

fogler  
rubinoff

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October 21, 2019

Reply To: Thomas Brett  
Direct Dial: 416.941.8861  
E-mail: tbrett@foglers.com  
Our File No. 192379

**VIA RESS, EMAIL AND COURIER**

Ontario Energy Board  
2300 Yonge Street  
27th Floor  
Toronto, Ontario  
M4P 1E4

Attention: Kirsten Walli  
Board Secretary

Dear Ms. Walli:

**Re: EB-2019-0003: Post-2020 Natural Gas Demand Side Management Framework**

Please find enclosed herewith BOMA's Cost Claim.

Yours truly,

**FOGLER, RUBINOFF LLP**



Thomas Brett

TB/dd

Encls.

cc: All Parties (*via e-mail*)

Ontario Energy Board  
COST CLAIM FOR CONSULTATIONS



Affidavit and Summary of Fees and Disbursements

This form should be used by a party (defined in the Practice Direction on Cost Awards as including a participant in a consultation process) in a consultation before the Board to identify the fees and disbursements that form the party's cost claim. Paper and electronic copies of this form and itemized receipts must be filed with the Board and served on one or more other parties as directed by the Board in the applicable Board Notice of Hearing for Cost Awards. Please ensure all required fields are filled in and the Affidavit portion is signed and sworn or affirmed.

Instructions

- Required data input is indicated by yellow-shaded fields. Formulas are present in the document to assist with the calculation of the cost claim.
- All claims must be in Canadian dollars. If applicable, state exchange rate and country of initial currency.  
Rate: \_\_\_\_\_ Country: \_\_\_\_\_
- A separate "Statement of Disbursements Being Claimed" is required for each consultant or lawyer/articling student/paralegal. However only one "Statement of Fees Being Claimed" and one "Summary of Fees and Disbursements Being Claimed" covering the whole of the party's cost claim should be provided.
- The cost claim must be supported by a completed Affidavit signed by a representative of the party.
- A CV for each consultant must be attached unless, for a given consultant, a CV has been provided to the Board in another process within the last 24 months.
- Except as provided in section 7.03 of the Practice Direction on Cost Awards, itemized receipts must be provided.

File # EB- 2019-0003 Process: Post-2020 Natural Gas DSM Framework  
Party: BOMA Affiant's Name: Tom Brett  
HST Number: R119420859 HST Rate Ontario: 13.0%  
Full Registrant  Qualifying Non-Profit   
Unregistered  Tax Exempt   
Other

Affidavit

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

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

[Signature]  
Signature of Affiant

Sworn or affirmed before me at the City/Town of Toronto  
in the Province/State of Ontario, on Oct 21/19,  
(date)

[Signature]  
Commissioner for taking Affidavits

**Ontario Energy Board**  
**COST CLAIM FOR CONSULTATIONS**  
**Affidavit and Summary of Fees and Disbursements**



File # EB- 2019-0003 Process: Post-2020 Natural Gas DSM Framework

Party: BOMA

**Summary of Fees and Disbursements Being Claimed**

Legal/consultant fees	\$2,970.00
Disbursements	\$19.97
HST	\$388.70
<b>Total Cost Claim</b>	<b>\$3,378.67</b>

**Payment Information**

Make cheque payable to: Fogler, Rubinoff LLP, In Trust

Send payment to this address: Attn: Debbie Dey  
77 King Street West, Suite 3000  
P.O. Box 95, TD Centre North Tower  
Toronto, ON M5K 1G8

**Detail of Fees and Disbursements Being Claimed**

**Statement of Fees Being Claimed**

Statement of Fees being claimed for Eligible Activity is found on the third tab of this workbook.

**Statement(s) of Disbursements Being Claimed**

Statement of Disbursements being claimed is found on the fourth tab of this workbook.



