

**IN THE MATTER OF** the *Ontario Energy Board Act, 1998*, S.O. 1998, c. 15,  
Schedule B;

**AND IN THE MATTER OF** the preparation of handbook for electricity  
distribution rate applications.

**Joint Evidence of Rogers Cable Communications Inc. and Energy Cost Management Inc.  
on Unmetered Scattered Load prepared by:  
Kevin Vagg, Network Facilities Analyst, Rogers Cable Inc.; and Paula Zarnett, Principal,  
Barker, Dunn & Rossi, on behalf of Rogers Cable Inc.;**  
**and by Roger White, a Principal and President of Energy Cost Management Inc.**

December 13, 2004

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## INTRODUCTION

1. The following evidence supporting the consensus position on unmetered scattered loads ("USL") reflected in the draft Distribution Rate Handbook ("DRH") for 2006 Electricity Distribution Rates ("EDR"), is submitted jointly by Rogers Cable Communications Inc. ("Rogers") and Energy Cost Management Inc. ("ECMI") in the spirit of, and consistent with, Ontario Energy Board's (the "Board's") Issues Day Decision in RP-2004-0188 (the "Issues Day Direction").
2. This evidence has been prepared by: Kevin Vagg, Network Facilities Analyst, Rogers Cable Inc.; and Paula Zarnett, Principal, Barker, Dunn & Rossi, on behalf of Rogers Cable Inc.; and by Roger White, a Principal and President of Energy Cost Management Inc. A *curriculum vitae* for each of these individuals is attached at Appendix "A" to this evidence and supports their qualifications and ability to provide evidence to the Board on the issue of USLs.
3. Rogers is an integrated cable and communications company that receives electricity for its power supplies from Local Distribution Companies ("LDCs") throughout Ontario. It has a direct interest in the USL issue as a result of the considerable variability in the distribution rates that it currently pays to LDCs as an USL customer.
4. The variability in the rates Rogers pay as an USL customer is such that: the fixed component of distribution rates applicable to Rogers varies from less than \$1/ connection (one dollar per connection) to more than \$40/connection (forty dollars per connection), and its average total distribution charge (per kWh) ranges from 0.57 cents to 10.85 cents.
5. ECMI is a service company which provides regulatory support to 10 Ontario Local Distribution Companies (LDCs). In this proceeding ECMI represents 9 LDCs. ECMI also provides service to individual end-use customers with respect to contracts including terms and conditions of supply. ECMI has a direct interest in the USL issue as a result of the potential impact on its clients and their ratepayers which might result from changes in the existing treatment of USLs and the question as to whether USL should qualify as a separate rate group.
6. The Board in its Issues Day Direction took the long outstanding (customer classification) issue of the over 50kW /under 50kW boundary off the table for the 2006 EDR process. ECMI acknowledges the Board's decision that the general issue of customer classification will not be dealt with in this hearing. Given the absence of a full examination of customer classification and the related issues, ECMI is supportive of the compromise for 2006 reached in its entirety for the treatment of USL.

## **The Proposed Settlement**

7. Both ECMI and Rogers support the following consensus position on USL, which has been reached through the discussion, analysis, compromise and consideration of the Chapters 4 and 5 - Cost Allocation and Rate Design Working Group (which included USL issue) (the "Working Group") and the Cost Allocation and Rate Design Executive Committee (the "Executive Committee"). ECMI and Rogers believe that the compromise is in the spirit of the Issues Day Direction.
8. The following evidence is submitted to assist the Board in its consideration and approval of section 10.2 of the draft Distribution Rates Handbook and is organized as follows:
  - I. The Board's Issues Day Direction
  - II. The Process Involved in Achieving Consensus
  - III. The Consensus

### **I. The Board's Issues Day Direction**

9. On Issues Day in the RP-2004-0188 proceeding, the Board heard argument on the USL issue and ruled that:

The Board's ruling on this is that, in general, no changes should be made to customer classes before the 2007 cost-allocation study. However, the Board does consider that the anomaly presented by unmetered, [*sic*] scattered loads should be addressed in this process. The differences between utilities are sufficiently significant, and the issues are sufficiently urgent, that the Board will entertain evidence and argument on this issue.

