GLENN R. GEORGE, MBA, PE, PHD

Partner, Bates White Economic Consulting

AREAS OF EXPERTISE

- **Expert testimony in regulatory proceedings and litigation matters**
- **Regulatory strategy, asset valuation, and transaction support**
- **Technical and financial assessment of energy technologies and projects**
- **Construction disputes (construction cost and delay analysis)**
- **Economic analysis of nuclear power plants and related facilities**

EDUCATION

- **PhD, Public Policy (with a focus on energy economics and regulation), Harvard University**
- **Certificate, Nuclear Engineering, Bettis Reactor Engineering School, US Department of Energy**
- **MBA, with Distinction, Cornell University**
- **BS, Engineering, with Distinction, Cornell University**

SUMMARY OF EXPERIENCE

Dr. Glenn R. George is a seasoned advisor and expert witness in the global power and utilities, nuclear, oil and gas, mining, manufacturing, water, chemical/petrochemical, transport, and related infrastructure sectors. Drawing on his background as an engineer, economist, and business manager, he applies deep expertise in strategy, policy, regulation, technology, finance, and risk assessment to business challenges facing companies, regulators, and investors. His areas of specialization include asset valuation, risk assessment, and regulatory testimony, together with power generation (especially nuclear). His consulting work addresses regulatory strategy, transactions, and new business models, while his litigation support work focuses on complex commercial litigation and international arbitration related to energy facilities, contract disputes, and construction delays and cost overruns.

In prior positions, Dr. George served at US Office of Naval Reactors and US Defense Nuclear Facilities Safety Board, with responsibility for (*inter alia*) nuclear facility planning, cost estimation, and construction. He remains an active member of numerous organizations, including the American Economic Association, American and International Bar Associations, American Nuclear Society, and the American Society of Mechanical Engineers. In 2011 he was awarded the American Nuclear Society Presidential Citation for his response to the Fukushima accident. He is a registered professional engineer (PE) in the District of Columbia.

RELEVANT TESTIMONY

Expert witness (2020-present) on behalf of a sovereign in an ongoing confidential litigation matter pending in the Supreme Court of the United Kingdom. At stake is $10 billion in damages related to construction of a natural gas processing facility in Africa. Trial is scheduled for early 2023.

Expert witness (2020-present) on behalf of claimant in *Elevolution–Engenharia, S.A.* v. *The Islamic Republic of Mauritania*, an international arbitration matter. The case involves a canceled contract to rebuild a highway in Mauritania using seashells as the source of aggregate material. Due to the unavailability of seashells, the claimant requested use of standard aggregate; the respondent denied the request, canceled the contract, and awarded the project to an alternate contractor. The replacement contractor proceeded to complete the

highway using standard aggregate. Dr. George quantified the damages suffered by the claimant as the discounted sum of lost profits from the project, and rejected as economically unfounded the counterclaim damages asserted by respondent. The hearing is scheduled to take place in Paris in early 2022.

Expert witness (2020-present) on behalf of respondent in *Westwater Resources, Inc.* v. *Republic of Turkey*, an ongoing international arbitration matter under ICSID rules. Claimant, a US-based mining company, alleges that, in rescinding seven uranium exploration and operating licenses for the Temrezli, Sefaatli, and Sorgun uranium mining projects, the government of Turkey created a state monopoly over uranium mining activities in the country and caused financial damages to Westwater pursuant to the Turkey-US Bilateral Investment Treaty of 1985. Analysis examined the global market for uranium ore, including supply (from mines through the complex value chain for uranium processing) and demand (primarily from nuclear power plants), together with the facts and circumstances surrounding the specific mining projects in question, including whether the facility could have been financed and completed in light of claimant's weak financial position. Expert report concluded that no damages are owed. Trial is scheduled for 2021.

