

EB-2021-0292 : 1 : Albert Engel

COST CLAIM NUMBER 372	SUBMISSION DEADLINE DATE April 14, 2022	CLAIM STATUS Approved by Finance
EB# EB-2021-0292: Rates: Distribution: Independent Electricity System Operator	OTHER EB#S	PHASE #* 1
INTERVENOR Engel, Albert; +1 (416) 864-7602 aengel@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 (\$)	Participant Claim Status
No	,	Engel, Albert; +1 (416) 864-7602 aengel@foglers.com	1,068.30	Submitted
No	,	Jarvis, Ian; +1 (416) 915-1530 x.203 ijarvis@enerlife.com	7,644.45	Submitted
Yes	Pavel , Rusyaev		768.40	Submitted
No	,	Henderson, Gillian; +1(416) 915-1530 gillian.henderson@enerlife.com	1,678.05	Submitted

ATTACHMENTS

Attachment	Attachment Date	Participant	Document Type	Claim Type	Import Message
BOMA EB-2021-0292 Cost Claim 041420221305.pdf					

TOTAL LEGAL/CONSULTANT/OTHER FEES 9,875.40	TOTAL DISBURSEMENTS 0.00	TOTAL HST 1,283.80
TOTAL CLAIM 11,159.20	TOTAL AMOUNT AWARDED	

REASON FOR DISALLOWANCE	REASON FOR DISALLOWANCE - 2	REASON FOR DISALLOWANCE - 3
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MAKE CHEQUE PAYABLE TO
Fogler, Rubinoff LLP

SEND PAYMENT TO ADDRESS
77 King Street West, Suite 3000
Toronto, ON M5K 1G8

ATTENTION
Accounting Department

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
April 14, 2022

Albert Engel

CASE EB-2021-0292: Rates: Distribution: Independent Electricity System Operator	COST CLAIM EB-2021-0292 : 1 : Albert Engel	INTERVENOR NAME Engel, Albert; +1 (416) 864-7602 aengel@foglers.com	PARTICIPANT CLAIM STATUS Submitted
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FILING PARTICIPANT Engel, Albert; +1 (416) 864-7602 aengel@foglers.com	NEW PARTICIPANT No	NON-FILING PARTICIPANT F. NAME	NON-FILING PARTICIPANT L. NAME
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SERVICE PROVIDER TYPE Legal Counsel	YEAR CALLED TO BAR 2002	COMPLETED YEARS PRACTICING/YEARS OF RELEVANT EXPERIENCE 19	HOURLY RATE 290
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CV STATUS (FOR CONSULTANT/ANALYST) CV Attached	LAST CV DATE April 07, 2022	HST RATE CHARGED 13.00
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HEARINGS Yes	CONSULTATIONS No	DISBURSEMENTS 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>
Review Application and Evidence						
Review Application and Evidence	2.36	290	684.40	13.00	88.97	773.37
Discovery						
Preparation of Interrogatories		290		13.00		
Review Interrogatory Responses		290		13.00		
Technical Conference Preparation		290		13.00		
Technical Conference Attendance		290		13.00		
Technical Conference Follow Up		290		13.00		
Issues List						
Preparation		290		13.00		
Attendance at Issues Conference		290		13.00		
Intervenor Evidence						
Preparation		290		13.00		
Interrogatory Responses		290		13.00		
Preparation of Witness(es) for Attendance at Hearing		290		13.00		
Settlement Conference / ADR						
Preparation		290		13.00		
Attendance		290		13.00		
Preparation of Settlement Proposal		290		13.00		
Attendance at Presentation to Panel		290		13.00		
Oral Hearing						
Preparation		290		13.00		
Attendance at Oral Hearing		290		13.00		
Submissions						
Written Submissions		290		13.00		
Oral Submissions		290		13.00		
Attendance at Oral Submissions		290		13.00		
Other Attendance						
Other Attendance	0.90	290	261.00	13.00	33.93	294.93
Communication						
With Client		290		13.00		
With Other Parties		290		13.00		
Motions						
Preparation of Motion(s) Materials		290		13.00		
Prepare Submissions on the Motion(s)		290		13.00		
Attendance at Hearing on Motion(s)		290		13.00		
Confidentiality						