The Board wishes to indicate that it is preferable that the Working Group resolve, or at least narrow, the issues involved in the unmetered, [*sic*] scattered load question. The Board particularly encourages the development of an interim solution from the Working Group, as the matter is likely to be revisited in the 2007 cost-allocation study.

10. Subsequent to the Board's Issues Day Direction, the members of the Working Group and Executive Committee worked through October, November and the early part of December to reach consensus on the interim solution set out below, to be in effect until a 2007 cost-allocation study has been completed.

### **II. The Process Involved in Achieving Consensus**

11. The process involved in achieving consensus on the USL issue involved deliberation, consideration and analysis by both the Working Group and the Executive Committee. Additional negotiations on this matter also took place before the Board's Issues Day Direction. It is noteworthy that the process involved deliberation on 9 options, and required extensive work over a period of more than two months. Considerable good will

and willingness to compromise were demonstrated by all parties in arriving at the compromise that is reflected in the consensus. A summary of the recent process to achieve the consensus-based interim solution is set out in the table below.

<b>Date</b>	<b>Event</b>
November 3 <sup>rd</sup> , 2004	Board issued its Issues Day decision in RP-2004-0188, therefore keeping USL as an issue within the 2006 process
November 11 <sup>th</sup> , 2004	Rogers commenced participation in Executive Committee meetings.
November 15 <sup>th</sup> , 2004	Working Group meetings resumed.
November 18 <sup>th</sup> , 2004	Working Group conference call
November 18 <sup>th</sup> , 2004 through December 3 <sup>rd</sup> , 2004	Of 9 options put forward, 3 were discussed in greater detail and analyzed for impact.
November 19 <sup>th</sup> , 2004	Working Group conference call
November 25 <sup>th</sup> , 2004	Working Group conference call
November 26 <sup>th</sup> , 2004	Executive Committee meeting
November 26 <sup>th</sup> , 29 <sup>th</sup> and December 1 <sup>st</sup> , 2004	E-mail communications sent to all Working Group, Executive Committee, and other stakeholders, inviting them to participate in a Dec. 2 <sup>nd</sup> , 2004 meeting established for the sole purpose of reaching a consensus on a USL interim solution.
November 30 <sup>th</sup> , 2004	Working Group conference call
December 1 <sup>st</sup> , 2004	Within a conference call specifically scheduled for discussing the USL issue, significant progress made towards reaching consensus.
December 2 <sup>nd</sup> , 2004	Consensus on the interim solution reached in the Working Group.
December 3 <sup>rd</sup> , 2004	Within a joint Executive Committee Meeting (“Rate Base & Revenue Requirement” & “Rate Design”), there was additional consideration and deliberation on WG consensus, which eventually lead to consensus by Executive Committee.

### **III. The Consensus**

12. In the spirit of the Board’s Issues Day Direction, the members of the Working Group and Executive Committee reached consensus on the following interim solution for unmetered scattered loads to be included in the draft Distribution Rate Handbook for 2006 Rates:

## **10.2 Unmetered Scattered Loads**

This group of accounts includes those locations that are not specifically metered, and may include such installations as bus shelters, telephone booths, CATV amplifiers, traffic signal lights, and billboard lighting.

There is considerable variability and inconsistency among distributors in the treatment of unmetered scattered loads for rate design and billing purposes, and the levels charged to similar unmetered scattered load customers.

On an interim basis for 2006, prior to the cost allocation study and rate re-design that will take place in 2007, unmetered scattered load customers will be treated as follows:

- 1) A distributor that currently has unmetered scattered load charges in either of the following two manners will maintain the status quo in its 2006 rate treatment of unmetered scattered loads:
  - The monthly service charge to unmetered scattered load customers having multiple unmetered connection points is on a per customer, and not a per connection point, basis, and the level of the charge is equal to, or less than, the General Service <50 kW monthly service charge per customer.