**Ontario Energy Board**  
**COST CLAIM FOR CONSULTATIONS**  
**Affidavit and Summary of Fees and Disbursements**

**Individual Whose Costs are Being Claimed**

Name: Ian Jarvis

Counsel/Articling Student/Paralegal:       Year Called to Bar:

Analyst/Consultant:       Completed Years Practicing/Years of Relevant Experience: 40

CV attached:       CV not required:

Name: Tom Brett

Counsel/Articling Student/Paralegal:       Year Called to Bar: 1971

Analyst/Consultant:       Completed Years Practicing/Years of relevant experience: 38

CV attached:       CV not required:

Name: \_\_\_\_\_

Counsel/Articling Student/Paralegal:       Year Called to Bar:

Analyst/Consultant:       Completed Years Practicing/Years of relevant experience: \_\_\_\_\_

CV attached:       CV not required:

Name: \_\_\_\_\_

Counsel/Articling Student/Paralegal:       Year Called to Bar:

Analyst/Consultant:       Completed Years Practicing/Years of relevant experience: \_\_\_\_\_

CV attached:       CV not required:

Name: \_\_\_\_\_

Counsel/Articling Student/Paralegal:       Year Called to Bar:

Analyst/Consultant:       Completed Years Practicing/Years of relevant experience: \_\_\_\_\_

CV attached:       CV not required:

**Ontario Energy Board**  
**COST CLAIM FOR CONSULTATIONS**  
**Statement of Fees Being Claimed**



File # EB- 2019-0003

Process Post-2020 Natural Gas DSM Framework

Party BOMA

HST Rate: 13%

		1	2	3			
	<b>Activity</b>	Preparation for the Phase 1 Stakeholder Meeting	Attendance at the Phase 1 Stakeholder Meeting	Written comments on the three specific issues identified for Phase 1			
	<b>Date</b>	n/a	June 13, 2019	June 27, 2019			
	<b>Hours</b>	<i>Up to 2 hours</i>	<i>Up to 3 hours</i>	<i>Up to 4 hours</i>			
<b>Individual Whose Fees are Being Claimed</b>	<b>Hourly rate</b>				<b>Subtotal</b>	<b>HST</b>	<b>Total</b>
Ian Jarvis	\$330.00	2.00	3.00	4.00	\$2,970.00	\$386.10	\$3,356.10
					\$0.00	\$0.00	\$0.00
					\$0.00	\$0.00	\$0.00
					\$0.00	\$0.00	\$0.00
					\$0.00	\$0.00	\$0.00
	<b>Total:</b>	<b>2.00</b>	<b>3.00</b>	<b>4.00</b>	<b>\$2,970.00</b>	<b>\$386.10</b>	
					<b>Total legal/consultant fees:</b>		<b>\$3,356.10</b>

**Ontario Energy Board**  
**COST CLAIM FOR CONSULTATIONS**  
**Statement of Disbursements Being Claimed**



File # EB-	<u>2019-0003</u>	Process:	<u>Post-2020 Natural Gas DSM Framework</u>
Party:	<u>BOMA</u>		

Name of individual whose disbursements are being claimed: Tom Brett

**HST Rate Ontario: 13.0%**

	Net Cost	HST	Total
Scanning/Photocopy		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Courier	\$19.97	\$2.60	\$22.57
Telephone/Fax		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		\$0.00	\$0.00
Taxi		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
<b>TOTAL DISBURSEMENTS:</b>	<b>\$19.97</b>	<b>\$2.60</b>	<b>\$22.57</b>

**Ontario Energy Board**  
**COST CLAIM FOR CONSULTATIONS**  
**Statement of Disbursements Being Claimed**



<b>File # EB-</b>	<u>2019-0003</u>	<b>Process:</b>	<u>Post-2020 Natural Gas DSM Framework</u>
<b>Party:</b>	<u>BOMA</u>		

Name of individual whose disbursements are being claimed: \_\_\_\_\_

<b>HST Rate Ontario: 13.0%</b>
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	Net Cost	HST	Total
Scanning/Photocopy		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone/Fax		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		\$0.00	\$0.00
Taxi		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
<b>TOTAL DISBURSEMENTS:</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

**Ontario Energy Board**  
**COST CLAIM FOR CONSULTATIONS**  
**Statement of Disbursements Being Claimed**



File # EB-	<u>2019-0003</u>	Process:	<u>Post-2020 Natural Gas DSM Framework</u>
Party:	<u>BOMA</u>		

Name of individual whose disbursements are being claimed: \_\_\_\_\_

<b>HST Rate Ontario: 13.0%</b>
--------------------------------

	Net Cost	HST	Total
Scanning/Photocopy		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone/Fax		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		\$0.00	\$0.00
Taxi		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
<b>TOTAL DISBURSEMENTS:</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>



