



PUBLIC INTEREST ADVOCACY CENTRE
LE CENTRE POUR LA DÉFENSE DE L'INTÉRÊT PUBLIC

December 6, 2023

OEB VIA – RESS

Ms. Nancy Marconi
Registrar
Ontario Energy Board
2300 Yonge Street
Toronto, ON
M4P 1E4

PIAC File # 7003

Dear Ms. Marconi:

**Re: EB-2023-0033 – InnPower Corporation
Cost Claim Vulnerable Energy Consumers Coalition (VECC)**

On behalf of the Vulnerable Energy Consumers Coalition (VECC) we have enclosed VECC cost claim with respect to the above-noted proceeding.

We have also directed a copy to the Applicant as well as their Counsel via email.

Thank you.

Donna Brady
Office Administrator

A handwritten signature in blue ink, appearing to read 'Donna Brady', is written over a light blue circular stamp. The signature is fluid and cursive.

Cc: InnPower – Glen McAllister – glenm@innpower.ca – Laura Hampton – laurah@innpower.ca
Counsel - John Vellone – jvellone@blg.com

EB-2023-0033 : 1 : Donna Brady

COST CLAIM NUMBER
1777

SUBMISSION DEADLINE DATE
December 08, 2023

CLAIM STATUS
Submitted

EB#
EB-2023-0033: Rates: Distribution: InnPower
Corporation

OTHER EB#S

PHASE #*
1

INTERVENOR
Brady, Donna; +1 (613) 562-4002 x.121
dbrady@piac.ca

INTERVENOR COMPANY*
Vulnerable Energy Consumers
Coalition, Toronto:

INTERVENOR TYPE
Qualifying Non-Profit

HST RATE ONTARIO
3.94

EXCHANGE RATE

COUNTRY

HST NUMBER
130592405RT0001

LATE SUBMISSION ALLOWED
No

EXTENSION DEADLINE DATE

PARTICIPANTS

New	Non-Filing Participant First, Last Name	Filing Participant	Total (\$)	Total Hours	Participant Claim Status
No	,	Garner , Mark; +1 (647) 408-4501 markgarner@rogers.com	15,177.83	44.25	Submitted
No	,	Harper, Bill; +1 (416) 348-0193 bharper.consultant@bell.net	7,288.79	21.25	Submitted

ATTACHMENTS

Attachment	Document Type	Import Message
Cover Letter EB 2023-0033.pdf	Cover Letter	

TOTAL LEGAL/CONSULTANT/OTHER FEES
21,615.00

TOTAL DISBURSEMENTS
0.00

TOTAL HST
851.62

TOTAL CLAIM
22,466.62

TOTAL AMOUNT AWARDED

TOTAL HOURS CLAIMED
65.50

TOTAL HOURS DISALLOWED

REASON FOR
DISALLOWANCE

REASON FOR
DISALLOWANCE - 2

REASON FOR
DISALLOWANCE - 3

MAKE CHEQUE PAYABLE TO
Public Interest Advocacy Centre

SEND PAYMENT TO ADDRESS
2-285 McLeod Street
Ottawa, ON
K2P1A1

ATTENTION
Donna Brady

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
Donna Brady

DATE SUBMITTED
December 06, 2023

CASE EB-2023-0033: Rates: Distribution: InnPower Corporation	COST CLAIM EB-2023-0033 : 1 : Donna Brady	INTERVENOR NAME Brady, Donna; +1 (613) 562-4002 x.121 dbrady@piac.ca	PARTICIPANT CLAIM STATUS Submitted
FILING PARTICIPANT Garner , Mark; +1 (647) 408-4501 markgarner@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* 31	HOURLY RATE 330
HST RATE CHARGED* 3.94	CV STATUS (FOR CONSULTANT/ANALYST) CV Attached	LAST CV DATE December 06, 2023	OVERRIDE HOURLY RATE Yes
HST NUMBER 130592405RT0001	HEARINGS Yes	CONSULTATIONS No	DISBURSEMENTS Yes

HEARINGS

Hearings Hours	Hearings Subtotal (\$)	Hearings Total Tax (\$)	Hearings Total (\$)			
44.25	14,602.50	575.33	15,177.83			
<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		3.94		
DISCOVERY						
Preparation of Interrogatories	16.75	330	5,527.50	3.94	217.78	5,745.28
Review Interrogatory Responses	10.00	330	3,300.00	3.94	130.02	3,430.02
Technical Conference Preparation		330		3.94		
Technical Conference Attendance		330		3.94		
Technical Conference Follow Up		330		3.94		
ISSUES LIST						
Preparation	0.25	330	82.50	3.94	3.25	85.75
Attendance at Issues Conference		330		3.94		
INTERVENOR EVIDENCE						
Preparation		330		3.94		
Interrogatory Responses		330		3.94		
Preparation of Witness(es) for Attendance at Hearing		330		3.94		
SETTELEMENT CONFERENCE / ADR						
Preparation	9.75	330	3,217.50	3.94	126.77	3,344.27
Attendance	6.50	330	2,145.00	3.94	84.51	2,229.51