Preparation of Application for Confidentiality	290	13.00	
Prepare Submissions on Confidentiality	290	13.00	
Attendance at Hearing on Confidentiality	290	13.00	
Decision			
Review	290	13.00	
Rate Order			
Review	290	13.00	
Prepare Submission on Rate Order	290	13.00	
Total Service Provider Fees			
Total Service Provider Fees:	945.40	122.90	1,068.30

Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Import Message</u>
Prebill_1184698_April_7__2022.pdf	Time Docket	
Albert Engel CV - Resume - Bio.pdf	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>
Prebill_1184698_April_7__2022.pdf		Time Docket	Hearings	
Albert Engel CV - Resume - Bio.pdf		CV	Hearings	

Prebill # 1184698 Session: 696858 Bill to: 07/Apr/22

FOGLER, RUBINOFF LLP

Page 1

Client: F1588

Fraser & Company

CLIENT LAWYER: Engel, Albert M.

MATTER_LAWYER: Brett, Thomas

LAWYER ON BILL: Engel, Albert M.

LAST BILL DATE: 11/Dec/19

PAYOR NAME & ADDRESS

Independent Electricity System

Operator

1600 - 120 Adelaide Street West

Toronto, ON

M5H 1T1

Canada

Attn: Miriam Heinz

PAYOR: 10911 MAIN

BILL: 10911 MAIN

Matter: 185554

BOMA - EB-2021-0292: IESO,
2021 Third Party Application

ACCOUNT APPROVAL

Albert Engel

[] FINAL BILL: MATTER WILL BE MADE INACTIVE

UNBILLED TIME

<u>LAST ENTRY</u>	<u>TIMEKEEPER</u>	<u>HOURS</u>	<u>AMOUNT</u>	<u>FEE CREDIT ALLOCATION</u>	<u>CODE</u>	<u>INIT</u>
30/Sep/21	Albert Engel	3.26	945.40	[] AS DOCKETED	433	AME
TOTAL UNBILLED FEES		3.26	945.40	[] WRITE OFF		
PREMIUM (WRITE DOWN)						
TOTAL FEES THIS BILL						

TRUST SUMMARY

TD Cdn Blended B1 \$0.00

MATTER BILLING SNAPSHOT

	<u>FEES</u>	<u>DISBURSEMENTS</u>	<u>GST</u>	<u>TOTAL</u>
BILLED TO DATE	10,494.00	451.95	1,422.98	12,368.93
PAID TO DATE	10,494.00	451.95	1,422.98	12,368.93
BILLED WRITE OFFS	0.00	0.00	0.00	0.00
BALANCE DUE	0.00	0.00	0.00	0.00

UNBILLED WRITE OFFS

DATE W/O # FEES DISB

FOGLER, RUBINOFF
BILLING STATEMENT TO 07/Apr/22

Payor/Matter: I0911/**185554**
 Independent Electricity System Operator
 BOMA - EB-2021-0292: IESO, 2021 Third Party Application

LAST BILL DATE: 11/Dec/19
 LAST BILLED TO DATE: 11/Dec/19
 FILE LAWYER: Brett, Thomas
 ASSIGNED LAWYER: Brett, Thomas

BILL ADDRESS
 Independent Electricity System
 Operator
 1600 - 120 Adelaide Street West
 Toronto, ON M5H 1T1
 CANADA

PAYOR DEFAULT ADDRESS
 1600 - 120 Adelaide Street West
 Toronto, ON
 M5H 1T1

Prebill No.: 1184698
 Session ID: 696858

Heinz, Miriam

DETAIL OF UNBILLED TIME

<u>DATE</u>	<u>TIME ID</u>	<u>TIMEKEEPER</u>	<u>HOURS</u>	<u>RATE</u>	<u>AMOUNT</u>	<u>DESCRIPTION</u>
13/Apr/21	3857911	433 AME	0.30	290.00	87.00	Reviewed materials.
16/Apr/21	3857962	433 AME	0.75	290.00	217.50	Prepared for and participated in videoconference.
14/May/21	3879054	433 AME	1.13	290.00	327.70	Reviewed and responded to correspondence
19/May/21	3879133	433 AME	0.18	290.00	52.20	Reviewed correspondence
30/Sep/21	3979783	433 AME	0.90	290.00	261.00	Reviewed BOMA submissions and IESO presentation and attended IESO presentation
TOTAL TIME			3.26		945.40	