Expert witness (2019-present) on behalf of defendants in *Eddystone Rail Company, LLC* v. *Bridger Logistics*, et al., an ongoing litigation matter in the US Court for the Eastern District of Pennsylvania. The case involves a contract dispute regarding an oil transloading facility in Eddystone, Pennsylvania. The facility, which was built, owned, and operated by plaintiff, was used as part of defendants' logistics chain, whereby crude oil from North Dakota was ultimately shipped to a refinery on the Delaware River. Plaintiff alleges that, among other wrongful actions, defendants abandoned the business of transporting oil when prices dropped in 2015-2016, effectively stranding plaintiff's USD170 million investment in the transloading facility. Analysis addressed defendants' counterclaim that, but for construction delays and various inadequacies in the design and operation of the transloading facility, significantly more oil could have been shipped to the refinery and additional profits made from use of the facility while oil prices remained favorable. Expert report quantified those counterclaim damages in a series of five counterfactual scenarios, opining that the counterclaims might total as much as USD74 million.

Expert witness (2018-present) on behalf of defense in *Desert Sunlight 250, LLC, and Desert Sunlight 300, LLC* v. *United States*, an ongoing matter in the US Court of Federal Claims (COFC 17-1826C). Plaintiffs seek nearly USD60 million in damages stemming from their reduced payments pursuant to Section 1603 of the American Recovery and Reinvestment Act of 2009, which provided for a cash grant in lieu of tax credit for certain qualified investments in renewable energy property, including solar power projects. Dr. George's expert reports address whether plaintiffs' claimed cost basis (in excess of USD2 billion) properly excludes any intangible, grant-ineligible property and whether the US Treasury should award any additional amounts. Testimony presents an analysis of intangible property included in plaintiffs' claimed basis, including above-market power purchase agreements and a US Department of Energy loan guarantee.

Expert witness (2018-present) on behalf of defense in *Silver State Power South, LLC* v*. United States*, an ongoing matter in the US Court of Federal Claims (COFC 18-266T). Plaintiff seek nearly USD140 million in damages stemming from its reduced payment pursuant to Section 1603 of the American Recovery and Reinvestment Act of 2009, which provided for a cash grant in lieu of tax credit for certain qualified investments in renewable energy property, including solar power projects. Dr. George's expert reports address whether plaintiff's claimed cost basis (nearly USD1 billion) properly excludes any intangible, grant-ineligible property and whether the US Treasury should award any additional amounts. Testimony presents an analysis of intangible property included in plaintiff's claimed basis, including an above-market power purchase agreement and an indemnity provision.

Expert testimony and analytical support (2017-2018) on behalf of Uganda in *Democratic Republic of the Congo* v. *Uganda*, an ongoing matter at the International Court of Justice at The Hague. Developed an exhaustive critique of the damages methodology employed by the DRC.

Expert testimony and analytical support (2016-2017) on behalf of ATK/EnergySolutions in a prominent procurement dispute against the UK Nuclear Decommissioning Authority (NDA) in the Supreme Court of the UK (*ATK* v. *NDA*, UKSC 34). The matter involved a GBP 6.1 billion contract to decommission nuclear facilities in the UK. As lead expert witness, helped develop detailed cost estimates for decommissioning a large number of nuclear sites, foregone fees from the contract, and lost profits from future opportunities in the global decommissioning market, all within a complex but-for analysis. The case settled.

Expert witness on behalf of the US Department of Justice in a confidential matter (2016–2017) involving valuation of a 6 GW portfolio of power generation assets in North America. The matter settled.

Expert witness in a confidential matter (2016) involving valuation of a 4 GW portfolio of power generation assets in North America in connection with a bankruptcy filing.

Expert witness on behalf of applicant before the Regulatory Commission of Alaska (2015–2016). At issue in the rate case was the applicability of the Operating Ratio method of rate regulation.

Expert witness on behalf of defense in *HEAL Utah,* et al. v*. Kane County Water Conservancy District,* et al*.,* in Utah District Court for the 7th District of Utah (No. 120700009). Plaintiffs sought relief, which would have been tantamount to a government expropriation of nuclear power plant development rights associated with a tract of land. The Court rejected the claim *in toto* and accepted the testimony given on behalf of the defendant.

Expert witness on behalf of defense in the matter *DOCA Company, as Successor to Caldon Company Limited Partnership* v*. Advanced Measurement and Analysis Group Inc. and Westinghouse Electric Company, LLC*, in US District Court for the Western District of Pennsylvania (Civil Action No. 04-1951). Addressed the claimed quantum of damages due to alleged Lanham Act violation. The case settled.

