

## ELENCHUS RESEARCH ASSOCIATES

### Alfredo Bertolotti

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Alfredo Bertolotti has over 10 years of experience in the Energy Sector with responsibility involving in energy regulation and rate issues. Alfredo joined ERA in September 2005. As consultant, he conducts research on electricity and natural gas regulation. He prepared submissions and participated in regulatory proceedings at the Ontario Energy Board (OEB) on behalf of its clients. In addition, he developed content for Canadian Energy Regulation Information Service (CERISE), including summaries of energy regulatory decisions from jurisdictions across Canada, proceeding updates, and news. Before joining ERA he was involved in several proceedings at the OEB on behalf of Energy Probe. Most of his career has been spent in South America. Alfredo was the rates manager for an electricity distribution company operated by Électricité de France in Argentina. He also had an experience as a consultant in South America. At the time he provided regulatory and economic analysis to medium and large electricity users as well as he participated in electricity rate review proceedings in Argentina and Brazil. He also worked for the Secretariat of Energy in Argentina. In particular, he was involved in natural gas and electricity planning issues and he conducted energy demand forecasts. Alfredo holds a Master's degree in Energy Economics from the University of Grenoble, France.

### EXPERIENCE

#### ***Elenchus Research Associates (ERA)***

#### **Consulting and Research (September 2005 – Present)**

- Conducted research on the practice followed by Canadian utilities on the capitalization policy of O&M expenses.
- Followed up the progress of generation in Ontario under contract with the Ontario Power Authority (OPA). This included the progress of generation under OPA's Renewable Energy Standard Offer Program.
- Assisted in the preparation of Interrogatory Responses (IRs) related to evidence filed by ERA on behalf of client before Nova Scotia utility and Review Board. For the purpose of IRs, further research was conducted. The research outlined the policy followed by Nova Scotia Power with respect to the functionalization of transmission facilities in cost of service studies.
- Conducted research on regulatory precedents in which regulatory authorities have dealt with natural gas pipelines excess capacity.
- Intervened on behalf of client in the Ontario Energy Board (OEB) proceeding for determining Ontario Power Generation's payment amounts for the output of its prescribed facilities.
- Participated in the preparation of a survey of policies with respect to the provision of new electricity transmission facilities in Canadian and International Jurisdictions.

- Conducted research on the policy followed by regulatory authorities dealing with special circumstances in the development of electricity transmission infrastructure.
- Participated on behalf of client in the OEB stakeholder consultation on rate design for the recovery of electricity distribution costs.
- Provided research support in the preparation of the evidence filed by client in the OEB proceeding on incentive regulation for natural gas distributors.
- Participated on behalf of client in the stakeholder consultation process on Hydro One 2008 Distribution Rate Application.

***Canadian Energy Regulation Information Service (CERISE) (September 2005 – September 2007)***

- Developed content for CERISE, including summaries of energy regulatory decisions from jurisdiction across Canada.

***Borealis Energy Research Association Consulting (May 2004 to July 2005)***

- Co-author of the evidence filed to the OEB on Benchmarking Considerations to Guide Ratemaking for the 2006 EDR.
- Representing Energy Probe in the Cost Allocation and Comparators and Cohort Working Group in the context of the 2006 EDR proceeding.
- Participated in the stakeholder consultation process on Hydro One 2006 Distribution Rate Application.
- Assisted in the preparation of submissions to the OEB on the Recovery of Regulatory Asset proceeding.
- Represented Energy Probe in the Planning and Strategy Working Group in the context of the Smart Meter Initiative.
- Co-author an Energy Probe electricity distribution rate study tracking the rate change for a group of Local Distribution Companies in the Province of Ontario for the period from 1998 until the introduction of the April 1, 2005 rate adjustment approved by the Ontario Energy Board.

***SIGLASUL, Rio de Janeiro, Brazil Consulting (March 2003-June 2003)***

- Participated in electricity rates review regulatory proceedings.
- Analysed cost allocation methodologies.
- Assisted in processing meter data and designing load data sampling.

Clients: LIGHT S.A. (Electricity Distribution Company of the city of Rio de Janeiro), CFLCL Electricity Distribution Company) and CENF (Electricity Distribution Company). Brazil.

***JorgeLapeña & Asociados, Buenos Aires, Argentina Consulting (November 2002-February 2003)***

- Participated in electricity rates review regulatory proceedings.
- Updated the asset base and operating costs for an electricity distribution company.
- Evaluated the financial risk for the electricity distribution industry.

- Prepared forecasts of revenues and expenditures.
- Estimated cost of serving electricity in remote areas.

Clients: *EPRE San Juan* (Electricity Board of the Province of San Juan). Argentina.

***RN Consultores, Mendoza, Argentina***  
**Consulting (December 2000-December 2002)**

- Identified regulatory management services opportunities for the electricity market.
- Conducted regulatory and rates analysis. Prepared and monitored regulatory filings.
- Provided regulation and economic analysis support to medium and large electricity users. Recommended supply and transmission cost-cutting measures that benefited customers.
- Conducted asset valuation analysis for electricity distribution companies.
- Assisted in a benchmarking cost study for electricity distributors.

Clients: EDESTE SA (electricity distribution company), Federación de Cooperativas Eléctricas de la Provincia de Mendoza (Electricity Cooperative Association of the Province of Mendoza); medium and large industrial electricity users.

***EDEMSA (Electricity Distribution Company), Mendoza, Argentina***  
**Rates Manager (December 1998-November 2000)**

- Organized the Rates division of the company according to the new regulatory framework after the new owner took over the company as a result of a privatization process.
- Responsible for ensuring rate regulatory compliance.
- Prepared and monitored regulatory filings.
- Conducted revenue impact analysis when a modification of the rate tariff was introduced.
- Supported council staff in financial and rates issues.
- Provided directions to other areas of the company on the interpretation of new rules dealing with rate and billing issues.
- Conducted rates and cost of service studies.
- Participated in the implementation of a new billing system.
- Conducted economic assessment analysis for a high voltage transmission line.
- Produced and monitored electricity sale budget.

***Secretariat of Energy (Federal Energy Authority), Buenos Aires, Argentina***  
**Analyst (January 1997-November 1998 and January 1993- July 1995)**

- Analyzed the impact of Southern Cone integration on the Argentinean natural gas and the electricity industries.
- Implemented simulation models for the natural gas transport system.
- Conducted long term natural gas supply forecasts.
- Implemented analytical techniques to forecast long term energy demand.
- Implemented econometric techniques to forecast long term electricity demand.

- Provided assistance in the preparation of an energy study for the MERCOSUR countries.
- Analyzed the natural liquid gas world trade and the possibility of being introduced in the Argentinean market.
- Provided assistance in setting electricity distribution rates in the context of the privatization of provincial distribution companies.
- Elaborated and Collected electricity statistics.

## **EDUCATION**

*DEA Économie Appliquée, Option Énergie.* Université Pierre Mendès France. Grenoble, France. 1995-1996. (Equivalent to a Master's Degree in Canada)

*Licenciatura en Economía.* Universidad de Buenos Aires. Buenos Aires, Argentina. 1984-1990.

### **Other Training Courses Include:**

Electricity Demand Forecasting for Nuclear Power Planning. *International Atomic Energy Agency.* Argonne National Laboratory, II, U.S.A. March-April 1995.