**OR**

- The distributor has developed and implemented a unique level of monthly service charge(s) payable by unmetered scattered load customers.
- 2) A distributor that currently bills its unmetered scattered load customers as small commercial or General Service <50 kW by applying the monthly service charge on a per connection point basis, shall set the level of the monthly service charge at 50% of the monthly service charge of the General Service <50 kW rate and continue to apply it on a per connection point basis.
  - 3) From a revenue perspective, a distributor shall be kept whole as a result of any rate changes to the monthly service charge for unmetered scattered loads. Any revenue shortfall that may result from this interim measure will be recovered by means of a re-allocation of the revenue shortfall over all classes (or sub-classes or groups), in proportion to the class's (or sub-class's or group's) distribution revenue, and recovered from all the distributor's customers through both the fixed and the variable components of their respective distribution rates. The re-allocation of the revenue shortfall as a result of applying this interim measure is incorporated into the worksheet Rates 1 of the 2006 EDR Model in Appendix D.
  - 4) The methodology used by a distributor to estimate the load profiles and energy consumptions of these types of loads is not specifically incorporated into this interim solution. In the event, however, that a reasonable estimate of the energy use for a/several delivery point(s) is required, the specific customer will have reasonable advanced notice of the proposed method, and of the estimate of the

cost to the customer to establish and monitor a reasonable estimate of the energy use for a delivery point or for several delivery points.

The applicant must complete and file Schedule 10-2 (**to be written**) as part of its application.

## CONCLUSION

13. In conclusion, ECMI and Rogers respectfully request that the Board approve the consensus reached on the interim treatment of USL as set out in section 10.2 of the draft Distribution Rate Handbook for 2006 rates. Both ECMI and Rogers submit that the proposed consensus represents a reasonable compromise, based on the concerns of all participating stakeholders in the Working Group and the Executive Committee, which is the result of the investment of significant time, effort and resources by all members of the Working Group and the Executive Committee. The settlement allows many LDCs to maintain the status quo pending the cost allocation studies in 2007, while providing a means to distribute any reduction in revenues to keep affected LDCs whole, from a revenue perspective. The settlement also represents a step toward addressing some of the concerns of USL ratepayers. It therefore constitutes a reasonable compromise and an interim solution until all related issues can be analyzed and addressed in the context of the 2007 cost allocation process.

## APPENDIX “A”

## **KEVIN VAGG, ROGERS CABLE COMMUNICATIONS INC.**

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### ***CONTACT INFORMATION***

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Mississauga, ON, L5C 3T6  
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(416) 558-4462 – c  
(905) 273-9073 – f  
[Kevin.vagg@rci.rogers.com](mailto:Kevin.vagg@rci.rogers.com)

### **CURRENT POSITION AND RESPONSIBILITIES**

*July 1997 to Present:*

#### **Network Facilities Analyst (National)**

***ROGERS CABLE  
COMMUNICATIONS INC.***

Within the Engineering-Network Facilities Department,  
responsible for:

- Ø Preparing, monitoring, and reporting on a multi-million dollar network facilities operating budget
- Ø Authoring all sensitivity analysis associated with Regulatory matters affecting facility costing
- Ø Providing national liaison for all matters pertaining to network facility billings and recoveries
- Ø costing analysis, process development, and special projects related to network facility usage and costing

### **PRIOR CAREER HISTORY**

*May 1994 to July 1997:*

#### **Team Manager, Project Coordination**

***CEN-COMM/SENTREX  
COMMUNICATIONS INC.***

**System Planner (on contract to Rogers Cable Communications Inc.)**

**CATV Technician**

**CATV Designer**

**Cad Operator**

### **EDUCATIONAL AND PROFESSIONAL QUALIFICATIONS**

*Post-Secondary Education*

- Communications Studies (York University) – still in progress.
- Architectural Technology (Sheridan College)

