technology development and innovation process from identification of new technology initiatives, business case development to successful project execution. Worked collaboratively with other natural gas utilities in North America that resulted in an overall funding leverage ratio greater than 15 to 1.

- Enbridge representative on NYSEARCH that is made up of over 15 North American gas utilities. Mandate of NYSEARCH is to collaboratively fund innovation and technology development initiatives for natural gas distribution operations.
- As a member of the Gas Technology Institute (GTI) partnered with other North American utilities in the development of an innovative technology to repair pipelines using specialized tools via a "keyhole" versus conventional approach that used major excavations.
- Partnered with other North American utilities in the development of an infrared natural gas leak detection technology that was superior to conventional technology.

Program Manager, Energy Technology Development Fund (1996 - 2000)

Managed a \$10 million Research and Development Undertakings to the Ontario Government to invest in the development and demonstration of innovative energy technology products that provided environmental and efficiency benefits. Oversaw the opportunity identification process; development of business cases and managed projects to successful completion. Screened over 130 proposals from Ontario based organizations and funded 10 projects in total.

- Reported to an advisory committee that included representatives of the Ontario Ministry of Energy, Natural Resources Canada and the Canadian Gas Association. Submitted annual progress reports to the Ontario Minister of Energy.
- Notable project was a \$1 million investment in the development and commercialization of a robotic technology to repair cast iron pipeline joints from the inside versus using more costly and disruptive conventional excavations. This technology is currently being successfully utilized in North America and Europe.

Program Manager, Energy Technology Development (1991 - 1995)

Managed the industrial natural gas utilization technology development program. This involved the identification, evaluation, technology development and field demonstration of innovative energy technologies for the industrial sector.

PROFESSIONAL ASSOCIATIONS AND INDUSTRY ACTIVITIES

Professional Engineers of Ontario, 1991 - present

Project Management Institute, 2000 - present

OEB DSM Achievable Potential Study, Enbridge representative, 2015 - 2016

IESO CDM Achievable Potential Study, Enbridge representative, 2015 – 2016

Ontario Energy Board, DSM Technical Evaluation Committee, Enbridge representative, 2011 - 2012

Coalition of Large Electricity Distributors and Natural Gas Utilities, Enbridge representative, 2010 - 2011

Ontario Energy Association, DSM Advisory Committee, Enbridge representative, 2008 - 2010

NYSEARCH, Enbridge representative, 2003- 2005

Gas Technology Institute, Enbridge representative, 2001 - 2005

EDUCATION

B. E. Sc., Mechanical Engineering, Western University

Advanced Strategic Leadership Certificate, University of Toronto

Michael Brophy Consulting Inc.

INVOICE

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

DATE: February 25, 2022
INVOICE # OEB-04-2022
FOR: EB-2021-0118
FEI Consultation

Bill To:

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

DESCRIPTION	AMOUNT
Consulting - OEB EB-2021-0118 OEB FEI Consultation	
Detailed timesheets attached	
Michael Brophy: 92.85 hours @ \$330 per hour	30,640.51
John DeVezn: 6 hours @ \$330 per hour	1,980.00
Subtotal	32,620.51
HST (HST #: 75225 9333 RT0001)	4,240.67
TOTAL	\$ 36,861.18

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**CASE**

EB-2021-0118: Initiatives:
Regulatory Direction and
Oversight: Ontario Energy Board