<u>Name</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Sub Total</u>	<u>HST Rate</u>	<u>HST</u>	<u>Total</u>
Preparation of Settlement Proposal		330		3.94		
Attendance at Presentation to Panel		330		3.94		
ORAL HEARING						
Preparation		330		3.94		
Attendance at Oral Hearing		330		3.94		
SUBMISSIONS						
Written Submissions		330		3.94		
Oral Submissions		330		3.94		
Attendance at Oral Submissions		330		3.94		
OTHER ATTENDANCE						
Other Attendance	1.00	330	330.00	3.94	13.00	343.00
COMMUNICATION						
With Client		330		3.94		
With Other Parties		330		3.94		
MOTIONS						
Preparation of Motion(s) Materials		330		3.94		
Prepare Submissions on the Motion(s)		330		3.94		
Attendance at Hearing on Motion(s)		330		3.94		
CONFIDENTIALITY						
Preparation of Application for Confidentiality		330		3.94		
Prepare Submissions on Confidentiality		330		3.94		
Attendance at Hearing on Confidentiality		330		3.94		
DECISION						
Review		330		3.94		
RATE ORDER						
Review		330		3.94		
Prepare Submission on Rate Order		330		3.94		
TOTAL SERVICE PROVIDER FEES						
Total Service Provider Fees:	44.25		14,602.50		575.33	15,177.83

Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Import Message</u>
Invoice & Time Docket MG.pdf.pdf Garner, Mark Professional CV ABR December 2023 .pdf	Time Docket and Invoice CV	

DISBURSEMENTS

Disbursement Subtotal(\$)	Disbursement Total Tax(\$)	Other Taxes/Tips Total(\$)	Disbursement Total(\$)
0.00	0.00	0.00	0.00

<u>Name</u>	<u>ATT. REQ'D</u>	<u>ATT. PROV</u>	<u>Qty</u>	<u>\$/Unit</u>	<u>Net Cost</u>	<u>HST Rate</u>	<u>HST</u>	<u>Other Taxes/Tip</u>	<u>Total</u>	<u>Rationale/Comment</u>
Scanning/Photocopy (Internal)						3.94				
Scanning/Photocopy (External)						3.94				
Printing (Internal)						3.94				
Printing (External)						3.94				
Courier						3.94				
Teleconference						3.94				
Travel: Air						3.94				
Travel: Car Rental						3.94				
Travel: Gas						3.94				
Travel: Car Mileage – Southern Ontario				0.40						
Travel: Car Mileage – Northern Ontario				0.41						
Travel: Rail						3.94				
Travel (Other)						3.94				
Parking						3.94				
Taxi						3.94				
Accommodation						3.94				
Other						3.94				

Hearings, Consultations, Disbursements Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Claim Type</u>	<u>Import Message</u>
Invoice & Time Docket MG.pdf.pdf	Time Docket and Invoice	Hearings	
Garner, Mark Professional CV ABR December 2023 .pdf	CV	Hearings	

INVOICE #	INNP33					Mark C Garner 647 Broadway Toronto, On M4G 2S8
Date	December 5, 2023					
Client:	PIAC-VECC					
File:	INNPOWER CORPORATION	EB-2023-0033				
Period covering:	May 3, 2023 – November 13, 2023					
Billable Hours	44.25	@	Rate	\$330.00	HRs	\$14,602.50
Disbursements	N/A					n/a
HST No.		@	Rate	13%	HST	\$1,898.33
No. 87831 4327						
RT001						
Total						\$16,500.83

TERM: Payable upon receipt of payment from the client net of service charges
Please make amounts payable to Mark C. Garner.

Detailed Dockets InnPower Corporation – EB-2023-0033

Date	Hrs	Code	Description
May 3, 2023	0.50	OCP	Pre-file meeting 1 hr split with BH
June 6, 2023	0.50	IRP	File review and forward information to PIAC for intervention
June 25, 2023	0.25	ICP	Issues List email and sign off
July 7, 2023	6.00	IRP	Interrogatory Prep and notes
July 10, 2023	5.00	IRP	Interrogatory Prep and notes
July 16, 2023	4.25	IRP	Interrogatory Prep and notes
July 19, 2023	1.00	IRP	Finalize IRs
August 16, 2023	6.50	IRR	Review IR responses
August 17, 2023	3.50	IRR	Review IR Responses ADR notes
August 18, 2023	4.00	ADP	ADR notes
August 21, 2023	3.25	ADA	ADR Day 1 9:30-5pm 45 lunch =6.75/2 with BH
August 22, 2023	1.25	ADA	ADR Day 2 (9-10:15 + 3:30-4:45) /2 = 1.25
August 23, 2023	2.00	ADA	ADR Day 3 --10:30+11:30-12+ 1-4pm = 4hrs/2
September 8, 2023	2.75	ADP	Settlement Review 1st draft - check tables
September 21, 2023	1.50	ADP	Settlement Review 2nd draft and various emails
September 25, 2023	0.50	ADP	Zoom re Settlement 9:30-10:15
September 26, 2023	0.75	ADP	Zoom re Settlement 1pm-1:45pm
October 7, 2023	0.25	ADP	Final Review of Draft Settlement
Nov 1, 2023	0.50	OCP	Review of staff comments and emails on comments Oct 24-Nov 3
TOTAL	44.25		

