

# Resume of

## David Morton, P. Eng., ICD.D.

### Summary Bio

A Professional Engineer with over 45 years of experience. David combines a strong business, engineering and accounting background, experience in utility regulation and thorough knowledge of energy policy with an in-depth understanding of how a utility commission operates and the issues and challenges it faces. David was a Commissioner with the BCUC for almost 13 years, first appointed in December, 2010, and appointed Chair and CEO in 2015.

In his time at the BC Utilities Commission, David demonstrated excellent leadership and earned the confidence of Commissioners, staff and stakeholders. He has excellent communication skills, both written and oral.

At the BCUC, David participated in numerous decisions on a wide variety of utility applications. In addition, he initiated, and often participated in, a number of Inquiries into key areas of energy policy, including: the regulation of EV charging infrastructure; the regulation of the emerging hydrogen for fuel industry in BC; the definition of Renewable Natural Gas and how it can be delivered; and the jurisdiction of municipalities in the regulation of municipal corporations that own and operate energy infrastructure.

He also presided over Inquires directed by the BC Government, including: An Inquiry Respecting the Regulation of Indigenous Utilities which delivered 36 recommendations to government; and, “+” which analyzed the competitive state of the wholesale gasoline and diesel market in BC, and resulted in government implementing a program to collect data and monitor the market.

David also presided over “An Inquiry Respecting Site C” in 2017, to answer a number of questions posed by government to assist them in determining whether to continue the development of the Site C dam, reservoir and powerhouse. This inquiry was the largest project ever undertaken by the BCUC and was accomplished on time under a very tight timeline of three months.

While his term at the BCUC ended in September 2023, David remains actively engaged in national and international energy and regulatory associations. He is the current Chair of the International Confederation of Energy Regulators and heads up the Economics committee of the Canadian Energy Bar Association. He is the past Chair of the Canadian Association of Utility Commissioners (CAMPUT) and Co-Chair of its International Affairs Committee, and past Vice Chair of the National Association of Regulatory Utilities Commissioners’ (NARUC) Committee on International Relations.



David also regularly participates in speaking engagements and international training opportunities through NARUC, US AID and the International Energy Agency (IEA) to regulators around the world, including Botswana, Macedonia, Zambia, Namibia, Moldova, Sri Lanka, Argentina, Papua New Guinea, Brazil, Kazakhstan, and Bangladesh.

Prior to joining the BCUC, David owned a software development and IT service company, developing leading-edge software, successfully managing the development of mission critical corporate IT systems and numerous projects in a number of business areas for a variety of clients in the private and public sector. He has repeatedly demonstrated leadership experience in technical, business and strategic areas throughout his career.

### **Experience with WECC**

David has significant experience with NERC reliability standards and the compliance and enforcement scheme that WECC is responsible for. As the Chair and CEO of BCUC he oversaw the contractual relationship between BCUC and WECC – which provides for WECC to conduct compliance monitoring, management of the alleged violation process, annual and annual and spot audits. He also served as CAMPUT's representative to the NERC Board of Trustees from 2017 to September 2023, providing input and feedback about reliability issues from the Canadian regulators' perspective.

As a Commissioner, David has participated in numerous proceedings to adjudicate alleged violations, assess penalties and other reliability issues related to the bulk electric system.

### **Experience with Cybersecurity**

David has hands-on experience with NERC's cybersecurity related CIP standards framework, through the work described above. Additionally, David recognized that cybersecurity is a threat that is more pervasive than only the bulk electric system, and that the distribution system and back office has critical vulnerabilities. To address these vulnerabilities, he led the BCUC to establish a two-year pilot program for a Cybersecurity Framework for all BC public utilities.

The program requires public utilities to adopt the BCUC's Cybersecurity Framework, which is based on NIST standards, by implementing a new cybersecurity program or aligning their current program.

In November, 2023, David travelled to Sarajevo to join a discussion about cybersecurity preparedness and reporting with regulators and utilities in Bosnia-Herzegovina. He shared the experiences of BC with both the NERC reliability standards regime and the development of the Cybersecurity Framework.

David also has significant knowledge and experience in IT generally. As shown in his resume, before joining the BCUC his career focused on Information Technology.

### **Experience in Corporate Governance**

David has served on a number of volunteer board, in particular:

#### *The Arts Club Theatre Company*

The Arts Club Theatre company is the largest theatre company in Western Canada, with three stages in Vancouver as well as on tour throughout the province. David served on the board from 2016 through 2020. He also served on the Finance Committee and the committee responsible for replacing the Artistic Director and the Executive Director.)