COST CLAIM

EB-2021-0118 : 1 : Michael
Brophy

INTERVENOR NAME

Brophy, Michael; +1 (647)
330-1217
michael.brophy@rogers.com

PARTICIPANT**CLAIM STATUS**

Submitted

FILING PARTICIPANT

Brophy, Michael; +1 (647) 330-1217
michael.brophy@rogers.com

NEW**PARTICIPANT**

No

NON-FILING**PARTICIPANT F. NAME****NON-FILING****PARTICIPANT L. NAME****SERVICE PROVIDER TYPE**

Consultant

YEAR CALLED TO BAR**COMPLETED YEARS****PRACTICING/YEARS OF
RELEVANT EXPERIENCE**

28

HOURLY RATE

330

CV STATUS (FOR**CONSULTANT/ANALYST)**

CV Provided within Previous 24
Months

LAST CV DATE

February 13, 2022

HST RATE**CHARGED**

13.00

HEARINGS

No

CONSULTATIONS

Yes

DISBURSEMENTS

No

CONSULTATION

<u>Description</u>		<u>Maximum</u> <u>Hours</u>	<u>Hours</u>	<u>Hourly</u> <u>Rate</u>	<u>Sub</u> <u>Total</u>	<u>HST</u> <u>Rate</u>	<u>HST</u>	<u>Total</u>
Consultation								
Written Comments on Near-Term Priorities - April 14, 2021		5.00	4.00	330	1,320.00	13.00	171.60	1,491.60
FEIWG Meeting #1 - June 16, 2021		8.25	8.25	330	2,722.50	13.00	353.92	3,076.42
FEIWG Meeting #2 - July 9, 2021		8.25	6.00	330	1,980.00	13.00	257.40	2,237.40
FEIWG Meeting #3 - July 29, 2021		8.25	6.00	330	1,980.00	13.00	257.40	2,237.40
FEIWG Meeting #5 - September 15, 2021		8.25	6.50	330	2,145.00	13.00	278.85	2,423.85
FEIWG Meeting #6 - October 1, 2021		8.25	5.25	330	1,732.50	13.00	225.22	1,957.72
FEIWG Meeting #7 - October 13, 2021		3.75	3.00	330	990.00	13.00	128.70	1,118.70
OEB/IESO Joint Engagement - October 20, 2021		2.00	2.00	330	660.00	13.00	85.80	745.80
FEIWG Meeting #8 - November 10, 2021		10.50	8.25	330	2,722.50	13.00	353.92	3,076.42
FEIWG Meeting #9 - November 24, 2021		8.25	7.00	330	2,310.00	13.00	300.30	2,610.30
Benefit/Cost Sub□Group Meeting #1 - December 1, 2021		2.50	2.25	330	742.50	13.00	96.52	839.02
Benefit/Cost Sub□group Meeting #2 - December 8, 2021		7.50	7.50	330	2,475.00	13.00	321.75	2,796.75
Benefit/Cost Sub□Group Meeting #3 - December 20, 2021		7.50	5.50	330	1,815.00	13.00	235.95	2,050.95
FEIWG Meeting #10 - January 5, 2022		8.60	7.00	330	2,310.00	13.00	300.30	2,610.30
Benefit/Cost Sub□Group Meeting #4 - January 6, 2022		7.50	4.50	330	1,485.00	13.00	193.05	1,678.05
FEIWG Meeting #11 - January 19, 2022		4.50	4.00	330	1,320.00	13.00	171.60	1,491.60
Benefit/Cost Sub□Group Meeting #5 - January 20, 2022		7.50	5.85	330	1,930.50	13.00	250.96	2,181.46
Consultation Total								
Total Legal/Consultant Fees					30,640.50		3,983.24	34,623.74
Total Legal/Consultant Fees					30,640.50		3,983.28	34,623.78

Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Import Message</u>
Brophy Hours tracking to January 20-22.pdf	Time Docket	
Invoice_OEB_04 2022.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>
Brophy Hours tracking to January 20-22.pdf		Time Docket	Consultations	
Invoice_OEB_04 2022.pdf		Invoice	Consultations	