*Certifications*

- Management Studies Certification (Sheridan College) – still in progress
- OMDP Leadership Skills Certification (Sheridan College)



*Professional Organizations*

- Project Management Certification (Sheridan College)
- Former Chair for the Toronto Public Utility Coordinating Committee – 1 year term (2001)
- Former Treasurer for the Toronto Public Utility Coordinating Committee – 2 year term (1999 / 2000)
- Former Chair for the Toronto Public Utility Coordinating Committee Mapping Sub-committee – 1 year term (2000)

## PAULA ZARNETT

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### Overview

Paula Zarnett has 25 years broadly based experience specializing in tariff designs, cost allocation and regulatory compliance. Her career of progressive responsibility in natural gas and electric utilities led to a position as manager of marketing at Toronto Hydro, Canada's largest municipal electric distribution utility, where her responsibilities included all rate and regulatory issues, customer research including load research, and customer program design. She was responsible for Toronto Hydro's first cost allocation study, a one-year, cross-functional team project, and subsequently managed a series of updates and refinements to that study. She was also a member of the Municipal Electric Association Rates Committee and its Cost of Service Sub-Committee which developed a generic cost allocation methodology for use by three size groupings of Ontario electric distribution utilities. Before joining Toronto Hydro, she performed cost allocation studies for natural gas utilities in Manitoba and Alberta.

Paula's consulting assignments include three cost allocation studies for municipal electric distribution utilities in New Brunswick, and one for an Ontario steam distribution system. She was a participant in the Ontario Energy Board's recent Cost Allocation Working Group for electricity distribution utilities.

She has been responsible for design and implementation of a wide variety of innovative distribution rates including time of use, both for large industrial and for residential customers, curtailment incentives, and special rates for retention of water heating loads. She also designed a transmission tariff for the national integrated electric utility in Ghana, West Africa.

### Assignment for Rogers Cable Inc.

Paula was retained by Rogers Cable Inc. to provide advice and analysis with respect to the treatment of unmetered scattered loads in the 2006 EDR. Paula's involvement in the Working Group, Executive Group, and consensus building process on this issue consisted of:

- Ø review of background documents and the Board's Issues Day decisions;
- Ø participation in Working Group conference calls on November 29 and December 1, 2004;
- Ø review of stakeholder rate analysis ;
- Ø attendance at a Working Group meeting on the Board's offices on December 2, 2004 to review computations of the Working Group and Board staff and confirm consensus;
- Ø attendance at the Executive Group meeting on December 3, 2004 to review the draft Distribution Rate Handbook, at which time there was further discussion on draft section 10.2 dealing with unmetered scattered loads leading to confirmation of consensus.

Paula reviewed data provided by Rogers as to their unmetered scattered loads in 35 LDCs and as to the applicable rates in those LDCs and made computations as to the variability of the rates based on the data provided. She then participated directly in the preparation of evidence filed jointly between Energy Cost Management Inc. (ECMI) and Rogers.

### EXPERIENCE BY SUBJECT AREA

(INCLUDES PROJECTS UNDERTAKEN AS A CONSULTANT, AND IN THE COURSE OF RESPONSIBILITIES WITHIN ORGANIZATIONS)

*Cost Allocation and Load Research*

**Perth-Andover Electric Light Commission** – study to allocate the bundled costs of electricity service to customer classes and assess the

impacts on cost allocation of changes to the wholesale rate structure.

**Saint John Energy** – two studies to allocate the bundled costs of electricity service to customer classes; one of these studies included analysis of metered system load profiles and publicly available typical customer profiles to develop demand allocation factors.

**Enwave District Energy Limited** – study to allocate costs of service for a district steam system as a basis for pricing redesign; study included analysis of detailed time-related customer consumption data as a basis for allocation of costs, as well as operating and financial data.

**Toronto Hydro** – planning and execution of customer load research projects, including deployment of research metering, load data analysis and related customer research and surveys.

**Toronto Hydro** – coordination of first comprehensive cost of service study, a one-year cross-functional project, including in-depth data collection, selection of allocation methodologies and development of computer-based analytical tools. Led subsequent updates and refinements to the study.