**Ontario Energy Board**  
**COST CLAIM FOR CONSULTATIONS**  
**Statement of Disbursements Being Claimed**



<b>File # EB-</b>	<u>2019-0003</u>	<b>Process:</b>	<u>Post-2020 Natural Gas DSM Framework</u>
<b>Party:</b>	<u>BOMA</u>		

Name of individual whose disbursements are being claimed: \_\_\_\_\_

**HST Rate Ontario: 13.0%**

	Net Cost	HST	Total
Scanning/Photocopy		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone/Fax		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		\$0.00	\$0.00
Taxi		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
<b>TOTAL DISBURSEMENTS:</b>			
	\$0.00	\$0.00	<b>\$0.00</b>

**Ontario Energy Board**  
**COST CLAIM FOR CONSULTATIONS**  
**Statement of Disbursements Being Claimed**



File # EB-	<u>2019-0003</u>	Process:	<u>Post-2020 Natural Gas DSM Framework</u>
Party:	<u>BOMA</u>		

Name of individual whose disbursements are being claimed: \_\_\_\_\_

<b>HST Rate Ontario: 13.0%</b>
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	Net Cost	HST	Total
Scanning/Photocopy		\$0.00	\$0.00
Printing		\$0.00	\$0.00
Courier		\$0.00	\$0.00
Telephone/Fax		\$0.00	\$0.00
Transcripts		\$0.00	\$0.00
Travel: Air		\$0.00	\$0.00
Travel: Car		\$0.00	\$0.00
Travel: Rail		\$0.00	\$0.00
Travel (Other):		\$0.00	\$0.00
Parking		\$0.00	\$0.00
Taxi		\$0.00	\$0.00
Accommodation		\$0.00	\$0.00
Meals		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
Other:		\$0.00	\$0.00
<b>TOTAL DISBURSEMENTS:</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

IAN JARVIS DOCKET

Board File Number		EB-2019-0003		Party Name					BOMA	
Date	Explanation	Consultant	Preparation	Attendance TC	Attendance SC	Attendance OH	Argument	Total		
6/9/2019	Preparation	I. Jarvis	2					2		
6/13/2019	Stakeholder meeting	I. Jarvis		3				3		
6/20/2019	Drafting Comments	I. Jarvis					4	4		
Total			2	3	0	0	4	9		