MARK C. GARNER
647 Broadway Ave. Toronto, Ontario, M4G 2S8
647- 408-4501 (Business) e-mail markgarner@rogers.com

EXECUTIVE LEADERSHIP – ENERGY REGULATION & POLICY - GOVERNMENT RELATIONS

32 years' experience in the design and regulation of rates of electricity, natural gas and telephone utilities. Executive leadership in policy and application review at the Ontario Energy Board (OEB). OEB delegated decision maker and Board Secretary. Member of licensing committee of Ontario's Electricity Safety Agency. Published author. Senior consultant serving needs of public interest groups.

Professional Experience

Mark Garner Consulting 2009-2023

Firm provides services for public interest group interventions in regulatory proceedings. Services include analysis, preparation of interrogatories, participation in technical/settlement conferences and assistance to client submissions.

Employers

Ontario Energy Board, Toronto, Ontario **1994-2009**

The Ontario Energy Board is responsible for the regulation of Ontario's two large natural gas utilities, 85 electricity utilities and three electricity transmission companies. It licences over 300 other energy related companies including energy retailers. It has annual budget of \$32 million and a staff of 170.

Managing Director, Regulatory Policy and Compliance **2008-2009**

Executive reporting to Chief Operating Office and Board Chair. Member of the Management and Executive Committees. Leader of 35 staff in the Regulatory Policy and Compliance unit. Responsible for the development of regulatory policy and utility compliance.

Managing Director, Market Operations **2003-2008**

Created/led the OEB Market Operations department (staff 65) which was responsible for processing utility applications, auditing and monitoring utilities and ensuring compliance with regulatory requirements.

Director of Licensing/Director of Applications/Board Secretary **2001-2003**

Responsible for 40 staff assisting in the review of Rate and Facility (request to build) applications by energy utilities. Statutory position (appointed by the Chair) with independent powers to investigate energy marketers and levy fines.

Manager Rates and Financial Services **1999-2001**

Responsible for 14 staff conducting analysis of Rates applications. Position created to meet new requirement to regulate an additional 130 electricity utilities.

Project Coordinator/Senior Analyst **1994 -1998**

Senior analyst responsible for analysis, interrogatories, submissions and briefing of legal counsel. Facilitated or mediated settlements.

Ontario Telephone Service Commission, North York, Ontario **1989 - 1994**

Analyst - regulator of 35 independent telephone companies.

Board Memberships

Electrical Safety Authority

2010-2014

Member of board - Electrical Contractors Registration Agency (ECRA). The ECRA develops policy and review's the Electrical Safety Authority's operations of the licensing of Master Electricians and Electrical Contractors.

Publications

Fyfe, Stephen, Garner, Mark, Vegh, George, (March 2013) Mergers by Choice, Not Edict: Reforming Ontario's Electricity Distribution Policy, Commentary No. 376, **C.D. Howe Institute**.

Chaplin, Cynthia Garner, Mark, Taylor, Karen, Warren, Robert, Background Report on the Ontario Energy Sector, February 2016, **Mowat Center**

EDUCATION/AWARDS

NARUC Regulatory Studies Program, Michigan State University, 1989

Master of Development Economics (all but dissertation), Dalhousie University, 1989

(Grant Dalhousie / Canadian International Development Agency (CIDA) for field research in Malawi, Africa, 1987)

Advanced Degree Program in Economics (Dean's Honour List), University of Manitoba, 1985

CASE EB-2023-0033: Rates: Distribution: InnPower Corporation	COST CLAIM EB-2023-0033 : 1 : Donna Brady	INTERVENOR NAME Brady, Donna; +1 (613) 562-4002 x.121 dbrady@piac.ca	PARTICIPANT CLAIM STATUS Submitted
FILING PARTICIPANT Harper, Bill; +1 (416) 348-0193 bharper.consultant@bell.net	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* 40	HOURLY RATE 330
HST RATE CHARGED* 3.94	CV STATUS (FOR CONSULTANT/ANALYST) CV Attached	LAST CV DATE December 06, 2023	OVERRIDE HOURLY RATE No
HST NUMBER 130592405RT0001	HEARINGS Yes	CONSULTATIONS No	DISBURSEMENTS Yes