**ICG Utilities Ltd.** – fully allocated cost of service studies for natural gas distribution systems in Manitoba and Alberta, including data analysis and development of computer-based analytical framework.

Member – Ontario Energy Board Cost Allocation Working Group (2003)

Member – Municipal Electric Association Cost of Service Sub-Committee (1986-1988)

*Rate Designs and Pricing Studies*

**British Columbia Ministry of Energy and Mines** – advisory and due diligence services with regard to recommendations by the British Columbia Utilities Commission for implementation proposed Heritage Contract and stepped rates to wholesale and industrial customers.

**Toronto Hydro-Electric System** – development of market-based transfer pricing proposal for services to the regulated distribution utility, from a proposed competitive business affiliate.

**Volta River Authority (Ghana)** – development of tariff structure and preliminary rates for open access use of the national electric transmission system in Ghana.

**Enwave District Energy Limited** – determination of appropriate customer classification and pricing design alternatives for a district steam system in a context of competitive electricity and gas markets and wider service choices for existing and potential customers.

Participated in committees and task forces of the Municipal Electric Association (of Ontario), an association representing 300 member utilities, with respect to wholesale and retail rates and regulatory policy issues; and made presentations at meetings and conferences on these subjects.

**Toronto Hydro** – development and initial implementation of time of use rates for residential and large industrial customers; development of pricing strategies and policies for all customer classes.

**Toronto Hydro** – development of all customer rate designs, implementation strategy, and preparation of annual submissions for approval of the rates. Managed a team of specialists in the preparation of associated detailed studies, load forecasts and load research.

**ICG Utilities Ltd.** – analysis in support of rate designs for natural gas distribution utilities in Manitoba and Alberta, and for propane distribution through pipes in British Columbia. Testimony in public hearings in British Columbia for regulatory approval of natural gas rates.

*Regulatory and Industry Policy*

**Barbados Public Utilities Board** – study to recommend procedures, rules and systems for oversight of the natural gas sector by a new regulatory agency.

**Toronto Hydro** – testimony in public hearings before the Ontario Energy Board on subjects of wholesale and retail rate policy and electricity marketing; advised management in strategy related to regulatory compliance and industry regulatory issues.

**Electricity Distributors Association** -- analysis of cash flow patterns of electricity distribution utilities in Ontario reflecting customer payment patterns and market settlement requirements

**Electricity Distributors Association** – study to determine the financial benefit to municipalities of ownership of local distribution companies (LDCs).

**Prospective Industry Participant (Confidential)** -- Assessment and overview report on regulatory framework and issues in Ontario

*Financial and Project Feasibility Analysis*

**Toronto Hydro** – analysis of proposals related to participation in cogeneration and imbedded generation projects

**Toronto Hydro** – financial analysis and forecasting related to long-term distribution system upgrade plan

**Natural gas sector client** – financial model of proposed major pipeline expansion

**City of North Bay** – study of options for future ownership and governance of its electricity distribution system under new legislation, including identification of stakeholder issues, comparison of benefits, and facilitation.

**Gloucester Hydro** – assessment of financial and qualitative risks and benefits of retention of ownership and operation of Gloucester Hydro, an electricity distribution utility, by the City of Gloucester, under changing legislation and regulatory framework, and establishment of parameters for consideration of offers to purchase or lease the utility.

**Kanata Hydro** – assessment of financial and qualitative risks of retention of ownership and operation of Kanata Hydro, an electricity distribution utility, by the City of Kanata, under changing legislation and regulatory framework.

**Seven Ontario municipalities** -- Analysis and financial modeling to compute present value of continued ownership of electricity distribution assets for seven neighboring municipalities, to assist in consideration of competing proposals to purchase or lease the utilities.

*Business and Strategic Planning*

Evaluation of main factors for consideration by owners of utilities in Simcoe County, in deciding whether to form joint venture companies for distribution and energy services to improve costs, performance and shareholder value.