TRUST HISTORY TO 06/Apr/22

<u>DATE</u>	<u>TYPE</u>	<u>PAYOR/PAYEE</u>	<u>AMOUNT</u>	<u>DESCRIPTION</u>	<u>AUDIT</u>
TD Cdn Blended					
Invested:					
Total Invested:			0.00		
Available:					
03/Jan/20	CR	Independent Electricity System Operator	12,461.58	Costs award	2225578
13/Jan/20	CH	Independent Electricity System Operator	(92.65)	Overpayment TB	CH#10080768
14/Jan/20	CH	Fogler Rubinoff LLP, in Trust	(12,368.93)	To pay account 219-17334 Carol	CH#10080783
Total Available:			0.00		
BALANCE IN TD Cdn Blended			0.00		
CLOSING BALANCE – ALL TRUST			0.00		

ACCOUNTS RECEIVABLE HISTORY TO 06/Apr/22

<u>BILL #</u>	<u>TYPE</u>	<u>DATE</u>	<u>FEES</u>	<u>DISB</u>	<u>TAX</u>	<u>TOTAL</u>	<u>PAYOR</u>	<u>PAYOR/COMMENT</u>	<u>AUDIT</u>
21917334	BL	11/Dec/19	10,494.00	451.95	1,422.98	12,368.93	I0911		2218457
21917334	CR	15/Jan/20	(10,494.00)	(451.95)	(1,422.98)	(12,368.93)	I0911	Fogler Rubinoff in trust	2228580
TOTAL OUTSTANDING						\$0.00			



Practice Areas:

- Environmental
- Energy
- Municipal
- Construction

Education and Qualifications:

Certified Specialist – Environmental Law, 2017

Called to Ontario Bar 2002

B.Sc. (Hons), York University, 1996

M.E.S./LL.B., York University, 2000

Memberships:

Ontario Bar Association,
Environmental Law Section Chair
(2020-2021)

Advocates' Society

Ontario Environmental Industry
Association (ONEIA)

Name: Albert M. Engel
Position: Partner
Direct Line: 416.864.7602
Email: aengel@foglers.com
Fax: 416.941.8852

Albert maintains a broad litigation practice with a particular focus on environmental, energy, municipal and construction law matters. He is certified by the Law Society of Ontario as a specialist in Environmental Law, has a Masters in Environmental Studies and joined Foglers in 2010 after 10 years of practicing environmental law at Ontario's environment ministry.

Representative Work:

Environmental

- Risk allocation in real estate and business transactions involving contaminated property
- Remediation agreements, audits, approvals and orders
- Permitting and approvals
- Prosecution and defence of civil and administrative matters involving contaminants
- Defence of regulatory prosecutions

Energy

- OEB proceedings on behalf of developers in respect of wind and solar energy installations in Ontario including EB-2014-0295; EB-2014-0355; EB-2015-0249; EB-2018-0312; EB-2019-0083; EB-2019-0116
- OEB proceedings on behalf of a Commercial Real Estate Industry association in relation to electricity and gas including EB-2019-0159; EB-2019-0261; EB-2020-0066; EB-2020-0091; EB-2020-0094 and EB-2020-0133

Municipal

- Representation of developers and landowners in aspects of municipal, regulatory and environmental issues related to the development, redevelopment and use of land, including expropriation

Construction

- Prosecution and defence of claims related to construction projects including construction liens, trust, negligence and delay claims
- Dispute resolution through mediation, arbitration and litigation

Ontario Environmental Industry Association (ONEIA)

