

EB-2022-0013 : 1: Debbie Dey

COST CLAIM NUMBER 910	SUBMISSION DEADLINE DATE December 12, 2022	CLAIM STATUS Approved by Finance
EB# EB-2022-0013: Rates: Distribution: Alectra Utilities Corporation	OTHER EB#S	PHASE #* 1
INTERVENOR Dey, Debbie; +1 (416) 864-9700 x.216 ddey@foglers.com	INTERVENOR COMPANY* Building Owners and Managers Association, Toronto: Cooperative	INTERVENOR TYPE Full Registrant
HST RATE ONTARIO 13.00	EXCHANGE RATE	COUNTRY
HST NUMBER R119420859	LATE SUBMISSION ALLOWED No	EXTENSION DEADLINE DATE

PARTICIPANTS

New	Non-Filing Participant First, Last Name	Filing Participant	Participant Total (\$)	Claim Status
No	,	Jarvis, Ian; +1 (416) 915-1530 x.203 ijarvis@enerlife.com	2,517.08	Submitted

ATTACHMENTS

Attachment	Attachment Date	Participant	Document Type	Claim Type	Import Message
BOMA EB-2022-0013 Cost Claim 120620221007.pdf					

TOTAL LEGAL/CONSULTANT/OTHER FEES 2,227.50	TOTAL DISBURSEMENTS 0.00	TOTAL HST 289.58
---	-----------------------------	---------------------

TOTAL CLAIM 2,517.08	TOTAL AMOUNT AWARDED
-------------------------	----------------------

REASON FOR DISALLOWANCE	REASON FOR DISALLOWANCE - 2	REASON FOR DISALLOWANCE - 3
----------------------------	--------------------------------	--------------------------------

MAKE CHEQUE PAYABLE TO  
Enerlife Consulting Inc.

SEND PAYMENT TO ADDRESS  
90 Eglinton Avenue East  
Suite 412  
Toronto, ON  
M4P 2Y3

ATTENTION

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 Debbie Dey	DATE SUBMITTED December 06, 2022
----------------------------	-------------------------------------

**Ian Jarvis**

<b>CASE</b>	<b>COST CLAIM</b>	<b>INTERVENOR NAME</b>	<b>PARTICIPANT CLAIM STATUS</b>
EB-2022-0013: Rates: Distribution: Alectra Utilities Corporation	EB-2022-0013 : 1 : Debbie Dey	Dey, Debbie; +1 (416) 864-9700 x.216 ddey@foglers.com	Submitted

<b>FILING PARTICIPANT</b>	<b>NEW PARTICIPANT</b>	<b>NON-FILING PARTICIPANT F. NAME</b>	<b>NON-FILING PARTICIPANT L. NAME</b>
Jarvis, Ian; +1 (416) 915-1530 x.203 ijarvis@enerlife.com	No		

<b>SERVICE PROVIDER TYPE</b>	<b>YEAR CALLED TO BAR</b>	<b>COMPLETED YEARS PRACTICING/YEARS OF RELEVANT EXPERIENCE</b>	<b>HOURLY RATE</b>
Consultant		30	330

<b>CV STATUS (FOR CONSULTANT/ANALYST)</b>	<b>LAST CV DATE</b>	<b>HST RATE CHARGED</b>
CV Attached	December 06, 2022	13.00

<b>HEARINGS</b>	<b>CONSULTATIONS</b>	<b>DISBURSEMENTS</b>
Yes	No	No

**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		330		13.00		
<b>Discovery</b>						
Preparation of Interrogatories	2.75	330	907.50	13.00	117.98	1,025.48
Review Interrogatory Responses		330		13.00		
Technical Conference Preparation		330		13.00		
Technical Conference Attendance		330		13.00		
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		330		13.00		
Attendance		330		13.00		
Preparation of Settlement Proposal		330		13.00		
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	4.00	330	1,320.00	13.00	171.60	1,491.60
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		330		13.00		
With Other Parties		330		13.00		
<b>Motions</b>						
Preparation of Motion(s) Materials		330		13.00		
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:	2,227.50		289.58	2,517.08

---

## Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Import Message</u>
Invoice 3647 OEB EB-2022-0013.pdf	Time Docket	
Invoice 3647 OEB EB-2022-0013.pdf	Invoice	
Enerlife CV Ian Jarvis 2022	CV	

---



---

## Hearings, Consultations, Disbursements Attachments

<u>Attachment</u>	<u>Related Disbursement Claim</u>	<u>Document Type</u>	<u>Claim Type</u>	<u>Import Message</u>
Invoice 3647 OEB EB-2022-0013.pdf		Time Docket	Hearings	
Invoice 3647 OEB EB-2022-0013.pdf		Invoice	Hearings	
Enerlife CV Ian Jarvis 2022		CV	Hearings	

**Bill To:** Enbridge Gas Inc.  
Attn: Angela Monforton  
PO Box 650  
Scarborough, ON M1K 5E3  
**Re:** OEB – EB-2022-0013 Alectra Utilities Corporation ICM  
**Date:** Tuesday, November 29, 2022