Submitted expert testimony on behalf of defense in ARRA *Energy Company I, ARRA Energy Company II, and ARRA Energy Company* v*. United States*, in the US Court of Federal Claims (COFC No. 10-84C). Case involved government funding for certain infrastructure projects. Addressed the claimed quantum of damages due to alleged foregone future sales resulting from an abrupt change in public policy. The case settled.

Expert witness on behalf of defense in *Arbitration under the International Commercial Arbitration Act (Ontario), Between Cameco Bruce Holdings II Inc*., et al., *and British Energy Ltd*., et al. Case involved sale of a nuclear power plant in Canada. Addressed the condition of certain key components and systems at the time of sale; the adequacy of disclosure of those conditions pursuant to the purchase and sale agreement; the appropriateness of the operator's corrective actions; and the potential impact on plant operation, projected life, value, and quantum of damages.

Served as a non-testifying expert in a confidential international arbitration concerning significant schedule delays and cost overruns in construction of the Olkiluoto 3 nuclear power plant in Finland.

Expert witness on behalf of defense in *Consolidated Edison Company of New York, Inc*. v*. United States*, in the US Court of Federal Claims (COFC No. 04-0033C). The case involved one of the largest damage claims against the US government, involving Indian Point power plant. Addressed both liability for and quantum of damages. The court denied the claim *in toto*.

RELEVANT CONSULTING EXPERIENCE

Advised the Government of Dubai on its nuclear power construction program (2018-2019).

Provided lead commercial due diligence support to the US Department of Energy (DOE) Loan Program Office in connection with over USD20 billion in proposed loan guarantees to support four new nuclear power plants a proposed uranium enrichment plant (2009-2017), and a dozen other (non-nuclear) facilities.

On behalf of the UK government (2016), performed a cost-benefit analysis of its nuclear regulatory regime.

Advised a major investor-owned electric utility company in the Midwest on a strategy for new nuclear generation capacity, with an emphasis on the value of the utility's construction/operating license (2014–2015).

Advised Tokyo Electric Power Co. and the government of Japan (METI) in multiple projects on electric power market reform in Japan, to create regulatory mechanisms for recovery of Fukushima accident-related clean-up and nuclear compensation costs, and to determine the contours of competitive electric retailers in the future market and the role of nuclear power in that market (2013–2015).

Assessed Federal Energy Regulatory Commission formula ratemaking processes at a major northeastern utility company and for a regional transmission organization (2013–2014).

Advised the government of Lithuania on the acquisition of new nuclear power plants to replace the Ignalina nuclear station. The analysis addressed the relative cost (both up-front capital and levelized over the lifetime of the generation asset) of nuclear and various competing non-nuclear generation technologies.

Provided strategic advice and analysis to Exelon Corp. regarding its new nuclear power plant projects.

In a series of engagements (2006-2010) with Atomic Energy of Canada, Ltd. (AECL), provided strategic advice to senior management regarding AECL's product line, global sales initiative, US market entry and licensing strategy, refurbishment business, and other matters.

Assisted the Ontario IESO (1999) in its establishment; creation of market rules; and implementation of underlying policies, procedures, and systems to enable Ontario's transition to a competitive wholesale market.

RELEVANT PUBLICATIONS

"Electricity Market Reform in Japan: Bumpy Road Ahead" (with Hans-Martin Ihle and Miura Wataru) *Public Utilities Fortnightly,* 154, no. 8 (August 2016), pp. 18–25.

"Beyond Loan Guarantees: Fostering US Nuclear Investment in a Post-Fukushima World" (with Collin Cain). Conference paper, Center for Research in Regulated Industries, Rutgers University, May 2011.

"Nuclear Development Snapshots" (with Edward Kee). *Energy in East Europe* 177 (2009), pp. 7–9.

"Financing New Nuclear Capacity: Will the 'Nuclear Renaissance' Be a Self-Sustaining Reaction?" *Electricity Journal* 20, no. 3 (2007), pp. 12–20.

"The Naval Reactors Program: From *Nautilus* to the Millennium" (with Lisa Megargle George). *Nuclear News*, October 1998, pp. 26–33.