HEARINGS

Hearings Hours		Hearings Subtotal (\$)		Hearings Total Tax (\$)		Hearings Total (\$)	
21.25		7,012.50		276.29		7,288.79	
<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	1.00	330	330.00	3.94	13.00	343.00	
DISCOVERY							
Preparation of Interrogatories	3.75	330	1,237.50	3.94	48.76	1,286.26	
Review Interrogatory Responses	1.00	330	330.00	3.94	13.00	343.00	
Technical Conference Preparation		330		3.94			
Technical Conference Attendance		330		3.94			
Technical Conference Follow Up		330		3.94			
ISSUES LIST							
Preparation	0.25	330	82.50	3.94	3.25	85.75	
Attendance at Issues Conference		330		3.94			
INTERVENOR EVIDENCE							
Preparation		330		3.94			
Interrogatory Responses		330		3.94			
Preparation of Witness(es) for Attendance at Hearing		330		3.94			
SETTELEMENT CONFERENCE / ADR							
Preparation	5.75	330	1,897.50	3.94	74.76	1,972.26	
Attendance	6.25	330	2,062.50	3.94	81.26	2,143.76	

<u>Name</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Sub Total</u>	<u>HST Rate</u>	<u>HST</u>	<u>Total</u>
Preparation of Settlement Proposal	2.75	330	907.50	3.94	35.76	943.26
Attendance at Presentation to Panel		330		3.94		
ORAL HEARING						
Preparation		330		3.94		
Attendance at Oral Hearing		330		3.94		
SUBMISSIONS						
Written Submissions		330		3.94		
Oral Submissions		330		3.94		
Attendance at Oral Submissions		330		3.94		
OTHER ATTENDANCE						
Other Attendance	0.50	330	165.00	3.94	6.50	171.50
COMMUNICATION						
With Client		330		3.94		
With Other Parties		330		3.94		
MOTIONS						
Preparation of Motion(s) Materials		330		3.94		
Prepare Submissions on the Motion(s)		330		3.94		
Attendance at Hearing on Motion(s)		330		3.94		
CONFIDENTIALITY						
Preparation of Application for Confidentiality		330		3.94		
Prepare Submissions on Confidentiality		330		3.94		
Attendance at Hearing on Confidentiality		330		3.94		
DECISION						
Review		330		3.94		
RATE ORDER						
Review		330		3.94		
Prepare Submission on Rate Order		330		3.94		
TOTAL SERVICE PROVIDER FEES						
Total Service Provider Fees:	21.25		7,012.50		276.29	7,288.79

Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Import Message</u>
Invoice & Time Docket BH.pdf	Time Docket and Invoice	
William Harper CV (September 2023).pdf	CV	

DISBURSEMENTS

Disbursement Subtotal(\$)	Disbursement Total Tax(\$)	Other Taxes/Tips Total(\$)	Disbursement Total(\$)
0.00	0.00	0.00	0.00

<u>Name</u>	<u>ATT. REQ'D</u>	<u>ATT. PROV</u>	<u>Qty</u>	<u>\$/Unit</u>	<u>Net Cost</u>	<u>HST Rate</u>	<u>HST</u>	<u>Other Taxes/Tip</u>	<u>Total</u>	<u>Rationale/Comment</u>
Scanning/Photocopy (Internal)						3.94				
Scanning/Photocopy (External)						3.94				
Printing (Internal)						3.94				
Printing (External)						3.94				
Courier						3.94				
Teleconference						3.94				
Travel: Air						3.94				
Travel: Car Rental						3.94				
Travel: Gas						3.94				
Travel: Car Mileage – Southern Ontario				0.40						
Travel: Car Mileage – Northern Ontario				0.41						
Travel: Rail						3.94				
Travel (Other)						3.94				
Parking						3.94				
Taxi						3.94				
Accommodation						3.94				
Other						3.94				

Hearings, Consultations, Disbursements Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Claim Type</u>	<u>Import Message</u>
Invoice & Time Docket BH.pdf	Time Docket and Invoice	Hearings	
William Harper CV (September 2023).pdf	CV	Hearings	

WILLIAM O. HARPER

107 BAKER AVE, RICHMOND HILL

ONTARIO L4C 1X5

TELEPHONE: 905-883-1727

Email: bharper.consultant@bell.net

December 5, 2023

Statement of Costs for:

Vulnerable Energy Consumers Coalition
c/o Public Interest Advocacy Centre
200-285 McLeod Street
Ottawa, Ontario
KP2 1A1

Attn: Donna Brady

Statement No. 2023017

For Professional Services rendered re: VECC's participation in EB-2023-0033
(InnPower Corporation's 2024 Rate Application)