Ian Jarvis

CASE EB-2021-0292: Rates: Distribution: Independent Electricity System Operator	COST CLAIM EB-2021-0292 : 1 : Albert Engel	INTERVENOR NAME Engel, Albert; +1 (416) 864-7602 aengel@foglers.com	PARTICIPANT CLAIM STATUS Submitted
FILING PARTICIPANT Jarvis, Ian; +1 (416) 915-1530 x.203 ijarvis@enerlife.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 30	HOURLY RATE 330
CV STATUS (FOR CONSULTANT/ANALYST) CV Attached	LAST CV DATE April 14, 2022		HST RATE CHARGED 13.00
HEARINGS Yes	CONSULTATIONS No	DISBURSEMENTS 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>
Review Application and Evidence						
Review Application and Evidence	0.50	330	165.00	13.00	21.45	186.45
Discovery						
Preparation of Interrogatories		330		13.00		
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		
Issues List						
Preparation		330		13.00		
Attendance at Issues Conference		330		13.00		
Intervenor Evidence						
Preparation		330		13.00		
Interrogatory Responses		330		13.00		
Preparation of Witness(es) for Attendance at Hearing		330		13.00		
Settlement Conference / ADR						
Preparation	2.00	330	660.00	13.00	85.80	745.80
Attendance	15.00	330	4,950.00	13.00	643.50	5,593.50
Preparation of Settlement Proposal	3.00	330	990.00	13.00	128.70	1,118.70
Attendance at Presentation to Panel		330		13.00		
Oral Hearing						
Preparation		330		13.00		
Attendance at Oral Hearing		330		13.00		
Submissions						
Written Submissions		330		13.00		
Oral Submissions		330		13.00		
Attendance at Oral Submissions		330		13.00		
Other Attendance						
Other Attendance		330		13.00		
Communication						
With Client		330		13.00		
With Other Parties		330		13.00		
Motions						
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		
Confidentiality						

Preparation of Application for Confidentiality	330	13.00	
Prepare Submissions on Confidentiality	330	13.00	
Attendance at Hearing on Confidentiality	330	13.00	
Decision			
Review	330	13.00	
Rate Order			
Review	330	13.00	
Prepare Submission on Rate Order	330	13.00	
Total Service Provider Fees			
Total Service Provider Fees:	6,765.00	879.45	7,644.45

Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Import Message</u>
Enerlife_Invoice.pdf	Invoice	
Enerlife CV Ian Jarvis 2022	CV	
EB-2021-0307.pdf		
Enerlife_Time_Dockets.pdf	Time Docket	

Hearings, Consultations, Disbursements Attachments

<u>Attachment</u>	<u>Related Disbursement Claim</u>	<u>Document Type</u>	<u>Claim Type</u>	<u>Import Message</u>
Enerlife_Invoice.pdf		Invoice	Hearings	
Enerlife CV Ian Jarvis 2022		CV	Hearings	
EB-2021-0307.pdf				
Enerlife_Time_Dockets.pdf		Time Docket	Hearings	



90 Eglinton Ave. East, Suite 412
Toronto, ON
M4P 2Y3
Canada
Tel: 416.915.1530

To: Ontario Energy Board
2300 Yonge Street
Suite 2701
Toronto, Ontario M4P 1E4

Re: EB-2021-0292 IESO SME
Access: Smart Metering Entity

Date: Tuesday, April 12, 2022

Fax: 416.915.1534

Invoice: 3479

Date	Hours	Analyst/Consultant/Case Mgmt	Description	Rate	Total
Monday, December 13, 2021	0.25	Ian Jarvis	Review correspondence	\$ 330.00	\$82.50
Saturday, January 15, 2022	1.25	Ian Jarvis	Prep for meeting, review application	\$ 330.00	\$412.50
Monday, January 17, 2022	7.50	Ian Jarvis	Prep for meeting, review material, attend meeting	\$ 330.00	\$2,475.00
Tuesday, January 18, 2022	3.50	Ian Jarvis	Settlement conference participation	\$ 330.00	\$1,155.00
Wednesday, January 19, 2022	0.75	Ian Jarvis	Debrief with Gillian Henderson	\$ 330.00	\$247.50
Thursday, January 20, 2022	4.00	Ian Jarvis	Attend meeting	\$ 330.00	\$1,320.00
Friday, January 21, 2022	0.50	Ian Jarvis	Review correspondence re: settlement	\$ 330.00	\$165.00
Tuesday, February 1, 2022	1.50	Ian Jarvis	Review draft settlement agreement	\$ 330.00	\$495.00
Wednesday, February 9, 2022	0.25	Ian Jarvis	Review correspondence re: settlement	\$ 330.00	\$82.50
Thursday, February 10, 2022	0.25	Ian Jarvis	Review final draft re: settlement agreement	\$ 330.00	\$82.50
Monday, February 14, 2022	0.50	Ian Jarvis	Review final settlement agreement	\$ 330.00	\$165.00
Wednesday, February 23, 2022	0.25	Ian Jarvis	Review correspondence	\$ 330.00	\$82.50
Monday, January 17, 2022	4.00	Paval Rusyaev	Creation of reports	\$ 170.00	\$680.00
Tuesday, January 18, 2022	3.00	Gillian Henderson	Prep for meeting, review material, attend meeting	\$ 330.00	\$990.00
Thursday, January 20, 2022	1.50	Gillian Henderson	Attend meeting	\$ 330.00	\$495.00
Tuesday, April 12, 2022	1.50	Kelly Bruce	Final review of correspondence	\$ 170.00	\$255.00
					<u>\$9,185.00</u>