Assessment and overview report of competitive market issues for new electricity industry businesses establishing in Ontario's restructured electricity market.

**Toronto Hydro** – participation in a team to study competitive power procurement and recommend a strategy for an open access market in electricity.

**Toronto Hydro** – creation of a framework for the assessment and development of competitive business ventures.

**Toronto Hydro** – corporate-level coordination of this electric utility's first strategic planning process; later participated in a management team to design and implement an effective strategic planning process.

**Oshawa PUC Networks Inc.** – policy recommendations for customer connections and capital contributions.

*Organizational Improvement*

**Toronto Hydro** -- initiatives and special projects related to corporate effectiveness and productivity improvements, including:

- Establishment and coordination of the efforts of cross-functional

teams involved in: development of corporate performance measures; improvement of inter-departmental service relationships; measurement of employee attitudes; testing of process re-engineering methodology; multiple process re-engineering projects for improvement of service to customers.

- Design and implementation of a management development program.
- Development of a corporate business planning process.
- Coordination of corporate planning and group problem-solving events to build understanding and commitment of staff.
- Presentations on performance improvement at seminars and conferences.

*Marketing, Customer Service and Customer Program Design*

**Toronto Hydro** – management of all market research, advertising and promotions, and market strategy development; managed development of new customer service programs and service improvement initiatives, and their implementation through cross-functional teams.

*Training, Facilitation and Project Management*

**London Hydro** – training in regulatory compliance requirements and regulatory framework for management and staff of electricity distribution utility.

**Toronto Hydro-Electric System** - advice and facilitation to a cross-functional team of client staff in the development of a formal operating agreement for services exchanged between the regulated electricity distribution utility and a proposed competitive affiliate.

## **CAREER HISTORY**

*2001 – Present*

**Barker, Dunn & Rossi** – consultant specializing in rate designs, cost and financial analysis, business planning and energy market restructuring issues.

*1998 – 2001*

**In association with Acres Management Consulting** – consultant specializing in rate designs, cost and financial analysis, business planning and energy market restructuring issues.

*1995 – 1998*

**Toronto Hydro** – Manager, Marketing and Energy Management

*1993 – 1995*

**Toronto Hydro** – Special Assistant to the General Manager (responsible for organizational performance improvement initiatives)

*1986 – 1992*

**Toronto Hydro** – Supervisor of Rates and Cost Analysis

*1984 – 1986*

**Toronto Hydro** – Senior Rate Analyst

*1981 – 1984*

**ICG Utilities Ltd.** – Coordinator, Rate Administration

*1979 – 1981*

**H. Zinder & Associates Canada Ltd.**, Senior Analyst

## **EDUCATIONAL AND PROFESSIONAL QUALIFICATIONS**

*Degrees and Designations*

Society of Management Accountants of Manitoba, CMA  
 University of Calgary, Masters of Business Administration (Finance)  
 University of Toronto, Bachelor of Arts (Hon), Anthropology

*Professional Association*

Society of Management Accountants of Manitoba

*Continuing Professional  
Development*

Queens University School of Business, Marketing Program  
Queens University School of Business, Sales Management Program  
Society of Management Accountants of Canada—Customer Profitability  
Analysis  
Society of Management Accountants of Canada—Strategic Cost  
Management

**CURRICULUM VITAE**  
**of**  
**ROGER WHITE**

**EDUCATION**

- partial MBA McMaster University
- Professional Engineer - 1975
- graduated B.A.Sc. (electrical) University of Windsor - 1972

**PROFESSIONAL ASSOCIATIONS**

- APEO (Association of Professional Engineers of Ontario)

**ONTARIO HYDRO SERVICE (1976 - 1993)**

- Head Office:
  - Superintendent Policy -Municipal & Industrial Service 1988- 1993
  - Industrial Service Superintendent (1986-1988)
  - Municipal Service Superintendent (1984-1986)
  - Rural Service Supervisor (1980-1984)
  - Municipal Service Supervisor (1976-1980)
- joined Ontario Hydro as a Consumer Service Supervisor (1973-1976)