"Negotiated Safety: Intragovernmental Risk Regulation in the US Nuclear Weapons Complex." PhD dissertation, Harvard University, 1995.

"Naval Nuclear Aspects of Cooperative Denuclearization." In *Cooperative Denuclearization: From Pledges to Deeds*, Graham T. Allison, Ashton B. Carter, Steven E. Miller, and Philip Zelikow, eds. Cambridge, MA: Harvard University, 1993.

STEVEN L. KRAHN, DPA, BCEE

Affiliated Expert, Bates White Economic Consulting

AREAS OF EXPERTISE

- **Nuclear and chemical process systems engineering**
- **Complex construction cost analysis**
- **Safety analysis**
- **Regulatory analysis**

EDUCATION

- **Doctorate, Public Administration, University of Southern California, 2001**
- **MS, Materials Science, University of Virginia, 1994**
- **BS, Metallurgical Engineering, University of Wisconsin, 1978**
- **Certificate (MS Equivalent), Nuclear Engineering, Bettis Reactor Engineering School, US Department of Energy, 1980**
- **Certificate, Management and Leadership, The Sloan School, Massachusetts Institute of Technology, 2009**

SUMMARY OF EXPERIENCE

Dr. Krahn is Professor of the Practice of Nuclear Environmental Engineering in the Department of Civil and Environmental Engineering at Vanderbilt University, where he teaches three courses in high-hazard facility environmental engineering, performs research, and consults to the industry. Immediately prior to joining Vanderbilt, he served in the US Department of Energy as the Deputy Assistant Secretary (DAS) for Safety & Security, where he provided senior technical leadership to DOE's USD 6-7B/year nuclear waste processing/management, and environmental restoration program and was the senior executive responsible for approving nuclear safety bases for high-hazard facilities. He is an internationally recognized expert in the construction and engineering associated with nuclear facilities and, together with Dr. George, was retained as an expert witness before the UK High Court in *ATK* v. *NDA*, the largest nuclear construction case in UK history.

Dr. Krahn has more than 40 years of nuclear safety, systems engineering, and regulatory/regulatory analysis/interface experience, along with leadership in technical and project management, in positions of increasing responsibility in government, private industry and the military. Some of his work highlights include:

For five years led the federal organization responsible for independent nuclear safety and worker safety oversight/regulation of the US nuclear weapons complex.

Provided technical and regulatory consulting to a major, industry-led revamping of the regulatory process for advanced nuclear technologies—including several briefings to the NRC Staff and a briefing to the NRC Advisory Committee on Reactor Safeguards ("ACRS").

Elected to the ASME Plant Standards Committee on Plant Systems Design, Subcommittee on Risk-Informed Design of Hazardous Facilities—focusing on incorporating risk insights into facility design

Served as Deputy Technical Director of an independent nuclear safety oversight and systems engineering technical review of the major US environmental restoration and nuclear weapons complex facilities.

Led applied research programs that provided risk assessment and regulatory analysis/risk communication insights regarding the potential use of MOX fuel for a large southeastern US electrical utility.

Technical direction and leadership for a major DOE engineering and research program in waste processing and process chemistry.

Direction and management of a USD25 million division in an engineering services company, which provided nuclear/ES&H regulatory analysis and high hazard systems engineering consulting to the commercial power industry, NASA, and the DOE.

Technical and regulatory review of numerous, complex engineering and systems issues at nuclear reactors and processing facilities, radioactive waste processing plants, and environmental restoration projects.

His technical project management highlights include:

Participation in the independent technical, project management and cost review of a major new radioactive waste process system design for the USD16B+ Waste Treatment Plant at the Hanford Site

Developing the methodology and participating in the independent project management review of the completion schedule for the 4 billion (FY 2000 USD), 8-year Rocky Flats Environmental Restoration Project

Technical direction of the USD30 million/year R&D program for a DOE program office focused on nuclear and chemical waste processing/management; and

Leadership and management of the 140 (FY 1986 USD) million complex overhaul of a nuclear fast attack submarine and the nuclear work packages of two fast attack submarines.

RELEVANT PUBLICATIONS

"Understanding and Effectively Managing Conservatisms in Safety Analysis of Non-Reactor Nuclear Facilities," with M. Modarres and J. O'Brien. *Nuclear Technology*, vol. 206, no. 11 (November 2020).