Services (see attached)	\$	7,012.50
HST (13%)	\$	911.63
TOTAL	\$	7,924.13

PAYABLE TO: WILLIAM HARPER

HST/GST Registration #81998 6902 RT00001

<u>COST CLAIM DETAILS:</u>		<u>ONTARIO ENERGY BOARD</u>				
NAME:	BILL HARPER	HOURLY RATE:		\$330		
SERVICE:	CONSULTANT	YEARS EXPERIENCE:		40		
FILE #:	EB-2023-0033	PROCESS:		InnPower 2024 Rates		
		DATE	HOURS	DETAILS	HOURLY RATE	SUB TOTAL
REVIEW APPLICATION & EVIDENCE						
- Review Appl. & Evid	24/06/2023	1.00	Review Application	\$330.00	\$	330.00
DISCOVERY						
- Preparation of Interr.	28/06/2023	1.50	Draft IRs	\$330.00	\$	495.00
	29/06/2023	2.00	Draft IRs	\$330.00	\$	660.00
	10/07/2023	0.25	Finalize IRs	\$330.00	\$	82.50
- Review Interr. Resp.	09/08/2023	1.00	Review IRR	\$330.00	\$	330.00
ISSUES LIST						
- Preparation	25/06/2023	0.25	Comment on Draft	\$330.00	\$	82.50
SETTLEMENT CONFERENCE/ADR						
- Preparaton	09/08/2023	3.00	ADR Notes	\$330.00	\$	990.00
	10/08/2023	1.25	ADR Notes	\$330.00	\$	412.50
	14/08/2023	1.50	Notes/Clarification Quest.	\$330.00	\$	495.00
- Attendance	21/08/2023	3.25	Attend - MG split	\$330.00	\$	1,072.50
	22/08/2023	1.50	Attend - MG split	\$330.00	\$	495.00
	23/08/2023	1.50	Attend - MG split	\$330.00	\$	495.00
- Prep. Of Settl Prop.	01/09/2023	1.00	Review Draft 1 of SP	\$330.00	\$	330.00
	20/09/2023	0.50	Review Load Fcst Issue	\$330.00	\$	165.00
	21/09/2023	0.50	Call with InnPwr Consultants	\$330.00	\$	165.00
	21/09/2023	0.25	Review Draft 2 of SP	\$330.00	\$	82.50
	06/10/2023	0.50	Review Draft 3 of SP	\$330.00	\$	165.00
OTHER ATTENDANCE						
- Other Attendance	03/05/3023	0.50	Pre-Filing Meeting - MG split	\$330.00	\$	165.00
SUB-TOTAL		21.25				\$7,012.50
HST (13%)						\$ 911.63
TOTAL						\$7,924.13

William Harper - CV

Mr. Harper has over 40 years' experience in the design of rates and the regulation of electricity utilities. While employed by Ontario Hydro, he has testified as an expert witness on rates before the Ontario Energy Board from 1988 to 1995, and before the Ontario Environmental Assessment Board. He was responsible for the regulatory policy framework for Ontario municipal electric utilities and for the regulatory review of utility submissions from 1989 to 1995. Mr. Harper also coordinated the participation of Ontario Hydro (and its successor companies Ontario Hydro Services Company and Hydro One Networks) in major public reviews involving Committees of the Ontario Legislature, the Ontario Energy Board and the Macdonald Committee. He has served as a speaker on rate and regulatory issues for seminars sponsored by the APPA, MEA, EPRI, CEA, AMPCO and the Society of Management Accountants of Ontario. Since leaving Hydro One Networks, Mr. Harper has provided consulting support for client interventions on energy and telecommunications issues before the Ontario Energy Board, Manitoba Public Utilities Board, Québec's Régie de l'énergie, British Columbia Utilities Commission, Saskatchewan Rate Review Panel and CRTC. He has also appeared before the Manitoba's Public Utilities Board, the Manitoba Clean Environment Commission, the Ontario Energy Board and Quebec's Régie de l'énergie.

EXPERIENCE

Independent Consultant October 2018 - Present

Econalysis Consulting Services – Associate August 2011 – September 2018

Econalysis Consulting Services- Senior Consultant July 2000 to July 2011

- Responsible for supporting client interventions in regulatory proceedings, including issues analyses & strategic direction, preparation of interrogatories, participation in settlement conferences, preparation of evidence and/or appearance as expert witness (where indicated by an asterix). Some of the more significant proceedings included:
 - Electricity (Ontario)
 - IMO 2000 Fees (OEB)
 - Hydro One Remote Communities Rate Application 2002-2004
 - OEB Transmission System Code Review (2003)
 - OEB Distribution Service Area Amendments (2003)
 - OEB Regulated Asset Recovery (2004)
 - OEB- 2006 Electricity Rate Handbook Proceeding*
 - 2006 Rate Applications by Various Electricity Distributors
 - OEB - 2006 Guidelines for Regulation of Prescribed Generation Assets
 - 2007 Rate Applications by Various Electricity Distributors
 - OEB - 2007 Cost of Capital and 2nd Generation Incentive Regulation Proceeding