EB-2021-0118

FEI: Distributed Resources & Utility Incentives

M. Brophy

Date	Hours	Eligible Activity	Summary
4/9/2021	3.00	Written Comments	Review materials, draft comments and nomination submission
4/12/2021	1.00	Written Comments	Finalise comments and nomination submission
6/15/2021	2.50	WG#1 Preparation	Review materials and prepare for FEI WG
6/16/2021	5.00	FEI WG#1 Meeting	FEI WG Meeting #1
7/7/2021	1.50	WG#2 Preparation	Review materials and prepare for FEI WG
7/8/2021	0.50	WG#2 Preparation	Review materials, correspondence and prepare for FEI WG
7/9/2021	4.00	FEI WG#2 Meeting	FEI WG Meeting #2
7/25/2021	0.50	WG#3 Preparation	Response to FEI draft scoping document from IGUA. Shared OEB DER deck. Develop and share near term deliverable list from OEB based on May letter.
7/28/2021	1.50	WG#3 Preparation	Review materials, decks and prepare for FEI WG
7/29/2021	4.00	FEI WG#3 Meeting	FEI WG Meeting #3
9/14/2021	2.00	Prep FEI WG meeting #5	Prep for FEI WG meeting #5, materials and case study worksheet.
9/15/2021	4.50	Attend FEI WG meeting #5	
10/1/2021	1.50	Prep for FEI WG meeting #6	Review materials and prepare for FEI WG
10/1/2021	3.75	Attend FEI WG meeting #6	
10/13/2021	1.00	Prep for FEI WG meeting #7	Review materials and prepare for FEI WG
10/13/2021	2.00	Attend FEI WG meeting #7	
10/20/2021		Review IESO stakeholder materials	prep for IESO stakeholder session
10/20/2021	2.00	IESO-OEB DER Stakeholder Session	per OEB cost letter October 14-21
10/22/2021		DER Definition subgroup	DER Definition subgroup discussion with OEB Staff and Ian Mondrow. Correspondence regarding DER definition.
11/9/2021	2.75	Prep FEI WG meeting #8	Prep for FEI WG meeting #8 and AESP NSPM DER presentation circulation to FEI WG.
11/10/2021	5.50	Attend FEI WG meeting #8	
11/23/2021	1.00	Prep FEI WG meeting #9	Prep for FEI WG meeting #9, minutes, milestone status and email comments to FEI WG
11/24/2021	2.25	Prep FEI WG meeting #9	Prep for FEI WG meeting #9, review subgroup, LEI and ICF materials
11/24/2021	4.75	Attend FEI WG meeting #9	
12/1/2021	0.50	BCA subgroup prep	
12/1/2021	1.50	BCA Subgroup Meeting #1	
12/4/2021	4.00	Prep and circulate BCA presentation	Presentation on cost effectiveness approach under NSPM for DER and correspondence with BCA subgroup
12/8/2021	3.50	BCA Subgroup Meeting #2	
12/18/2021	2.50	BCA subgroup prep	Review material and complete BCA survey
12/20/2021	3.00	BCA Subgroup Meeting #3	
1/4/2022	2.25	Prep FEI WG meeting #10	Review materials and prep for FEI WG
1/5/2022	4.75	Attend FEI WG meeting #10	
1/5/2022	2.00	BCA subgroup prep	
1/6/2022	2.50	BCA Subgroup Meeting #4	
1/17/2022	1.00	BCA subgroup #5 prep	Review material, BC draft report section key points and correspondence to subgroup
1/19/2022	1.25	Prep FEI WG meeting #11	Review materials draft Integration scope and prep for Status Report issues and recommendations
1/19/2022	2.75	Attend FEI WG meeting #11	
1/20/2022	1.00	BCA subgroup #5 prep	
1/20/2022	2.85	BCA Subgroup Meeting #5	
1/21/2022	0.50	meeting 5 follow-up	Review draft TOR and comments for Intergration. Provide comments.
1/26/2022	0.50	BCA draft report	Initial comments and wording
total	92.85		

Michael Brophy Consulting Inc.

INVOICE

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

DATE: February 25, 2022
INVOICE # OEB-04-2022
FOR: EB-2021-0118
FEI Consultation

Bill To:

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

DESCRIPTION	AMOUNT
Consulting - OEB EB-2021-0118 OEB FEI Consultation	
Detailed timesheets attached	
Michael Brophy: 92.85 hours @ \$330 per hour	30,640.51
John DeVezn: 6 hours @ \$330 per hour	1,980.00
Subtotal	32,620.51
HST (HST #: 75225 9333 RT0001)	4,240.67
TOTAL	\$ 36,861.18

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!