

EDUCATION, PROFESSIONAL REGISTRATION, AND RECOGNITION

2013	FEC	ENGINEERS CANADA Ottawa, ON Fellow Engineers Canada
1991		BANFF SCHOOL OF ADVANCED MANAGEMENT Banff, AB Executive Management Program
1983		UNIVERSITY OF MANITOBA Winnipeg, MB All course work for M.Sc. Power System Engineering Thesis not completed
1973	P. Eng.	ENGINEERS AND GEOSCIENTISTS OF MANITOBA Winnipeg, MB Registered Professional Engineer
1971	B.Sc.	UNIVERSITY OF MANITOBA Winnipeg, MB Electrical Engineering

EXPERIENCE

2006 to 2012 GOVERNMENT OF ALBERTA

Executive Manager
Electricity Infrastructure and Alternative Energy

- Led a team charged with advising the Government of Alberta on strategy and developing and implementing government policy associated with electricity infrastructure and alternative and renewable energy. Ensuring a robust and reliable electricity system was one of the Government's highest priorities as electricity is considered to be a facilitator of economic development for the province.

2001 to 2006

CITY OF WINNIPEG

2003 to 2006

*Deputy Director
Planning Property and Development*

- Senior executive responsible for the overall operation of Winnipeg's Planning, Property, and Development Department that had responsibility for building permits and inspections, zoning, civic real estate, golf courses, and cemeteries.

2001 to 2003

*Director
Winnipeg Hydro*

- Senior executive accountable for the effective and efficient operation of an integrated municipal electric utility including hydraulic generation, power purchase arrangements, transmission, distribution, and customer service. The utility provided electrical service to approximately 90,000 customers in the City of Winnipeg and had 450 employees. The utility generated annual revenues in excess of \$125,000,000 resulting in dividends to the City of approximately \$18,000,000.
- Responsible for the effective transition of all operations and staff when the utility was sold to Manitoba Hydro.

1974 to 2001

MANITOBA HYDRO

1996 to 2001

*Division Manager
High Voltage Direct Current (HVDC) Division*

- General Manager with overall responsibility for the design, procurement of equipment, operation, and maintenance of two HVDC transmission systems (Nominal ratings 1620 MW and 2000MW) that transmitted 80% of Manitoba Hydro's total energy production from the Nelson River in northern Manitoba to the load centre in the Winnipeg area.

1995 to 1996

*Division Manager
Safety and Occupational Health*

- At the request of the Vice-President, Corporate Services, and with a mandate to transform the culture from one of enforcement to one that was customer focussed, temporarily led a Division of expert safety and occupational health staff.
- Implemented a new organization and culture for Safety and Occupational Health.

1991 to 1995 *Division Manager
Customer Service*

- General manager positions responsible for all functions required to serve up to 160,000 Manitoba Hydro customers.
- Led teams of 400 to 500 staff who planned, designed and constructed all facilities operating at 69 kV, operated and maintained all facilities up to 500 kV, and performed all other customer service functions to meet the needs of Manitoba Hydro customers in the Region.

1985 to 1991 *Department Manager
Stations Department*

- Manager of an engineering design department responsible for design of AC transformer stations and procurement of electrical apparatus, acquiring land, obtaining environmental licences, project management, and commissioning for those stations.

1974 to 1985 *Various Supervisory Engineering Positions*

1971 to 1974 **MANITOBA TELEPHONE SYSTEM**
Engineering positions

BOARD DIRECTORSHIP

2008 to 2011 and **WESTERN ELECTRICITY COORDINATING COUNCIL**
2014 to Present Director

NOT FOR PROFIT BOARDS

2004 to 2006 **CITY OF WINNIPEG**
Chair, Golf Services, Separate Operating Agency

2001 to 2006 **ANXIETY DISORDERS ASSOCIATION OF MANITOBA**

1995 to 2001 **MANITOBA SAFETY COUNCIL**
Director and Vice Chair

COMMUNITY SERVICE

2017 to Present **WINNIPEG NEW HORIZONS BAND EXECUTIVE**
Vice President (2018/19) and President (2019/20)

2014 to present **ENGINEERS AND GEOSCIENTISTS OF MANITOBA**
Member of Investigation Committee