- Hydro One Networks 2007/2008 Transmission Rate Application
 - 2008 Rate Applications by Various Electricity Distributors
 - OEB – Cost of Capital for Ontario’s Regulated Utilities (2009)
 - Hydro One Networks 2009/2010 Transmission Rate Application
 - 2009 Rate Applications by Various Electricity Distributors
 - 2010 Rate Applications by Various Electricity Distributors
 - Hydro One Networks 2011/2012 Transmission Rate Application
 - 2011 Rate Applications by Various Electricity Distributors
 - 2012 Rate Applications by Various Electricity Distributors
 - OEB – 2012 Renewed Regulatory Framework for Electricity Distributors
 - Hydro One Networks 2013/2014 Transmission Rate Application
 - 2013 Rate Applications by Various Electricity Distributors
 - 2014 Rate Applications of Various Electricity Distributors
 - OEB Residential Rate Design Policy (2014)
 - 2015 Rate Applications for Various Electricity Distributors
 - Hydro One Networks 2015/2016 Transmission Rate Application
 - 2016 Rate Applications of Various Electricity Distributors
 - Hydro One Networks 2017&18 Transmission Rate Application
 - 2017 Rate Applications of Various Electricity Distributors
 - 2018 Rate Applications of Various Electricity Distributors
 - 2019 Rate Applications of Various Electricity Distributors
 - Hydro One Networks 2019 Transmission Rate Application
 - 2020 Rate Applications of Various Electricity Distributors
 - Hydro One Networks 2020-2022 Transmission Rate Application
 - 2021 Rate Applications of Various Electricity Distributors
 - 2021 OEB Generic Hearing re Export Transmission Service Rates
 - 2022 Rate Applications of Various Electricity Distributors
 - 2022 OEB Design of Enhanced TOU Rates
 - 2023 Rate Applications for Various Distributors
 - 2023 OEB EV Charging Service Rates
- Electricity (British Columbia)
 - BC Hydro IPP By-Pass Rates
 - BC Hydro Heritage Contract Proposals
 - BC Hydro’s 2004/05 & 2005/06; 2006/07 & 2007/08; 2008/09 & 2009/10; 2010/2011; 2011/12-2013/14, 2016/17–2018/19; 2019/20 & 2020/21; 2021/22 and 2022/23-2024/25 Revenue Requirement Applications
 - BC Hydro’s CFT for Vancouver Island Generation – 2004
 - BC Hydro’s 2005 Resource Expenditure and Acquisition Plan
 - BC Hydro’s 2006 Residential Time of Use Rate Experiment Application*
 - BC Hydro’s 2006 Integrated Electricity Plan
 - BC Hydro’s 2007 Rate Design Application
 - BC Hydro’s 2008 Long Term Acquisition Plan
 - BC Hydro’s 2008 Residential Inclining Block Rate Application
 - BC Hydro’s 2009 GS Rate Design Application
 - BC Hydro 2013 Residential Inclining Block Rate Re-Pricing

- BC Hydro's 2015 Rate Design (and Cost of Service) Application
- BC Hydro's Customer Crisis Fund Pilot (2020-2021)
- BC Hydro's 2021 Public Electric Vehicle Fast Charging Rate Application
- BC Transmission Corporation – Open Access Transmission Tariff Application -2004
- BCTC's 2005/06; 2006/07, 2008/10 and 2010/2011 Revenue Requirement Applications
- BCTC's – 2005 Vancouver Island Transmission Reinforcement Project
- BCTC's – 2007 Interior-Lower Mainland Transmission Application
- BCTC's 2009-2018 Capital Plan
- BCTC's 2011 Capital Plan Update
- Fortis BC's 2005 Revenue Requirement and System Development Application
- Fortis BC's 2006; 2007; 2008; 2009; 2010; 2011; 2012 and 2013 Revenue Requirement Applications
- Fortis BC's 2007-2008 and 2009-2010 Capital Plan and System Development Plans
- FortisBC's 2007 Rate Design Application
- Fortis BC's 2009 Cost Allocation and Rate Design Application
- Fortis BC's 2011 Residential Inclining Block Rate Application
- Fortis BC's 2011 Capital Plan
- FortisBC's 2012 Integrated System Plan Review
- BC Hydro/Fortis BC 2013 Purchase Power Agreement
- FortisBC's 2014-2018 PBR Plan and Annual Reviews
- FortisBC's 2015, 2016, 2017, 2018 and 2019 Revenue Requirement Applications
- FortisBC's 2015-2016; 2017 and 2018 DSM Expenditure Applications
- FortisBC's 2016 Long Term Energy Resource Plan Application
- FortisBC's 2017 Cost of Service and Rate Design Application
- FortisBC's 2020-2024 Multi-Year Rate Plan Application
- FortisBC's Annual Review for 2020 and 2021 Rates
- FortisBC's EV DCFC Rate Application (2020)
- FortisBC's LTERP/LT DSM Plan (2021)
- FortisBC's Annual Review for 2022 Rates
- FortisBC's 2021 Commercial Interruptible Rate Application
- FortisBC's Annual Review for 2023 Rates
- Nelson Hydro's 2021 Cost Allocation & Rate Design
- BCUC - 2012 Generic Cost of Capital Review
- BCUC – Residential Inclining Block Rate Report to Government (2017)
- BCUC – Regulation of Electric Vehicle Charging Services: Phase 1 and Phase 2
- BCUC – Review of BC Hydro's PBR Report (2019-2021)
- BCUC – 2021 Generic Cost of Capital Review (Phase I)
- Electricity (Quebec)
 - Hydro Québec - Distribution's 2002-2011 Supply Plan*
 - Hydro Quebec - Distribution's 2002-2003 Cost of Service and Cost Allocation Methodology*
 - Hydro Québec - Distribution's 2004-2005 Tariff Application*
 - Hydro Québec - Distribution's 2005/2006 Tariff Application*
 - Hydro Québec - Distribution's 2005-2014 Supply Plan*
 - Hydro Québec - Distribution's 2006/2007 Tariff Application*