Business number 86868 2014 RT0001

HST \$1,194.05
\$10,379.05

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

Ian A. Jarvis
President



90 Eglinton Ave. East, Suite 412
Toronto, ON
M4P 2Y3
Canada
Tel: 416.915.1530

To: Ontario Energy Board
2300 Yonge Street
Suite 2701
Toronto, Ontario M4P 1E4

Re: EB-2021-0292 IESO SME
Access: Smart Metering Entity

Date: Tuesday, April 12, 2022

Fax: 416.915.1534

Invoice: 3479

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Business number 86868 2014 RT0001

HST \$1,194.05
\$10,379.05

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/ft²/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

CASE
EB-2021-0292: Rates:
Distribution: Independent
Electricity System Operator

COST CLAIM
EB-2021-0292 : 1 : Albert Engel

INTERVENOR NAME
Engel, Albert; +1 (416) 864-7602
aengel@foglers.com

**PARTICIPANT
CLAIM STATUS**
Submitted

FILING PARTICIPANT	NEW PARTICIPANT Yes	NON-FILING PARTICIPANT F. NAME Pavel	NON-FILING PARTICIPANT L. NAME Rusyaev
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SERVICE PROVIDER TYPE Consultant	YEAR CALLED TO BAR	COMPLETED YEARS PRACTICING/YEARS OF RELEVANT EXPERIENCE 5	HOURLY RATE 170
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CV STATUS (FOR CONSULTANT/ANALYST) CV Attached	LAST CV DATE April 14, 2022	HST RATE CHARGED 13.00
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HEARINGS Yes	CONSULTATIONS No	DISBURSEMENTS 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>
Review Application and Evidence						
Review Application and Evidence		170		13.00		
Discovery						
Preparation of Interrogatories		170		13.00		
Review Interrogatory Responses		170		13.00		
Technical Conference Preparation		170		13.00		
Technical Conference Attendance		170		13.00		
Technical Conference Follow Up		170		13.00		
Issues List						
Preparation		170		13.00		
Attendance at Issues Conference		170		13.00		
Intervenor Evidence						
Preparation		170		13.00		
Interrogatory Responses		170		13.00		
Preparation of Witness(es) for Attendance at Hearing		170		13.00		
Settlement Conference / ADR						
Preparation	4.00	170	680.00	13.00	88.40	768.40
Attendance		170		13.00		
Preparation of Settlement Proposal		170		13.00		
Attendance at Presentation to Panel		170		13.00		
Oral Hearing						
Preparation		170		13.00		
Attendance at Oral Hearing		170		13.00		
Submissions						
Written Submissions		170		13.00		
Oral Submissions		170		13.00		
Attendance at Oral Submissions		170		13.00		
Other Attendance						
Other Attendance		170		13.00		
Communication						
With Client		170		13.00		
With Other Parties		170		13.00		
Motions						
Preparation of Motion(s) Materials		170		13.00		
Prepare Submissions on the Motion(s)		170		13.00		
Attendance at Hearing on Motion(s)		170		13.00		
Confidentiality						

Preparation of Application for Confidentiality	170	13.00		
Prepare Submissions on Confidentiality	170	13.00		
Attendance at Hearing on Confidentiality	170	13.00		
Decision				
Review	170	13.00		
Rate Order				
Review	170	13.00		
Prepare Submission on Rate Order	170	13.00		
Total Service Provider Fees				
Total Service Provider Fees:		680.00	88.40	768.40

Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Import Message</u>
Enerlife_Invoice.pdf	Invoice	
Enerlife CV Pavel Rusyaev.pdf	CV	
Enerlife_Time_Dockets.pdf	Time Docket	

Hearings, Consultations, Disbursements Attachments

<u>Attachment</u>	<u>Related Disbursement Claim</u>	<u>Document Type</u>	<u>Claim Type</u>	<u>Import Message</u>
Enerlife_Invoice.pdf		Invoice	Hearings	
Enerlife CV Pavel Rusyaev.pdf		CV	Hearings	
Enerlife_Time_Dockets.pdf		Time Docket	Hearings	



90 Eglinton Ave. East, Suite 412
Toronto, ON
M4P 2Y3
Canada
Tel: 416.915.1530

To: Ontario Energy Board
2300 Yonge Street
Suite 2701
Toronto, Ontario M4P 1E4

Re: EB-2021-0292 IESO SME
Access: Smart Metering Entity

Date: Tuesday, April 12, 2022

Fax: 416.915.1534

Invoice: 3479

Date	Hours	Analyst/Consultant/Ca se Mgmt	Description	Rate	Total
Monday, December 13, 2021	0.25	Ian Jarvis	Review correspondence	\$ 330.00	\$82.50
Saturday, January 15, 2022	1.25	Ian Jarvis	Prep for meeting, review application	\$ 330.00	\$412.50
Monday, January 17, 2022	7.50	Ian Jarvis	Prep for meeting, review material, attend meeting	\$ 330.00	\$2,475.00
Tuesday, January 18, 2022	3.50	Ian Jarvis	Settlement conference participation	\$ 330.00	\$1,155.00
Wednesday, January 19, 2022	0.75	Ian Jarvis	Debrief with Gillian Henderson	\$ 330.00	\$247.50
Thursday, January 20, 2022	4.00	Ian Jarvis	Attend meeting	\$ 330.00	\$1,320.00
Friday, January 21, 2022	0.50	Ian Jarvis	Review correspondence re: settlement	\$ 330.00	\$165.00
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Monday, January 17, 2022	4.00	Paval Rusyaev	Creation of reports	\$ 170.00	\$680.00
Tuesday, January 18, 2022	3.00	Gillian Henderson	Prep for meeting, review material, attend meeting	\$ 330.00	\$990.00
Thursday, January 20, 2022	1.50	Gillian Henderson	Attend meeting	\$ 330.00	\$495.00
Tuesday, April 12, 2022	1.50	Kelly Bruce	Final review of correspondence	\$ 170.00	\$255.00
					<u>\$9,185.00</u>

Business number 86868 2014 RT0001

HST \$1,194.05
\$10,379.05

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

Ian A. Jarvis
President



90 Eglinton Ave. East, Suite 412
Toronto, ON
M4P 2Y3
Canada
Tel: 416.915.1530

To: Ontario Energy Board
2300 Yonge Street
Suite 2701
Toronto, Ontario M4P 1E4

Re: EB-2021-0292 IESO SME
Access: Smart Metering Entity

Date: Tuesday, April 12, 2022

Fax: 416.915.1534

Invoice: 3479

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					<u>\$9,185.00</u>

Business number 86868 2014 RT0001

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Ian A. Jarvis
President



PAVEL RUSYAEV BA

IT and Analytics Manager, Enerlife Consulting Inc., 2008 to present
prusyaev@enerlife.com 416-915-1530 ext. 209

SUMMARY OF PROFESSIONAL EXPERIENCE

Pavel Rusyaev is a senior member of Enerlife's data management team and plays a key role in virtually all of Enerlife's projects and programs. He develops, maintains and updates Enerlife's tools for analyzing, organizing and presenting energy performance results. Pavel's experience spans the whole range of building performance data, from electricity and gas utility data (including interval meter data), to Building Automation System trend logs, to weather data. He applies his exceptional data analysis skills to ensure consistency and reliability of data and excels in the visual presentation of building performance data for a number of different audiences.

Pavel is responsible for ongoing improvement of Enerlife's Green Building Performance System functionality, and for developing and managing system and tool documentation. He also manages utility data for the entire Green Building Performance System database, from ensuring utility data quality, to setting energy use baselines and targets, to reporting on energy savings. Pavel has very strong project management skills and has extensive experience with project implementation.

