



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

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John Lawford | Counsel, Regulatory and Public Policy Tel: (613) 562-4002 ext 125 | jlawford@piac.ca

VIA E-MAIL

August 10, 2021

Ms. Christine Long
Registrar
Ontario Energy Board
2300 Yonge Street
Toronto, ON
M4P 1E4

Dear Ms. Long:

**Re: OEB Practice Direction on Cost Awards
Annual Filing of the Vulnerable Energy Consumers Coalition (VECC)
pursuant to s. 3.03.1 of the Practice Direction on Cost Awards**

Pursuant to section 3.03.1 of the Ontario Energy Board's *Practice Direction on Cost Awards*, the Vulnerable Energy Consumers Coalition (VECC) is pleased to provide the Board with its 2021 annual filing.

Please do not hesitate to contact me if you have any further concerns or inquiries.

Yours truly,

A handwritten signature in black ink, appearing to be 'John Lawford', is written over a light blue circular stamp.

John Lawford
Barrister & Solicitor | Counsel to VECC
c/o Public Interest Advocacy Centre

cc: Mark Garner, Shelley Grice, Bill Harper

ONTARIO ENERGY BOARD PRACTICE DIRECTION ON COST AWARDS

(REV. APRIL 24, 2014)

2021 ANNUAL FILING OF THE VULNERABLE ENERGY CONSUMERS COALITION PURSUANT TO S. 3.03.1 OF THE PRACTICE DIRECTION

Introduction

1. The Vulnerable Energy Consumers Coalition (**VECC**) is an unincorporated coalition of two major Ontario organizations, the Ontario Society of Senior Citizens' Organizations and the Federation of Metro Tenants' Associations, facilitated by the assistance of a national non-profit corporation and registered charity, the Public Interest Advocacy Centre. This filing describes the purpose of VECC and the membership, constituency, and types of programs and activities that each coalition member carries out. It also notes the role of PIAC in facilitating the representation of VECC.

VECC Coalition

2. VECC was formed in 1999 with the intent of representing the interests of residential consumers in matters of energy regulation and policy where those consumers, by reason of age, income, tenure or place of residence, language, literacy, or other infirmity may experience greater hardship than other residential consumers as a result of increased rates or policies that place demands on customers. These same consumers may have difficulty, or lack the resources to ensure that their voice is heard by regulators and policy makers deciding upon energy issues.
3. VECC has intervened in hundreds of OEB hearings since the date of its formation in 1999, and shares in the credit for the efficacy of the intervenor participation process in affecting decisions that have advanced the public interest and resulted in reductions in utility demands and just and reasonable rates.
4. The Federation of Metro Tenants' Associations (FMTA) is a Toronto non-profit corporation composed of over ninety-two affiliated tenants associations, plus thousands of individual tenants, housing organizations, and members of non-profit housing co-ops. In addition to encouraging the organization of tenants, and the promotion of decent and affordable housing, the Federation provides general information, referrals and assistance to tenants.

5. FMTA wishes to note that:

“Understanding the importance of energy costs to our members requires understanding the state of tenancy costs in Ontario. In Ontario, the vacancy rate for apartments hovers around 2.5% while in Toronto it is close to 1.5%. This has created intense pressure on rent escalation which is squeezing tenants. In addition to rising rents driven by energy costs, 25% of tenants pay their own electricity bills. The reduction in rates through intervention is critical to our members’ ability to pay their rent and expenses.”

FMTA’s principal representative is Geordie Dent, Executive Director, whose coordinates are the following:

FMTA
P.O. Box 73102 Wood St PO
Toronto, ON M4Y 2W5
Tel : (416) 646-1772 Fax : (416) 921-4177
Email : fmta@torontotenants.org
www.torontotenants.org

6. The Ontario Society of Senior Citizens’ Organizations (OSSCO) is a provincial organization and a registered charity. Founded in 1986, its mission is to improve the quality of life for Ontario’s seniors by encouraging seniors’ involvement in all aspects of society, by keeping them informed on current issues, and by focusing on programs to benefit an aging population. OSSCO offers education programs, policy and research, information, referral, counseling, research materials, outreach and support, self-help and volunteer programs. OSSCO’s membership includes over 140 organizations and individuals representing 500,000 senior citizens from across Ontario. OSSCO is community-based and not-for-profit and includes organizations representing seniors, ethnocultural, health, native, recreational, retiree, disability and women’s organizations. OSSCO members are kept informed of the activities of VECC through the organization web site.
7. OSSCO’s principal representative is its Executive Director, Elizabeth MacNab. OSSCO’s address and coordinates for OSSCO are:

OSSCO
345 Wilson Avenue, Suite 404
Toronto, ON M3H 5W1
Tel: 416-785-8570 / 1-800-265-0779
Email : info@ossco.org
<http://www.ossco.org/>