**Invoice: 3647**

Date	Hours	Analyst/Consultant/ Case Mgmt	Description	Rate	Total
Monday, July 11, 2022	2.50	Ian Jarvis	Review correspondence, draft submission	\$ 330.00	\$825.00
Tuesday, July 12, 2022	0.25	Ian Jarvis	Review correspondence	\$ 330.00	\$82.50
Monday, July 18, 2022	0.50	Ian Jarvis	BOMA Energy Committee briefing prep	\$ 330.00	\$165.00
Tuesday, July 19, 2022	0.50	Ian Jarvis	BOMA Energy Committee briefing	\$ 330.00	\$165.00
Wednesday, July 20, 2022	1.50	Ian Jarvis	BOMA Energy Committee prep and briefing	\$ 330.00	\$495.00
Thursday, August 18, 2022	1.00	Ian Jarvis	Review documentaion	\$ 330.00	\$330.00
Friday, September 16, 2022	0.50	Ian Jarvis	Review correspondence	\$ 330.00	\$165.00
					<b>\$2,227.50</b>

Business number 86868 2014 RT0001

HST \$289.58  
**\$2,517.08**

Payment due upon receipt of invoice.  
Please make cheque payable to Enerlife Consulting Inc.

Ian A. Jarvis  
President

**Bill To:** Enbridge Gas Inc.  
Attn: Angela Monforton  
PO Box 650  
Scarborough, ON M1K 5E3  
**Re:** OEB – EB-2022-0013 Alectra Utilities Corporation ICM  
**Date:** Tuesday, November 29, 2022

**Invoice: 3647**

Date	Hours	Analyst/Consultant/ Case Mgmt	Description	Rate	Total
Monday, July 11, 2022	2.50	Ian Jarvis	Review correspondence, draft submission	\$ 330.00	\$825.00
Tuesday, July 12, 2022	0.25	Ian Jarvis	Review correspondence	\$ 330.00	\$82.50
Monday, July 18, 2022	0.50	Ian Jarvis	BOMA Energy Committee briefing prep	\$ 330.00	\$165.00
Tuesday, July 19, 2022	0.50	Ian Jarvis	BOMA Energy Committee briefing	\$ 330.00	\$165.00
Wednesday, July 20, 2022	1.50	Ian Jarvis	BOMA Energy Committee prep and briefing	\$ 330.00	\$495.00
Thursday, August 18, 2022	1.00	Ian Jarvis	Review documentaion	\$ 330.00	\$330.00
Friday, September 16, 2022	0.50	Ian Jarvis	Review correspondence	\$ 330.00	\$165.00
					<b>\$2,227.50</b>

Business number 86868 2014 RT0001

HST \$289.58  
**\$2,517.08**

Payment due upon receipt of invoice.  
Please make cheque payable to Enerlife Consulting Inc.

Ian A. Jarvis  
President

## IAN JARVIS BSc, PEng

President, Enerlife Consulting Inc., 2001 to present  
ian.jarvis@enerlife.com 416-915-1530 ext. 203

### SUMMARY OF PROFESSIONAL EXPERIENCE

Enerlife's founder and president since 2001, Ian Jarvis is a recognized business leader, and an authority on energy conservation, green buildings and sustainable communities. Since presenting his paper on the first utility data analysis system to the CIB Congress in Stockholm in August 1983, Ian has been at the leading edge of practice and research of high performance buildings for three decades. He is the principal architect of Enerlife's evidence-based building performance diagnostic, management and reporting methodology, tools and online system. Ian provides strategic and technical advice to Enerlife's projects and clients, forms and leads Integrated Building Performance Teams, and brings unique knowledge and experience of achieving and sustaining exceptional performance in individual buildings, sectors, campuses and portfolios. He is an expert witness in regulatory hearings, and advises governments and utility companies on policy and program design and evaluation. Ian is an accomplished speaker and workshop leader, and has authored many articles and reports on energy efficiency in buildings.

Ian co-chaired the working group for CivicAction's Race to Reduce from 2013-2016, a large-scale, collaborative program among landlords and tenants which is substantially improving the energy and environmental performance of office buildings. He has also been an adjudicator of the NAIOP REX Green Award for commercial buildings.

From 1992 to 1999 Ian was CEO of a leading energy performance contractor responsible for many of the largest energy retrofit projects in North America. Ian served as founding chair of the Canada Green Building Council from 2003-2007, and as a director of Milton Hydro, one of the most progressive local electric distribution utilities in Ontario, from 2000-2007. In 2013, Ian was an expert witness at the Ontario Energy Board's hearing on Enbridge's Greater Toronto Area pipeline. In 2015, he received the Leader Award from the Canada Green Building Council's Greater Toronto Chapter.

Ian represented the energy efficiency industry on the 1998 Team Canada trade mission to South America, and was the Canadian Government's invited private sector representative at the 1999 Hemispheric Energy Ministers' Conference in New Orleans. In 2001 he was a member of Premier Hamm's expert panel advising the Nova Scotia Government on energy policy alternatives.