"Comparing the Environmental Impacts of Uranium- and Thorium-Based Fuel Cycles with Different Recycle Options" (with T. Ault and A. Croff). *Progress in Nuclear Energy*, vol. 100 (May 2017): 114-134.

"The Reemergence of the Thorium Fuel Cycle: A Special Issue of Nuclear Technology," with A. Worrall, *Nuclear Technology*, vol. 194, no. 2 (May 2016): iii-iv.

"A Preliminary Analysis of Key Issues in Chemical Industry Accident Reports" (with L. Fyffe, J. Clarke, D. Kosson, and J. Hutton). *Safety Science*, vol. 82 (February 2016): 368-73.

"Radiological Impacts and Regulation of Rare Earth Elements in Non-Nuclear Energy Production" (with T. Ault and A. Croff). *Energies*, vol. 8 (March 2015): 2066-081.

"Assessment of the Potential of By-Product Recovery of Thorium to Satisfy Demands of a Future Thorium Fuel Cycle" (with T. Ault and A. Croff). *J. Nuclear Technology*, vol. 189, no. 2 (February 2015): 152–62.

"Estimating Worker Collective Doses from a Revised Approach to Managing Commercial Nuclear Fuel" (with B. Burkhardt, A. Croff, and A. Sowder). *Radwaste Solutions*, vol. 22, no. 1 (January/June 2015).

"Evaluating the Radiological Risk to Workers from the US Once-Through Nuclear Fuel Cycle" (with A. Croff, B. Smith, J. Clarke, A. Sowder, and A. Machiels). *J. Nuclear Technology*, vol. 185, no. 2 (February 2014): 192-207.

"System of Systems Engineering—Past Emerging to Evolving?" invited article and special edition editor, *Int. J. System of Systems Engineering*, vol. 3, nos. 1&2 (2012): 12.

CURRICULUM VITAE OF LUBNA LADAK

RESPONSIBILITIES:

As Vice-President Corporate Business Development & Financial Strategy, Ms. Ladak's responsibilities include:

- Development of financial and commercial strategies to expand and diversify OPG's generation portfolio.
- Evaluating business cases for growth projects.
- Highlighting risk factors and providing recommendations for achieving target returns in OPG's businesses and projects.

EDUCATION:

University of Toronto - Bachelor of Arts, Major in Commerce
University of Toronto Rotman School of Management – Master of Business Administration

EXPERIENCE:

1999 - Present Ontario Power Generation Inc.
2019 - Present Vice-President, Corporate Business Development & Financial Strategy
2017 - 2018 Vice-President, Treasury
2015 - 2017 Vice-President & Controller, Renewable Generation
2010 - 2015 Director, Finance & Business Transformation
2005 - 2009 Director, Regulatory Finance
2000 - 2005 Controller, Hydroelectric and Fossil Business Unit

1995 - 1999 Ontario Hydro
1997 - 1999 Manager, Business Planning & Reporting
1995 - 1997 Manager, Internal Audit

1990 - 1995 Ernst & Young
1994 - 1995 Manager, Assurance
1990 - 1993 Auditor

MEMBERSHIPS:

Institute of Chartered Accountants of Ontario - Chartered Professional Accountant (CPA-CA)

CURRICULUM VITAE OF BRENDA MACDONALD

RESPONSIBILITIES:

As Vice President, Regulatory Affairs, Ms. MacDonald's responsibilities include:

- Development and execution of OPG's regulatory strategies and policies.
- Lead interactions with economic regulators, market operators and reliability organizations, including the Ontario Energy Board, the Independent Electricity Market Operator, the National Energy Board and the U.S. Energy Regulatory Commission.
- Oversee the company's reliability and market compliance programs and preparation and management of OPG's applications to economic regulators.