**EXPERIENCE PRIOR TO ONTARIO HYDRO**

- instructor St. Clair Community College (1 year)
- worked 3 years in trade positions for Bell Telephone and Windsor Utilities Commission

**MAJOR ACTIVITIES AT ONTARIO HYDRO**

- developed service (supply) policy part of our business for municipal utilities, direct customers, rural retail customers and distributing companies over the last 20 years.
- understand both customer needs and sound principles of a customer/supplier business relationship.
- developed and administered contracts recognizing the close relationship between contract terms and rates.
- managed budget and work programs in an environment which often had to respond to conflicting urgent demands.
- negotiated many agreements with utility committees, government agencies, and other stakeholders within and outside Ontario Hydro on such items as rate guidelines



(including cost of service studies, wheeling arrangements, communication packages and strategies, etc.

- developed clear policy directives which encourage staff to build business cases and meet customers' needs.
- led teams to develop retail rate design guidelines, computer systems, and emergency power shortage planning.
- supervised customer service and power billing staff.
- provided timely feedback to executives.
- worked with others to facilitate the desired changes of the recent revisions to Ontario Hydro's regulatory criteria including the associated accounting and rate base implications.
- reviewed financial statements and regulated investor owned companies.
- provided comments to the Law Division and executives for corporate response from customer service and business perspectives on changes to the Power Corporation Act, Public Utilities Act, and other provincial and federal statutes.
- served as an expert witness on cost allocation, wholesale rate design and billing of Ontario Hydro's bulk customers
- acted as primary lead within Ontario Hydro on negotiations with the Municipal Electric Association on the development of the 1994 amendments to the Power Corporation Act (Bill 185).

### **OUTSIDE AGENCY RESPONSIBILITIES WITH ONTARIO HYDRO**

- worked with Ministry of Municipal Affairs staff on legislation
- responded to Ontario Energy Board staff on matters relating to Ontario Hydro regulation on a day to day basis
- worked with Ontario Municipal Board staff and commissioners on matters of overlapping jurisdiction for our agencies
- participated as a member on a number of Municipal Electric Association Committees:
  - Time-of-Use Rate Implementation
  - Service Charge Rate Structure Communication
  - Unregistered easements and land rights from OH
  - Retail Rates and Power Costing
  - Miscellaneous Charge
  - Rate Design Workshop
  - Ad Hoc Committee on Municipal Utility Expansions

**EXPERIENCE PROFILE SINCE 1993**

**President, Energy Cost Management Inc. (ECMI) 1995 - date  
Roger White and Associates 1993 - 1995**

- developed rate and boundary adjustment workshops and manuals for the Municipal Electric Association
- prepared many boundary adjustment financial feasibility studies and provided guidance and support to consultants related to boundary adjustment issues and acted as an expert witness
- provided presentations to professional associations and clients on government policy papers and statute implications
- designed prepared and implemented reciprocal service agreements between MEUs dealing with staff, equipment and other significant items
- served as an expert witness in arbitration proceedings

**Most recent activities include:**

- intervened in Ontario Energy Board licencing process for Ontario Hydro Services Company on behalf of clients
- participated in presentations to Association of Municipal Managers, Clerks and Treasurers around the province
- provision of technical support to many municipal utilities and municipalities as they change to accommodate the OBCA companies for their utilities
- prepared merger studies for MEUs under Bill 35
- provided support to Local Distribution Companies (LDC's) in the preparation of initial rate unbundling rate applications
- provided support to LDCs for second tranche and Regulatory Asset Recovery applications
- provided initial support in scoping a regulatory submission for an out of province utility
- provided service to individual end use customers with respect to contracts including terms and conditions of supply
- involved on behalf of ECMI clients in the Service Quality regulation and Cost Allocation

working groups established by the OEB

- served on the three oversight groups and chaired one working group and participated directly in two other working groups of the 2006 EDR Handbook process on behalf of ECMI clients