### HIGHLIGHTS OF EXPERIENCE

- Over 30 years' experience at the leading edge of energy performance in buildings
- Founding partner and CEO of Rose Technology Group during growth across Canada and the United States
- Principal architect of performance-based conservation as a new, evidence-based methodology for buildings

### AREAS OF SPECIALIZATION

- Vision and strategy development
- Authority on evidence-based energy conservation in buildings
- Portfolio and sectoral program design
- Author of thought leadership articles & reports
- Leadership of multi-disciplinary workshops and project teams
- Keynote addresses and speaking engagements

### PROFESSIONAL AFFILIATIONS

- Founding Chair, Canada Green Building Council (2003 – 2007)
- Member, National Advisory Council on Energy Efficiency (1999 to present)
- Member, Ontario Energy Minister's Advisory Committee (2006 – 2011)
- Professional Engineers Ontario

### ACADEMIC QUALIFICATIONS

- Bachelor of Science (Honours), Mechanical Engineering, Imperial College of Science and Technology, University of London

## RELEVANT PROJECTS

### Hospital Projects

Ian has been directly responsible for all Enerlife assignments related to new hospital development over the past 5 years, including the West Park and South Niagara Hospital projects, working as specialist advisor to hospital management. Between 2014-2017 he was the project lead for assignments with Baycrest, Muskoka Algonquin and Orillia Soldiers' Memorial leading to resolution of guaranteed savings disputes. He is the principal responsible for the Markham Stouffville, West Park and Alberta Health Services projects.

### Cadillac Fairview Corporation

Developed and leads the integrated building performance process taking five major commercial office buildings to achieving unprecedented levels of energy and water efficiency. All buildings have achieved high 90s in Energy Star scores. The flagship building, Simcoe Place, won the 2013 Race to Reduce Energy Champion award for both the approach and the substantive energy savings achieved. The integrated building performance process at Simcoe Place has been showcased by the Independent Electricity System Operator numerous times at conferences, in advertising and through on-site tours.

### Climate Challenge Network Programs

Concept design, development and ongoing executive oversight of large-scale energy conservation potential studies and program delivery including:

- Greening Health Care (since 2004), Mayors' Megawatt Challenge (since 2003), Sustainable Schools (since 2005)

### Ontario Energy and Infrastructure Markets Consultant

Ian is a recognized authority on Measurement and Verification of energy savings. He served as a member of the joint IESO/OEB advisory committee examining conservation potential in Ontario and represents building owners in regulatory hearings on energy savings incentive programs. He advised both Enbridge and the IESO on development of their performance-based incentive programs.

### Public Sector Energy Conservation and Demand Management Plans

Development of concise, consistent, evidence-based plans for achieving top-quartile energy performance for hospitals, K-12 schools, municipalities and 615 New York State nursing homes.

### Simcoe County District School Board

Master planning, development and deployment of a comprehensive evidence-based implementation project to achieve targeted energy performance standards in high-potential schools, resulting in energy savings of over \$3.5 million. A subsequent phase of this program, also managed by Enerlife, is currently underway.

### 20 by '15 Commercial Office Building Target (for Real Property Association of Canada)

Development of Real Property Association of Canada's 20 by '15 energy performance target and white paper for commercial office buildings and the related methodology and reporting template for their national benchmarking program.

### Oxford Properties

Technical content for development of their Sustainable Intelligence Operations Guide for Office Buildings, a practical tool for enhancing the environmental performance of Oxford's buildings. Development of corporate energy and emissions reduction potential for almost 100 buildings in Canada, the United States and Europe.

### GREEN UP Pilot Projects and Programs (for Canada Green Building Council), 2007-2012

Concept design, development and executive oversight of national GREEN UP pilot projects and program development for the Canada Green Building Council (CaGBC). The pilot projects informed and tested the introduction of LEED Existing Buildings: O+M in Canada, and established GREEN UP across Canada as the CaGBC's performance-based complement to LEED Canada.

## PUBLICATIONS & RESEARCH

"Getting to 20: Achieving 20 ekWh/sf/year in Town/City Halls by 2015" White paper for Toronto and Region Conservation Authority, 2013

"Where the Green Jobs Are: Harnessing the Energy Conservation Potential in Buildings" White paper, 2011

"20 by '15: Achieving the Office Building Target of 20 ekWh/ft<sup>2</sup>/year by 2015" White paper for the Real Property Association of Canada, 2009

"Closing the loops: How real building performance data drive continual improvement" Article for Intelligent Buildings International journal, 2009

"A Deeper Shade of Green" Article for ReNew Canada: The Infrastructure Renewal Magazine, 2007

"Realizing the Electricity Conservation potential in Ontario's Private Rental Housing Sector" Study for the Ontario Power Authority, 2006

National study for Natural Resources Canada into actual versus modeled energy performance of buildings designed under the federal CBIP program, 2004

"Making Ontario the Leader in Energy Efficiency" (Co-author) A study for the Ontario Ministry of Energy, which became the foundation document for Ontario's Green Energy Act, 2003

"Sustainable Peterborough" A guide to sustainable communities sponsored by the Government of Canada, 2002

"The SUMAC System: Relentless Progress Towards Optimum Energy Use in Buildings" Presentation to the CIB Congress in Stockholm, Sweden, 1983