8. The Public Interest Advocacy Centre (PIAC) is an Ottawa-based, national non-profit corporation and registered charity established in 1976 to assist in the representation of those elements of the public interest that do not have the resources to represent themselves. It provides legal advice, representation, and specialized research on a non-profit basis to groups and individuals who are voicing public concern, and who would otherwise not have access to such services.
9. Since its inception, PIAC has made issues associated with the regulatory process for important public services a priority. In particular, the Centre has developed a reputation for providing effective advocacy in the regulation of telecommunications, broadcasting, energy, transportation and privacy. PIAC's work also includes issues of effective consumer protection and redress, e-commerce, competition law and policy, and the consumer interest in international trade agreements.
10. PIAC is not a member organization of the VECC coalition, but facilitates the work of VECC, largely by ensuring that representation and research support is available to VECC, and by assuming administrative responsibilities associated with filings and other Board requirements. Because PIAC is not a law firm, it cannot provide legal services. Legal services to VECC are provided by counsel who are not employees/agents for PIAC, but recommended by PIAC for VECC retainer as a result of their regulatory experience with energy issues and regulation.

Individuals Representing VECC in Board Proceedings

11. VECC representation is mainly provided by counsel and consultants retained by VECC through the facilitation of PIAC. PIAC is only the facilitator and administrator in the arrangement. As well, in any VECC intervention, counsel instructions are the province of VECC, not PIAC.
12. VECC engages legal counsel and consultants from time to time to assist in its representation before the Board. In addition to the organization officers listed above, the counsel and consultants currently engaged include the following:
 - Mark Garner, Analyst/Consultant
 - Shelley Grice, Analyst/Consultant
 - Bill Harper, Analyst/Consultant
 - John Lawford, Counsel
13. The curriculum vitae of Mr. Lawford and Mr. Harper (updated) are attached to this document. Those of Mr. Garner, Ms. Grice are already on file with the Board.

All of which is respectfully submitted this 10th day of August 2021.

JOHN LAWFORD

613-447-8125

j.lawford@sympatico.ca

LANGUAGES

ENGLISH AND FRENCH

English first language; functional oral French. Regularly read French materials and can prepare written materials in basic French. Government of Canada language test scoring (from 2001): Reading: E; Writing: E; Oral: C.

EDUCATION

LL.B., Queen's University, Kingston, Ontario, 1990

B.A. (English), 1st class, Queen's University, Kingston, Ontario, 1990

PROFESSIONAL MEMBERSHIPS

Law Society of Upper Canada (Ontario)

Member in good standing

Called February 1992

WORK EXPERIENCE

Public Interest Advocacy Centre (PIAC)

Ottawa, Ontario

EXECUTIVE DIRECTOR/GENERAL COUNSEL

September 2012 to Present

Executive Director tasks:

- Day to day management of national non-profit and nationally registered charity.
- Responsible for all management and attendant corporate governance, fundraising and representation of organization with government, corporate stakeholders and media.
- Government relations.

Numerous appearances and presentations before Parliamentary committees, stakeholder roundtables and hundreds of interviews with news media (TV, radio, online and print).

General Counsel tasks:

- Oversight and responsibility for all legal argument of organization and clients.
- Management and oversight of exterior and in-house counsel.
- Development of legal strategy and consumer policy.
- Presentation of legal argument in regulatory tribunals and legal and policy argument before legislators and policymakers.

Numerous regulatory appearances before the Canadian Radio-television and Telecommunications Commission (CRTC) on telecommunications and broadcasting matters. Oversight of energy advocacy and operations of the Vulnerable Energy Consumers Coalition in proceedings before the Ontario Energy Board (OEB) and Yukon Utilities Board (YUB).

RESEARCH LAWYER AND ANALYST

July 2003 to August 2012

- Legal and policy research, report writing and presentation on variety of consumer issues, including privacy, consumer financial services, telecommunications and competition law.
- Emphasis on consumer privacy, telecommunications and consumer financial transactions.
- Assumed outside legal counsel role in 2005.
- Appeared before the CRTC on numerous regulatory matters in telecommunications representing PIAC and other parties.

Legal Researcher/Consultant
Ottawa, Ontario

November 2002 to June 2003

SELF-EMPLOYED RESEARCH LAWYER

- Legal research and writing/consulting services offered to a variety of clients.
- One completed project was for Office of Critical Infrastructure Protection and Emergency Preparedness (OCIPEP) reviewing federal-provincial memoranda of understanding on emergency preparedness.
- Final paper analyzed present MOUs and presented options for updating and change of MOUs, including policy and legal issues.

Gowling Lafleur Henderson LLP
Ottawa, Ontario

August 2001 to November 2002

GENERAL COUNSEL GROUP - RESEARCH LAWYER

- Research and writing in medical malpractice and professional discipline for General Counsel group.
- Wrote opinion letters, government submissions, legal memoranda, internal legal education materials.
- Assisted in maintenance of internal online research database.
- Researched a wide variety of medical-legal and health law questions for use by General Counsel for their work for the Canadian Medical Protective Association.
- Drafted submissions to Ontario government on *Privacy of Personal Information Act, 2002* and prepared reports on provincial health privacy legislation for the CMPA.