#### *West Vancouver Community Arts Council*

The West Vancouver Community Arts Council was established in 1968, with a mission to increase and broaden the opportunities for citizens to enjoy and participate in cultural activities. It operates a waterfront venues that serves as both an art gallery and concert space offering classical and jazz performances.

David served as a director from 2010 to 2023 and as the President and chair of the board from 2012 to 2023. He worked closely

#### *ICD.D*

David earned the ICD.D designation in 2013. This designation is granted by the Institute of Corporate Directors after completing the ICD-Rotman Directors Education Program and an examination process conducted by seasoned directors. The ICD.D designation represents a lifelong commitment to excellence in the boardroom, a desire to stay current, and to be a more effective director.

## Chronological Experience

### *British Columbia Utilities Commission*

*Commissioner November 2010 – September 2023; Chair and CEO 2016 – September 2023*

The British Columbia Utilities Commission is responsible for ensuring that customers receive safe and reliable utility services at just and reasonable rates, and that shareholders of these utilities are afforded a reasonable opportunity to earn a fair return on their invested capital. We approve rates utilities charge to customers and the construction of new facilities, such as pipelines, transmission lines and new generation facilities.

David was responsible for the operation of the BCUC, an organization of 10 Commissioners and almost 100 staff and, as a Commissioner, was the decision maker on numerous applications brought by utilities.

### *ITSN Ltd.*

*Owner, President and Senior IT Consultant October 1997 to 2010*

Provided management, education, analysis services and recruitment services to various corporate and government clients. In particular, David managed numerous Information Technology projects for various clients, including: BC Government ministries, Crown Corporations, Local and Regional government and private industry. Projects included strategic planning; feasibility studies; online payment systems, performance, investment and case management systems with project budgets up to multimillions of dollars. He applied proven management techniques to deliver projects on time and on budget.

### *Simon Fraser University*

*Sessional Instructor, January 1994 to 2001*

He developed and presented various undergraduate computer science courses, including Information Systems Management; Information Systems Design; Advanced Database Concepts, Advanced Application Development Tools; and Introduction to Internet Programming with Java.

### *British Columbia Automobile Association (BCAA)*

*System Development Manager June 1995 to September, 1997*

David managed the System Development Department, a group of 25 business and technical analysts and programmers. He had overall management responsibility for development and maintenance of mission critical and other systems, including Intranet, Data Warehouse, Point of Sale, Insurance, Dispatch and, Core Financials. I was responsible for developing architectural strategy and design of system architecture and I participated in development of overall IT strategy. My responsibilities included team building, scheduling and budgeting, technical management, mentoring and supervision of staff.

### *National Research Council, Vancouver, Canada*

*September 1990 – March 1994*

After selling the technology developed by Synaptec to the NRC (please see the entry below), David worked with the NRC for three and a half years to assist with technology transfer. During his time there, he developed distributed

systems for complex simulations of industrial processes; developed a visual simulator for airport apron layout and design, that allowed engineers and designers to evaluate the effects of various layouts on aircraft traffic flow and congestion; designed a system to assist planners to plan production runs for a paper mill; authored and co-authored a number of NRC publications on intelligent distributed systems for scheduling and modeling; and conducted technology transfer seminars for NRC clients.

*Synaptec Software Ltd., Vancouver, Canada*

*Co-founder, Vice President and General Manager from September 1984 – September 1990*

Synaptec Software Ltd. was involved in scientific research and development of graphical user interface technology for the then nascent and exclusively text-based, personal computer, developing technology with the same roots as Microsoft Windows and the Macintosh, both of which were also under development at the time. The software was primarily designed as a tool to assist in the development of visual simulations for research and education.

*September 1980 to September 1984*

*Learning Systems Ltd.*

David provided teaching and tutoring services.

*Standard Industries Ltd. Toronto, Canada*

*September 1977 – September 1979*

Various positions in a company that manufactured construction materials including working in remediation of mining properties (sand and aggregate) and in the concrete division where he conducted feasibility studies of concrete railway ties.

## **EDUCATION AND AFFILIATIONS**

**P. Eng.** Member of the Association of Professional Engineers and Geoscientists of BC (since 1981)

**ICD.D** Institute of Corporate Directors, June, 2013

**Lic Acct (Diploma)** – Certified Management Accountants of Canada 1991

**B.A.Sc.** Mechanical Engineering University of Toronto, 1977