



January 24, 2011

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
P.O. Box 2319, Suite 2700
2300 Yonge Street, 26th Floor
Toronto, Ontario M4P 1E4

Re: Developing Guidance for the Implementation of Smart Grid in Ontario
Board File No. EB-2011-0004

Dear Ms. Walli:

I am writing to express AMPCO's interest in participating in the Smart Grid Working Group.

AMPCO is a not-for-profit consumer interest advocacy organization. AMPCO's members represent a cross-section of Ontario's major industries: forestry, chemical, mining and minerals, steel, petroleum products, cement, automotive and manufacturing and business consumers in general. AMPCO members are major investors, major employers and a major part of communities in which we operate, across Ontario.

AMPCO, and its member companies, are well known to the Board. AMPCO participates in many proceedings, working groups, consultations and initiatives of the Ontario Energy Board. AMPCO members include IESO market participants and transmission customers, as well as large use and general service distribution customers. In fact, our membership is split almost equally between customers served at transmission voltage and those served by distributors.

AMPCO is always interested in issues related to the price, adequacy, reliability and quality of electricity service. While the implementation of smart grid technology will affect these areas, we are most interested in the opportunities that can come with a well executed strategy to meet the customer control objectives provided in subsection 2(1.3)(b) of the Electricity Act.

AMPCO's members who are market participants have gained extensive and valuable experience operating in a dynamic, market environment in which IESO information systems and facility energy management systems, protections and controls are integrated. We are interested to work with the OEB, utilities and other stakeholders in the development of codes, standards and guidelines for smart grid implementation, to ensure that the lessons of the past can be transferred, and that the implementation of smart grid technology realizes its potential to facilitate greater participation and integration of large use and general service customers into Ontario's electricity market.

In AMPCO's previous proposals and submissions to the Board regarding transmission charge determinants, cost allocation and distribution rate design, we have consistently promoted the alignment of customer incentives with long term system cost to promote efficiency in supply and to promote efficient demand management. The policy and customer control objectives of the Minister's smart grid directive reinforce the government's support for these statutory objectives of the Board.

We nominate Wayne Clark to participate on AMPCO's behalf. Mr. Clark is AMPCO's technical consultant and is well known to the Board. His background in distribution system design, planning and operations as well as with information systems development provide a strong technical background in support of the working group activities. Moreover, Mr. Clark is also a member of the IESO Technical Panel that is involved in the development of market rules respecting the integration of renewable technologies into the Ontario electricity network, including embedded renewable generation. Outside Ontario, Mr. Clark also has experience as a technology coordinator for CEA Technologies, some of which activities included running workshops on distribution automation and developing a "technology roadmap" for future distribution systems. Mr. Clark's current CV is attached. AMPCO requests eligibility for Mr. Clark's costs in accordance with the Board's practice direction on cost awards.

We view the Working Group as a significant initiative of the OEB. The focus of its work is a priority for AMPCO. If the Board accepts our request to participate, we intend to participate fully and thoughtfully.

AMPCO request that copies of all documents and correspondence pertaining to this process be sent to me and Mr. Clark as follows:

Mr. Wayne Clark, P.Eng.
SanZoe Consulting Inc.
25 Priest Avenue
Minesing, ON L0L 1Y3
Tel.: 705-728-3284
Fax: 705-721-0974
Cell: 705-795-7823
E-mail: c.w.clark@sympatico.ca

Please do not hesitate to contact me if you have any questions or require any further information.

Sincerely yours,

(ORIGINAL SIGNED BY)

Adam White
President
Association of Major Power Consumers in Ontario

Copies: Mark Passi, AMPCO Chair
Wayne Clark
Shelley Grice



WAYNE CLARK

Name of Firm: SanZoe Consulting, Inc.
Profession: Consultant/ Electrical Engineer
Years Experience: 32 years

Membership in Professional Societies:

- Member, Professional Engineers of Ontario

Key Qualifications:

- Over 23 yrs employment experience in utility T&D, including management of operations, engineering, planning, asset management and customer service.
- Experienced at managing and completing large and small projects, including enterprise wide information systems development and implementation.
- Successful experience managing distribution service and operations as a profit centre
- Knowledgeable of wholesale electricity market operations and rules, including three years as a member of the Technical Panel of the Independent Electricity System Operator in Ontario.
- Consulting experience and expertise in asset management, project management, R&D program development and process re-engineering working with clients across North America.
- Knowledge of and experience with development and implementation of demand management programs for residential, commercial and industrial consumers.
- Experienced in the development of electricity industry regulatory processes.

Education:

- Bachelor of Applied Science, Electrical, University of Windsor, Canada, 1976

Experience and Employment Record:

2000 – Present Independent Consultant

- Engagements cover a broad span of utility business areas including asset management, project management, information systems, utility R&D, demand response studies and program development, regulatory development and intervention and wholesale market development.
- Clients: Association of Major Power Consumers in Ontario Cap Gemini
CEA Technologies Hatch Acres
Toronto Hydro Hydro One
City of Saskatoon IFD Corporation
Aquila Networks Canada Wardrop
Electrical Safety Authority (Ontario) Algoma Steel
Independent Electricity System Operator (Ontario) Vale INCO
Ontario Power Authority TXU
Ontario Power Generation

1976 – 2000 Ontario Hydro

2000 **Manager – Sustainment (Lines – Transmission & Distribution)**
Manager – Distribution Development

- 1999** **Mgr – Distribution Network Asset Sustainment Strategies & Standards**
- 1995-1998** **Director- Customer Information Technology**
Managed 1,000,000 customer, 300 person-year CIS and Call Centre projects from business process engineering through to go-live.
- 1993-1995** **Manager - Georgian Bay Hydro**
Restructured Ontario Hydro's distribution system and customer operations in an area of central Ontario serving 100,000 retail customers, with revenue of approximately \$140 million. Operated as a profit centre, reducing OM&A costs by approximately 40% and working capital by a similar amount.
- 1990-1993** **Manager -Materials Management**
Developed and managed a corporate wide effort to improve logistics, reduce inventories and reduce variety across Ontario Hydro Regions Branch.
- 1993** **Manager – Retail Projects**
Program manager for of all new distributing stations, development of a new station design, and planning for Hydro's subtransmission and station network.
- 1988-1990** **Manager - Retail Business Systems**
- 1987** **Manager – Distribution Planning and Design**
- 1984-1986** **Area Manager Positions (Fenelon Falls, Bowmanville, Cobourg)**
- 1981 – 1983** **Lines Superintendent - Central Region**
- 1976-1980** **Progressive Engineering Positions**

Languages: English

Countries of Experience: Canada & United States

References: Upon Request

Contact Information:

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Email: wayne.clark@xplornet.com

Mail:

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