

ELENCHUS RESEARCH ASSOCIATES

Bayu Kidane

Bayu Kidane has over 7 years experience in the energy sector with responsibilities as consultant at Elenchus Research Associates (ERA) and Assistant Editor, System Developer and Administrator of the Canadian Energy Regulation Information Service (CERISE) and the Ontario Electricity Monitoring Service (OEMS). In addition to his consulting and research work for ERA in matters involving the regulation of the electricity and natural gas industries, Bayu was also responsible for the initial specification, design and implementation of CERISE and OEMS and the administration and maintenance of the two web-based energy information services. Bayu also developed content for CERISE and OEMS including summaries of energy regulatory decisions from jurisdictions across Canada, proceeding updates, and news.

EXPERIENCE

Elenchus Research Associates (ERA)
Consultant (January 2004 – Present)

Projects:

Client: Power Workers' Union (PWU)

Supported the PWU's intervention and participation in, among others, the following regulatory proceedings and consultations by reviewing regulatory applications, identifying and analyzing issues, preparing interrogatories and written submissions, and participating at hearings, or by providing research support.

- Hydro One Networks 2009/2010 Transmission Revenue Requirement & Rates Application (EB-2008-0272) (2008-)
- Ontario Energy Board-Proposed Amendments to the Distribution System Code (DSC) (EB-2008-0102) (2008)
- IESO Fiscal 2008 Fees Submission for Review (EB-2007-0816) (2008)
- Transmission Connection Cost Responsibility Review (EB-2008-0003) (2008)
- Hydro One Networks 2008 Distribution Rate Application (2007 -2008)

- Hydro One Networks: Bruce - Milton Transmission Reinforcement Project-Leave to Construct Application (EB-2007-0050) (2007-2008)
- Integrated Power System Plan (IPSP) Review (EB-2007-0707) (Ongoing support to a team of consultants)
- Hydro One Networks: Bruce - Milton Transmission Reinforcement Project-Access to Land Application (EB-2007-0051) (2007)
- Connection Procedures under Transmission System Code: Hydro One Networks Inc. and Great Lakes Power Limited (EB-2006-0189 & EB-2006-0200) (2007)
- Combined Proceeding - Smart Meter and Authorized Discretionary Metering Activities (EB-2007-0063) (2007)
- Hydro One Networks' 2007/2008 Transmission Revenue Requirement & Rate Application (EB-2005-0501) (2006/2007)
- Distributed Generation: Rates and Connection (EB-2007-0630) (2007)
- Multi-year Electricity Distribution Rate Setting Plan: Cost of Capital (EB-2006-0088) and 2nd Generation Incentive Regulation Mechanism (EB-2006-0089) (2006-2007)
- IESO Fiscal 2007 Fees Submission for Review (EB-2006-0244) (2006)
- Ontario Power Generation Reliability Must-Run Contract for the Lennox Generating Station (EB-2006-0205) (2006)
- Electricity Supply RFP Monitoring (2006-2007)
Electricity Supply RFP Monitoring: Monitoring the developments of the Ontario electricity supply RFP projects including renewable supply, clean energy supply, and conservation and demand management contracts.
- Cost of Power Model (2004)
Developed for the PWU a cost of power model for Ontario with particular focus on the assessment of the impact of varying resource options on the cost of power, including the impact of replacing coal-fired generation with (1) gas-fired generation only, and (2) a diverse mix of resources.

Client: Ontario Energy Board

- Regulatory Cost Performance Measures: (March 2006) A report reviewing

methods used by other equivalent regulatory bodies in Canada, the U.S., Australia, and the U.K. to measure the cost of regulation in order to assist the Board in implementing and publishing (for fiscal 2007 and ongoing) an appropriate performance measure of the Board's cost of regulation.