RELEVANT PROJECTS

Simcoe County District School Board (SCDSB)

Developing tools to uncover critical performance indicators from utility data and in-depth performance analysis of in over 100 schools; data analysis to support Energy Advisor and engineering/technical services required to successfully implement comprehensive energy efficiency improvements in selected schools.

Cadillac Fairview office buildings

Developing necessary tools and consistently providing key data analysis support to the ongoing Integrated Building Performance initiatives at four Class A office buildings, including assessment, target-setting, and ongoing evidence-based measurement and verification process.

Integrated Building Performance Programs

Providing vital building performance data analysis to enable evidence-based integrated building performance programs for over 120 schools across a number of school boards, more than forty individual municipal buildings, and seventy hospitals across Canada.

GREEN UP programs and pilot projects (for Canada Green Building Council)

Performance analysis for 484 commercial office, government administration and school buildings across Canada.

HIGHLIGHTS OF EXPERIENCE

- In-depth performance analysis and data analysis tool development for Integrated Building Performance Program in over 70 hospitals, 120 schools, and 40 municipal buildings across Canada
- Data management and performance analysis for Canada Green Building Council's LEED pilot projects and programs, which included 484 commercial office and school buildings across Canada

AREAS OF SPECIALIZATION

- Excel and VBA programming
- Data management
- Data analysis tool development
- Building performance analysis

ACADEMIC QUALIFICATIONS

- Advanced Diploma in Computer Programming and Analysis, Seneca College (in progress)
- Bachelor of Arts, Tashkent State Institute of Oriental Studies

Gillian Henderson

CASE EB-2021-0292: Rates: Distribution: Independent Electricity System Operator	COST CLAIM EB-2021-0292 : 1 : Albert Engel	INTERVENOR NAME Engel, Albert; +1 (416) 864-7602 aengel@foglers.com	PARTICIPANT CLAIM STATUS Submitted
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FILING PARTICIPANT Henderson, Gillian; +1(416) 915-1530 gillian.henderson@enerlife.com	NEW PARTICIPANT No	NON-FILING PARTICIPANT F. NAME	NON-FILING PARTICIPANT L. NAME
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SERVICE PROVIDER TYPE Consultant	YEAR CALLED TO BAR	COMPLETED YEARS PRACTICING/YEARS OF RELEVANT EXPERIENCE 25	HOURLY RATE 330
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CV STATUS (FOR CONSULTANT/ANALYST) CV Attached	LAST CV DATE April 14, 2022	HST RATE CHARGED 13.00
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HEARINGS Yes	CONSULTATIONS No	DISBURSEMENTS 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>
Review Application and Evidence						
Review Application and Evidence		330		13.00		
Discovery						
Preparation of Interrogatories		330		13.00		
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		
Issues List						
Preparation		330		13.00		
Attendance at Issues Conference		330		13.00		
Intervenor Evidence						
Preparation		330		13.00		
Interrogatory Responses		330		13.00		
Preparation of Witness(es) for Attendance at Hearing		330		13.00		
Settlement Conference / ADR						
Preparation	3.00	330	990.00	13.00	128.70	1,118.70
Attendance	1.50	330	495.00	13.00	64.35	559.35
Preparation of Settlement Proposal		330		13.00		
Attendance at Presentation to Panel		330		13.00		
Oral Hearing						
Preparation		330		13.00		
Attendance at Oral Hearing		330		13.00		
Submissions						
Written Submissions		330		13.00		
Oral Submissions		330		13.00		
Attendance at Oral Submissions		330		13.00		
Other Attendance						
Other Attendance		330		13.00		
Communication						
With Client		330		13.00		
With Other Parties		330		13.00		
Motions						
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		
Confidentiality						

Preparation of Application for Confidentiality	330	13.00	
Prepare Submissions on Confidentiality	330	13.00	
Attendance at Hearing on Confidentiality	330	13.00	
Decision			
Review	330	13.00	
Rate Order			
Review	330	13.00	
Prepare Submission on Rate Order	330	13.00	
Total Service Provider Fees			
Total Service Provider Fees:	1,485.00	193.05	1,678.05

Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Import Message</u>
Enerlife_Invoice.pdf	Invoice	
Enerlife CV Gillian Henderson.pdf	CV	
Enerlife_Time_Dockets.pdf	Time Docket	

Hearings, Consultations, Disbursements Attachments

<u>Attachment</u>	<u>Related Disbursement Claim</u>	<u>Document Type</u>	<u>Claim Type</u>	<u>Import Message</u>
Enerlife_Invoice.pdf		Invoice	Hearings	
Enerlife CV Gillian Henderson.pdf		CV	Hearings	
Enerlife_Time_Dockets.pdf		Time Docket	Hearings	



90 Eglinton Ave. East, Suite 412
Toronto, ON
M4P 2Y3
Canada
Tel: 416.915.1530

To: Ontario Energy Board
2300 Yonge Street
Suite 2701
Toronto, Ontario M4P 1E4

Re: EB-2021-0292 IESO SME
Access: Smart Metering Entity

Date: Tuesday, April 12, 2022

Fax: 416.915.1534

Invoice: 3479

Date	Hours	Analyst/Consultant/Case Mgmt	Description	Rate	Total
Monday, December 13, 2021	0.25	Ian Jarvis	Review correspondence	\$ 330.00	\$82.50
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					<u>\$9,185.00</u>

Business number 86868 2014 RT0001

HST \$1,194.05
\$10,379.05

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

Ian A. Jarvis
President



90 Eglinton Ave. East, Suite 412
Toronto, ON
M4P 2Y3
Canada
Tel: 416.915.1530

To: Ontario Energy Board
2300 Yonge Street
Suite 2701
Toronto, Ontario M4P 1E4

Re: EB-2021-0292 IESO SME
Access: Smart Metering Entity

Date: Tuesday, April 12, 2022

Fax: 416.915.1534

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Business number 86868 2014 RT0001

HST \$1,194.05
\$10,379.05

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Ian A. Jarvis
President

GILLIAN HENDERSON BA (Hon), MBA, LEED AP

Vice President-Operations, Enerlife Consulting Inc., 2002 to present
gillian.henderson@enerlife.com 416-915-1530 ext. 208

SUMMARY OF PROFESSIONAL EXPERIENCE

Gillian leads the company's work in management consulting, strategic programs and project management and social marketing. With over 20 years of experience in change management, energy efficiency and sustainability, she has executive responsibility for projects and programs in the commercial office, municipal, retail, post-secondary and multi-residential sectors. She has extensive experience with development of public and private sector strategic plans to achieve low-carbon goals, stakeholder engagement, effective program design, and implementation. She developed market research, best practice guides and documentation to support performance-based conservation and sustainability initiatives with measurable results. Gillian has also conducted research and analysis in benchmarking and energy efficiency and developed and implemented engagement and communication programs aimed at realizing sustainability goals.

Gillian chaired the Collaboration Committee for Civic Action's Race to Reduce, a large-scale, collaborative program among landlords and tenants aiming to substantially improve the energy and environmental performance of office buildings. She led the Performance-Based Conservation pilot with Ontario's Independent Electricity System Operator and Enbridge in the service areas for Alectra, Milton Hydro and Halton Hills Hydro which included over 200 municipal, school and commercial office buildings and was senior project manager for the development of the Region of Peel Greenhouse Gas Emission Reduction Prioritization Methodology and Implementation Plan.

HIGHLIGHTS OF EXPERIENCE

- Leads Enerlife's market analysis and best practice research
- Development and management of projects and programs in commercial building sectors
- Over 20 years of experience in energy efficiency and sustainability

AREAS OF SPECIALIZATION

- Market dynamics and change management
- Engagement and communications
- LEED O + M implementation

ASSOCIATIONS

- LEED Accredited Professional
- Collaboration (Engagement) Committee Chair, Race to Reduce
- CaGBC LEED O+M Faculty Selection Committee

ACADEMIC QUALIFICATIONS

- Master of Business Administration (1st Class Honours), University College Dublin
- Adult Training & Development Program, Ontario Institute for Studies in Education (OISE)
- Project Management Certificate, Project Management Institute, University of Toronto
- Bachelor of Arts (Honors), Queens University