				Toronto M5K 1G8	Toronto M5E 1G4							
54	<u>7885561</u>	1 ND	19-05-22 17:22	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	Stikeman Elliott LLP 199 Bay St Toronto M5L 1B9	Kay 19-05-23 08:57	<b>061236</b> MSW	6.05	0.79	6.84		
55	<u>7885564</u>	1 ND	19-05-22 17:27	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	Bank of Nova Scotia 44 King St W Toronto M5H 1H1	Elenn 19-05-23 09:14	<b>062722</b> MSW	6.05	0.79	6.84		
56	<u>7885584</u> pick up mall at 8:15am reg-run: 08:00	0	19-05-23 07:29	canada post 222 Bay St Toronto M5J 2W4	Fogler Rubinoff 77 King St. West Toronto M5K 1G8 <b>30 lbs \$4.50</b>	parvin 19-05-23 08:45	<b>999999</b> mlr	13.52	1.76	15.28		
57	<u>7885634</u> by 10:30 pl	0	19-05-23 08:33	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	CITY OF VAUGHAN 2141 Major Mackenzie Dr Vaughan L6A 1T1	Franca 19-05-23 10:26	<b>174737</b> GM	68.48	8.9	77.38		
58	<u>7885639</u> BY 3:00 PL	2	19-05-23 08:35	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	RALPH MICHAEL LEVINE 345 Wilson Ave North York M3H 5W1	Jocelyn 19-05-23 09:45	<b>174737</b> GM	22.00	2.86	24.86		
59	<u>7885658</u>	1	19-05-23 09:06	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	paradise homes kleinburg inc 1 HERONS HILL WAY TORONTO M2J 0G2	Pamela 19-05-23 11:53	<b>174759</b> GM	29.15	3.79	32.94		
60	<u>7885712</u>	0	19-05-23 10:06	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	TD BANK 55 King St W Toronto M5K 1A2 <b>RET \$7.50</b>	Rebecca-parvin 19-05-23 11:06	<b>191708</b> DKM	15.00	1.95	16.95		
61	<u>7885730</u> Small box - ASAP pls	0	19-05-23 10:19	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	Banack Resolutions 333 Bay St Toronto M5H 4G3 <b>15 lbs \$2.25</b>	Julla 19-05-23 10:33	<b>135692</b> IPK	11.27	1.47	12.74		
62	<u>7885747</u> by 4:30 pm - pls	3 ND	19-05-23 10:39	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	Ontario Energy Board 2300 Yonge St Toronto M4P 1E4	Pat 19-05-23 12:12	<b>192379</b> TB	9.08	1.18	10.26		
63	<u>7885757</u> by 12:00 pm - pls	0	19-05-23 10:45	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	ACTIVE EXHAUST CORP 1865 Birchmount Rd Scarborough M1P 2J5	She teen H 19-05-23 11:40	<b>191336</b> HEC	49.50	6.44	55.94		
64	<u>7885762</u> ASAP PL	0	19-05-23 10:52	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	RioCan 2300 Yonge St Toronto M4P 1E4	Serita 19-05-23 12:07	<b>185360</b> OS	27.23	3.54	30.77		
65	<u>7885765</u> BY NOON PL	0	19-05-23 10:56	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	TSX TRUST COMPANY 100 Adelaide St W Toronto M5H 1S3	Joseph 19-05-23 11:22	<b>142139</b> PD	9.02	1.17	10.19		
66	<u>7885780</u> ASAP PL	0	19-05-23 11:11	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	MR STANLEY ROSE 5001 Yonge St North York M2N 6P6	Eleanor 19-05-23 12:07	<b>191708</b> DKM	43.73	5.68	49.41		
67	<u>7885803</u> ASAP - pls	0	19-05-23 11:33	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	McCarthy Tetrault LLP 66 Wellington St W Toronto M5K 1E6	Raymond 19-05-23 12:03	<b>183771</b> OS	9.02	1.17	10.19		
68	<u>7885870</u> IF NOONE THERE LEAVE IT PL	4	19-05-23 12:25	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	CAVYAT HOLDINGS LTD 239 Bering Ave Etobicoke M8Z 3A5	Matthew 19-05-24 10:10	<b>191805</b> CRD	10.89	1.42	12.31		
69	<u>7885886</u>	0	19-05-23 12:51	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	GOWLING WLG 100 King St W Toronto M5X ***	Paz 19-05-23 13:23	<b>174484</b> KHK	9.02	1.17	10.19		
70	<u>7885894</u> BY 2:00 PL	0	19-05-23 13:10	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	HISTORIC RESTORATION INC 4 Carlaw Ave Toronto M4M 2R5	Renee 19-05-23 14:09	<b>168383</b> JGT	22.00	2.86	24.86		
71	<u>7885905</u>	0	19-05-23 13:24	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	TD BANK 55 King St W Toronto M5K 1A2 <b>RET \$7.50</b>	Rebecca 19-05-23 14:39	<b>192048</b> RHS	15.00	1.95	16.95		
72	<u>7885906</u>	0	19-05-23 13:24	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	ROYAL BANK 200 Bay St Toronto M5J 2K2 <b>RET \$7.50</b>	Tsion-parvin 19-05-23 14:56	<b>192048</b> RHS	15.00	1.95	16.95		