- Natural Gas Electricity Interface Review (NGEIR) (EB-2005-0306) (August 2005): Prepared a report, on behalf of the OEB, reviewing practices in other jurisdictions, viz., Alberta, FERC, California, Illinois, Michigan, New York, and Great Britain, with respect to services provided to gas-fired generators. The report assessed the activities of the different stakeholders pertinent to the natural gas/electricity interface including activities of regulators, policy makers, electricity system operators, pipelines/storage companies and other utilities. Such activities include the services provided to gas-fired generators by transmission/storage companies, decisions and rules of the different regulators with respect to the approval of the construction of the necessary facilities required to serve the power market's gas requirements and the cost allocation of the associated investment and also the energy policies and plans, if any, of governments in regard to gas-fired generation.
- Enbridge Gas Distribution Inc. (EDG) Transactional Services Proceeding (EB-2005-0244): (March 2005): Conducted a research and prepared a report that formed part of the record of a public hearing that looked into how the business of Transactional Services is approached by utility/energy regulators in other jurisdictions in the United States and Canada and how North American utilities manage their Transactional Services business.

Client: Wirebury Connections Inc

- Sub-metering in Multi-Unit Residential Buildings (December 2005): A report and comment on the Ontario Power Authority (OPA)'s Supply Mix Advice. The report demonstrated why and how the resources of Ontario's sub-metering industry should be utilized in realizing the Ontario Government's Smart Meter Initiative with particular emphasis on Ontario's multi-unit buildings.

Client: EDC Associates

- The State of the Ontario Electricity Market: (2005): A report prepared for the Alberta-based EDC Associates on the state of the Ontario electricity market. The report assessed the significant policy, legislative and regulatory developments in the electricity industry, the key initiatives of the OEB, OPA, IESO and the Ontario Government; the outlook of the electricity industry, and identified the major areas of concern.

Client: Indian and Northern Affairs Canada (INAC)

- Developed an electronic Index of Statutes, Regulations, and other Regulatory Instruments of the Ontario Energy Board that are relevant to First Nations Electricity System.

***Canadian Energy Regulation Information Service (CERISE)
Assistant Editor and Administrator (March 2002 – 2006)***

Responsibilities included:

- Management of the CERISE Service
- Maintenance of the CERISE and OEMS websites
- Monitoring, particularly in Canada, energy regulatory developments such as applications, status of proceedings, the release of decisions and press releases from a variety of sources
- Compiling news, decision summaries and status of proceedings and posting them on the CERISE and OEMS websites

Application Developer (November 2001 – February 2002)

- Analyzed business and user requirements for the CERISE and OEMS (web-based and database-driven applications)
- Designed and implemented a relational database schema
- Implemented the initial version of CERISE and OEMS

***Ministry of Finance, Industry & Financial Policy Branch, Toronto
Economist/Research Analyst (Co-op Project Assignment: March –
June 2001)***

Project: Potential Bank Mergers and Small Business Financing

- Reviewed government policy documents and previous research conducted by the branch
- Compiled data and information on the role of banks, insurance and trust companies and credit unions in Canada's financial services sector and in the economy
- Conducted a trend analysis on the business strategy, efficiency, and market competitiveness of the major domestic banks
- Made a comparative analysis of the different views on bank mergers and their impacts on small business financing
- Analyzed the possible impacts of potential mergers on market competition in general and on small business lending and employment in Ontario in particular

- Produced and presented the final report.

Kotebe College, Addis Ababa, Ethiopia

- Lecturer, Department of Economics (1988-1995)
- Economist & Deputy Head, Project and Development Office (1991 – 1995)

EDUCATION

Master of Science – Information Technology

- University of East London, England, UK, 1999
- Specialized in Mathematical/Formal Methods of System Specification, Design and Implementation
- Award: Distinction

Master of Science: Development Economics

- South Bank University, London, England, UK, 1997
- Area of Research: International Economics, Governance & Development

Bachelor of Arts – Economics

- Addis Ababa University, Addis Ababa, Ethiopia, 1987
- Award: Distinction