Perley-Robertson, Hill & McDougall LLP
Ottawa, Ontario

1999 to August 2001

RESEARCH DIRECTOR

- In-depth legal research for litigation, corporate and real estate departments.
- Preparation of legal memoranda, facta, opinion letters and seminar materials.
- Presented legal updates to lawyers in all departments.
- Responsible for oversight of articling student research including initial consultation and final review prior to submission to lawyers.
- Training of articling students in legal writing and legal research.
- Designed and maintained internal database of legal memoranda.

Assistant Editor, National Trade and Tariff Service (Butterworths), including National Trade and Tariff Reports and Tradewinds newsletter.

QL Systems Limited (QUICKLAW Inc.)
Ottawa, Ontario

WEBMASTER

1996 to 1998

- All tasks involved in writing, designing and maintaining website for QL Systems Limited to promote the QUICKLAW on-line service.
- Included preparing company-wide Internet Use Policy and legal audit of QL Systems Limited website and Internet use as well as website hosting agreements.

SPECIAL PROJECTS DIRECTOR

1988 to 1990; 1992 to 1998

- Administer QL's Systems' Educational and Judicial programs. The Educational program involved complete creation, marketing and administration of over 15,000 QUICKLAW educational accounts (students', professors' and law librarians') at all Canadian law schools and legal assistant programs.
- Created and administered on-line contracting procedure for judges and law students.
- Database management, contracting and liaison with publication editors and authors.

Binks, Simpson
Ottawa, Ontario

1990 to 1991

STUDENT-AT-LAW

- Preparation for civil and criminal trials, including drafting of pleadings, conducting client interviews, legal research, title searching.
- Representing clients at small claims court trials and administrative tribunal hearings.

SELECTED PUBLICATIONS

Jacques St-Amant, Alysia Lau & **John Lawford**. *Managing Legal Risk in the Canadian Retail Electronic Payment System: The Consumer's Perspective* (Ottawa: Public Interest Advocacy Centre), October 2017. Online: <https://www.piac.ca/wp-content/uploads/2017/12/4116-PIAC-Managing-Legal-Risks-in-Retail-Payment-System-FINAL-ENG-REVISED-FINAL.pdf>

John Lawford, Jonathan Bishop, Alysia Lau, and Kent Sebastian. *Consumer Protections for Airline Passengers: A Report for the Canada Transportation Act Review Secretariat*. (Ottawa: Public Interest Advocacy Centre), March 2015. Online: <http://www.piac.ca/wp-content/uploads/2016/03/Consumer-Protections-for-Airline-Passengers-March-31-2015.pdf>

John Lawford and Alysia Lau. *No Consumer Left Behind: A Canadian Affordability Framework for Communications Services in a Digital Age* (Ottawa: Public Interest Advocacy Centre), January 2015. Online: <http://www.piac.ca/wp-content/uploads/2015/03/PIAC-No-Consumer-Left-Behind-Final-Report-English.pdf>

John Lawford and Geoffrey White. *“Front and Centre’: The Consumer Interest in Telecommunications and Broadcasting in Canada”* (Ottawa: Prepared for the 17th Biennial National Conference New Developments in Communications Law and Policy), May 2014.

John Lawford, *Pragmatic Solutions to Payday Lending: Regulating Fringe Lending and “Alternative” Banking* (Ottawa: Public Interest Advocacy Centre), December 2010. Online: [https://www.piac.ca/wp-content/uploads/2014/11/can we can spam.pdf](https://www.piac.ca/wp-content/uploads/2014/11/can_we_can_spam.pdf)

Blog Posts

John Lawford (2018, March 20). “Banks Solidly Chided by Feckless Regulator - PIAC reacts with bemusement at the high-level whitewash of banks’ aggressive sales practices”. Online: <https://www.piac.ca/banks-solidly-chided-by-feckless-regulator/>

John Lawford. (2017, March 2). “‘The Economist’ concludes Canada has ‘most affordable’ Internet– what is wrong with this picture?” Online: <https://www.piac.ca/the-economist-concludes-canada-has-most-affordable-internet-what-is-wrong-with-this-picture/>

ORGANIZATIONS & ACTIVITIES

Chair, Board of Directors, BC Public Interest Advocacy Centre (Vancouver, BC)

DJing; electronic music production; various sports.

REFERENCES

Janet Lo
Assistant Commissioner - Legal, Regulatory and Stakeholder Affairs
P.O. Box 56067 – Minto Place RO, Ottawa, ON K1R 7Z1
T: 343-317-0033
E: Janet.Lo@ccts-cprst.ca

Mr. Geoff White
Geoff White
Executive Director
Competitive Network Operators of Canada
T: (613) 612-1190
E: geoff.white@cnoc.ca

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 Québec'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
- 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 and 2021/22 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 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)
 - 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)
- 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