- Hydro Québec - Transmission's 2005 Tariff Application*
- Hydro Québec - Distribution's 2006 Interruptible Tariff Application
- Hydro Québec - Distribution's 2006 Cost Allocation Work Group
- Hydro-Québec - Transmission's 2007 Tariff Application
- Hydro-Québec - Distribution's 2007/08 Tariff Application*
- Hydro-Québec - Transmission's 2008 Tariff Application
- Hydro-Québec - Distribution's 2008/09 Tariff Application*
- Hydro Québec - Distribution's 2008-2017 Supply Plan
- Hydro-Québec - Transmission's 2009 Tariff Application
- Hydro-Québec - Distribution's 2009/10 Tariff Application*
- Hydro Québec - Distribution's 2014-2023 Supply Plan

- Electricity (Manitoba)
 - Manitoba Hydro's Status Update Re: Acquisition of Centra Gas Manitoba Inc.*
 - Manitoba Hydro's Diesel 2003/04 Rate Application
 - Manitoba Hydro's 2004/05 and 2005/06 Rate Application*
 - Manitoba Hydro/NCN NFAAT Submission re: Wuskwatim*
 - Manitoba Hydro's 2005 Cost of Service Methodology Submission*
 - Manitoba Hydro's 2007 Rate Adjustment Application
 - Manitoba Hydro's 2008 General Rate Application*
 - Manitoba Hydro's 2008 Energy Intensive Industry Rate Application
 - Manitoba Hydro's 2009 Rate Adjustment Application
 - Manitoba Hydro's 2010-2012 General Rate Application
 - Manitoba Hydro's 2010 and 2011 Diesel Community Rate Applications
 - Manitoba Hydro's 2013-2014 General Rate Application
 - Manitoba Hydro's 2013 NFAAT Submission re: Keeyask and Conawapa*
 - Manitoba Hydro's 2015-2016 General Rate Application
 - Manitoba Hydro's 2016 Interim Rate Application
 - Manitoba Hydro's 2015 Cost of Service Methodology Review*
 - Manitoba Hydro's 2016 NEB Application re: MMTP
 - Manitoba Hydro's 2017/18 & 2018/19 GRA*
 - Manitoba Hydro's 2019/20 GRA*
 - Efficiency Manitoba. 2020/23 Efficiency Plan Submission*

- Electricity (Saskatchewan)
 - Saskatchewan Power's 2008 Cost Allocation Methodology Review

- Natural Gas Distribution
 - Enbridge Consumers Gas 2001 Rates
 - BC Centra Gas Rate Design and Proposed 2003-2005 Revenue Requirement
 - Terasen Gas (Vancouver Island) LNG Storage Project (2004)
 - BCUC – 2012 Generic Cost of Capital Proceeding

- Telecommunications Sector
 - Access to In-Building Wire (CRTC)
 - Extended Area Service (CRTC)

- Regulatory Framework for Small Telecoms (CRTC)
- Other
 - Acted as Case Manager in the preparation of Hydro One Networks' 2001-2003 Distribution Rate Application
 - Supported the implementation of OPG's Transition Rate Option program prior to Open Access in Ontario
 - Prepared Client Studies on various issues including:
 - The implications of the 2000/2001 natural gas price changes on natural gas use forecasting methodologies.
 - The separation of electricity transmission and distribution businesses in Ontario.
 - The business requirements for Ontario transmission owners/operators.
 - Various issues associated with electricity supply/distribution in remote First Nations' communities
 - Member of the OEB's 2004 Regulated Price Plan Working Group
 - Member of the OEB's 2005/06 Cost Allocation Technical Advisory Team
 - Member of the OEB's 2008 3rd Generation Incentive Regulation Working Group
 - Member of the IESO Technical Panel (April 2004 to April 2010)
 - Member of the OEB's 2011 Cost Allocation Working Group
 - Member of the OEB's 2012 Network Investment Planning Work Group
 - Member of the OEB's 2012 Defining and Measuring Performance (4th Generation Incentive Regulation) Work Group
 - Member of the OEB's Unmetered Load Cost Allocation Working Group (2012-2015)
 - Member of the OEB's 2013 Standby Rate Working Group
 - Member of the OEB's 2016 Pole Access Charge Working Group
 - Member of the OEB's 2020 TOU Rate Opt-Out Working Group