			10:50	Toronto M5K 1G8	Toronto M5S 2B4 <b>30 lbs \$4.50</b>	19-06-27 17:39				
114	<u>7899120</u>	1	19-06-27 11:01	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	GOWLING WLG 100 King St W Toronto M5X ***	Emily	<b>146938</b> CRD	6.05	0.79	6.84
115	<u>7899203</u>	0	19-06-27 11:51	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	CITY OF TORONTO 100 Queen St W Toronto M5H 2N2	Vanessa D 19-06-27 12:32	<b>181000</b> OS	9.02	1.17	10.19
116	<u>7899229</u>	1	19-06-27 12:03	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	KIPLING REALTY MANAGEMENT 65 Queen St W Toronto M5H 2M5	Ruby G 19-06-27 12:44	<b>191753</b> SAC	6.05	0.79	6.84
117	<u>7899280</u>	0	19-06-27 12:54	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	TEPLITSKY COLSON 70 Bond St Toronto M5B 1X3	Sara 19-06-27 14:05	<b>173819</b> RBM	9.02	1.17	10.19
118	<u>7899313</u> FROM TL	1	19-06-27 13:29	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	STIKEMAN ELLIOTT 199 Bay St Toronto M5L 1B9	Kay 19-06-27 13:53	<b>190101</b> CSD	6.05	0.79	6.84
119	<u>7899340</u> BY 5;00 PL	1	19-06-27 13:56	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	ALAN WOLFISH 1 Regis Dr North York M2M 3J4	Alan w 19-06-27 17:45	<b>999999</b> MLR	29.15	3.79	32.94
120	<u>7899341</u>	0	19-06-27 13:56	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	MCMILLAN 181 Bay St Toronto M5J 2T3	Olidia	<b>185074</b> JBG	9.02	1.17	10.19
121	<u>7899349</u> BOX-BY 4;00 PL	0	19-06-27 14:11	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	Ontario Energy Board 2300 Yonge St Toronto M4P 1E4 <b>20 lbs \$3.00</b>	Fatima 19-06-27 15:03	<b>184158</b> TB	30.23	3.93	34.16
122	<u>7899351</u>	0	19-06-27 14:13	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	BANK OF MONTREAL 100 King St W Toronto M5X *** <b>RET \$7.50</b>	danlet-parvin 19-06-27 16:30	<b>999999</b> ACC	15.00	1.95	16.95
123	<u>7899352</u>	4	19-06-27 14:14	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	ONTARIO ENRTGY BOARD 2300 Yonge St Toronto M4P 1E4	Fatima 19-06-27 15:03	<b>192379</b> TB	10.89	1.42	12.31
124	<u>7899354</u> BY 3;00 PL	3 ND	19-06-27 14:17	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	CARRISC INSURANCE CONSULTING SERVICES 2016 339 Westney Rd S Ajax L1S 7J6	Chris 19-06-28 09:17	<b>192707</b> AYS	37.40	4.86	42.26
125	<u>7899355</u> BY 3;00 PL	3 ND	19-06-27 14:18	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	CHICAGO TITLE INS CO 55 Superior Blvd Mississauga L5T 2X9	Jackie K 19-06-28 10:39	<b>192707</b> AYS	20.08	2.61	22.69
126	<u>7899361</u>	4	19-06-27 14:26	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	JPSMG HOLDINGS INCORPORATED 631 Kingston Rd Toronto M4E 1R3	Sonia 19-06-28 10:55	<b>191422</b> MLM	10.89	1.42	12.31
127	<u>7899363</u>	4	19-06-27 14:31	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	g group development 50 Minthorn Blvd Thornhill L3T 7X8	Samantha 19-06-28 11:13	<b>184910</b> GM	12.10	1.57	13.67
128	<u>7899381</u>	0	19-06-27 14:49	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	ROCCO MASTRANGELO 9 Maida Croft Pl Etobicoke M9P 3R3	Mailbox 19-06-27 18:41	<b>189031</b> IPK	43.73	5.68	49.41
129	<u>7899384</u>	0	19-06-27 14:50	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	MARCO MASTRANGELO 872 Hampton Cres Mississauga L5G 4G3	Marco 19-06-27 16:17	<b>190316</b> IPK	59.95	7.79	67.74
130	<u>7899389</u>	0	19-06-27 14:54	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	marco mastrangelo an d rocco mastrangelo 31 Lakeshore Rd E port credit L5G 4V5	Marco 19-06-27 16:41	<b>190316</b> IPK	59.95	7.79	67.74
131	<u>7899392</u>	0	19-06-27 14:56	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	POSTA ITAL BAR INC 31 Lakeshore Rd E PORT CREDIT L5G 4V5	Marco 19-06-27 16:41	<b>190316</b> IPK	59.95	7.79	67.74
132	<u>7899395</u> PICKING UP PACKAGE TO THE ATTENTION OF OLGA SAMSONOVA	0	19-06-27 14:57	TORONTO CITY HALL 100 Queen St W Toronto M5H 2N2	Fogler Rubinoff 77 King St. West Toronto M5K 1G8	parvin 19-06-27 15:23	<b>181000</b> OS	9.02	1.17	10.19



## 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

### 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.

### Public Sector Energy Conservation and Demand Management Plans

Development of concise, consistent, evidence-based plans for achieving top-quartile energy performance in 11 individual hospitals, a portfolio of 105 schools, a city with 550 buildings 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.

### Living City Programs (for Toronto and Region Conservation Authority)

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

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

### 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. The large-scale projects included commercial offices, K-12 schools, government administration buildings, retail bank branches and municipal arena facilities, with more than five hundred buildings.

## 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