Hydro One Networks

Manager - Regulatory Integration, Regulatory and Stakeholder Affairs (April 1999 to June 2000)

- Supervised professional and administrative staff with responsibility for:
 - providing regulatory research and advice in support of regulatory applications and business initiatives;
 - ensuring regulatory requirements and strategies are integrated into business planning and other Corporate processes;
 - providing case management services in support of specific regulatory applications.
- Acting Manager, Distribution Regulation since September 1999 with responsibility for:
 - coordinating the preparation of applications for OEB approval of changes to existing rate orders; sales of assets and the acquisition of other distribution utilities;
 - providing input to the Ontario Energy Board's emerging proposals with respect to the licences, codes and rate setting practices setting the regulatory framework for Ontario's electricity distribution utilities;

- acting as liaison with Board staff on regulatory issues and provide regulatory input on business decisions affecting Hydro One Networks' distribution business.
- Supported the preparation and review before the OEB of Hydro One Networks' Application for 1999-2000 transmission and distribution rates.

Ontario Hydro

Team Leader, Public Hearings, Executive Services (Apr. 1995 to Apr. 1999)

- Supervised professional and admin staff responsible for managing Ontario Hydro's participation in specific public hearings and review processes.
- Directly involved in the coordination of Ontario Hydro's rate submissions to the Ontario Energy Board in 1995 and 1996, as well as Ontario Hydro's input to the Macdonald Committee on Electric Industry Restructuring and the Corporation's appearance before Committees of the Ontario Legislature dealing with Industry Restructuring and Nuclear Performance.

Manager – Rates, Energy Services and Environment (June 1993 to Apr. 95)

Manager – Rate Structures Department, Programs and Support Division (February 1989 to June 1993)

- Supervised a professional staff with responsibility for:
 - Developing Corporate rate setting policies;
 - Designing rates structures for application by retail customers of Ontario Hydro and the municipal utilities;
 - Developing rates for distributors and for the sale of power to Hydro's direct industrial customers and supporting their review before the Ontario Energy Board;
 - Maintaining a policy framework for the execution of Hydro's regulation of municipal electric utilities;
 - Reviewing and recommending for approval, as appropriate, municipal electric utility submissions regarding rates and other financial matters;
 - Collecting and reporting on the annual financial and operating results of municipal electric utilities.
- Responsible for the development and implementation of Surplus Power, Real Time Pricing, and Back Up Power pricing options for large industrial customers.
- Appeared as an expert witness on rates before the Ontario Energy Board and other regulatory tribunals.

Section Head – Rate Structures, Rates Department

November 1987 to February 1989

- With a professional staff of eight responsibilities included:
 - Developing rate setting policies and designing rate structures for application to retail customers of municipal electric utilities and Ontario Hydro;
 - Designing rates for municipal utilities and direct industrial customers and supporting their review before the Ontario Energy Board.
- Participated in the implementation of time of use rates, including the development of retail rate setting guidelines for utilities; training sessions for Hydro staff and customers presentations.

- Testified before the OEB on rate-related matters.

**Superintendent – Rate Economics, Rates and Strategic Conservation Department
February 1986 to November 1987**

- Supervised a Section of professional staff with responsibility for:
 - Developing rate concepts for application to Ontario Hydro’s customers, including incentive and time of use rates;
 - Maintaining the Branch’s Net Revenue analysis capability then used for screening marketing initiatives;
 - Providing support and guidance in the application of Hydro’s existing rate structures and supporting Hydro’s annual rate hearing.

**Power Costing/Senior Power Costing Analyst, Financial Policy Department
April 1980 to February 1986**

- Duties included:
 - Conducting studies on various cost allocation issues and preparing recommendations on revisions to cost of power policies and procedures;
 - Providing advice and guidance to Ontario Hydro personnel and external groups on the interpretation and application of cost of power policies;
 - Preparing reports for senior management and presentation to the Ontario Energy Board.
- Participated in the development of a new costing and pricing system for Ontario Hydro. Main area of work included policies for the time differentiation of rates.

**Ontario Ministry of Energy
Economist, Strategic Planning and Analysis Group
April 1975 to April 1980**

- Participated in the development of energy demand forecasting models for the province of Ontario, particularly industrial energy demand and Ontario Hydro’s demand for primary fuels.
- Assisted in the preparation of Ministry publications and presentations on Ontario’s energy supply/demand outlook.
- Acted as an economic and financial advisor in support of Ministry programs, particularly those concerning Ontario Hydro.

EDUCATION

Master of Applied Science – Management Science

- University of Waterloo, 1975
- Major in Applied Economics with a minor in Operations Research
- Ontario Graduate Scholarship, 1974

Honours Bachelor of Science

- University of Toronto, 1973
- Major in Mathematics and Economics
- Alumni Scholarship in Economics, 1972