EDUCATION:

St. Francis Xavier University, Bachelor of Arts (Honours)
Queen's University, Masters of Political Science
Queen's University, Bachelor of Laws

EXPERIENCE:

2013 - Present Ontario Power Generation Inc.
2017 - Present Ontario Power Generation, VP Regulatory Affairs
2013 - 2017 Ontario Power Generation, VP and General Counsel

1998 - 2013 Bell Canada Enterprises
2004 - 2013 Bell Canada Enterprises, Assistant General Counsel
1998 - 2004 Bell Canada Enterprises, Senior Legal Counsel

1995 - 1998 Abitibi Consolidated
1995 - 1998 Abitibi Consolidated, Counsel

MEMBERSHIPS:

Law Society of Ontario

CURRICULUM VITAE OF

DIETMAR REINER
SENIOR VICE PRESIDENT, STRATEGIC PROJECT & CONTRACT EXECUTION

RESPONSIBILITIES:

As Senior Vice President, Strategic Project & Contract Execution, Mr. Reiner's responsibilities include:

- Oversight and support of project management, project controls, contract management and construction services for major strategic projects across OPG's various lines of business, including:
  - the ongoing refurbishment of the Darlington Nuclear Station;
  - planning and construction of a Small Modular Reactor; and
  - development of a project plan for the Pickering Decommissioning project.
- Specialized strategic support, education, mentorship, and training to the President and CEO, Chief Enterprise Strategy Officer and ELT on major contracts related to OPG Projects.
- Liaise with regulatory agencies, boards and other stakeholders to support successful execution of projects.

EDUCATION:

Bachelor of Applied Science Degree, Honours Electrical Engineering
University of Waterloo, Waterloo, ON

EXPERIENCE:

1999 to Present	Ontario Power Generation
2021 - Present	Senior Vice President Strategic Project & Contract Execution
2020 - 2021	Senior Vice President, Refurbishment Transition
2018 - 2020	Senior Vice President, Enterprise Projects & Chief Projects Officer
2014 - 2018	Senior Vice President, Nuclear Projects
2010 - 2014	Senior Vice President, Nuclear Refurbishment
2008 - 2010	Senior Vice President, Inspection, Maintenance & Commercial Services
2000 - 2008	Chief Information Officer
1999 - 2000	Vice President, Commercial Systems
1998 - 1999	Director, Generation Resource Management
1985 to 1998	Ontario Hydro
1997 - 1998	Manager, Production Planning
1995 - 1997	Section Head, Hydroelectric Business Unit
1985 - 1995	Engineer, Power Systems Operations and Nuclear Operations

1986 to 1986	Elder Engineering Inc. Consulting Engineer
1979 to 1980	Ontario Hydro Nuclear Operator Training Program

MEMBERSHIPS:

Professional Engineers Ontario

CURRICULUM VITAE OF GARY ROSE

VICE PRESIDENT PLANNING, ENTERPRISE PROJECTS ORGANIZATION

RESPONSIBILITIES:

As Vice President Planning, Enterprise Projects Organization, Mr. Rose's responsibilities include:

- Accountability for planning and oversight of pre-requisite activities related to the planned refurbishment of Darlington's Unit 1 and 4.
- Oversight of execution activities on Darlington Refurbishment Unit 3.
- Darlington New Nuclear Project Small Modular Reactor initiation phase project planning.

EDUCATION:

- Ryerson Polytechnic University - Bachelor of Commerce (Accounting)
- Chartered Professional Accountants of Canada (CPA/CGA)
- Durham College - Masters Certificate in Project Management
- Project Management Institute - Project Management Professional (PMP) Designation
- Institute of Corporate Directors – Director Education Program (In-Progress)

EXPERIENCE:

1999 to Present	Ontario Power Generation
2020 to Present	Vice President Planning – Enterprise Project Organization
2018 to 2020	Deputy Site Vice President – Darlington Refurbishment – Unit 2
2015 to 2018	VP, Planning and Project Controls – Nuclear Refurbishment
2008 to 2015	Director Planning and Controls – Nuclear Refurbishment
2005 to 2007	Manager, Finance Process & Support – Nuclear Finance/Projects
2004 to 2005	Manager, Finance Process & Support – Pickering A Return to Service
1999 to 2004	Manager, Corporate Accounts Payable and Special Projects
2019 to Present	Durham College Board of Governors – Vice Chair of the Board (2021)
1988 to 1999	Ontario Hydro
1997 to 1999	Manager, Fixed Assets & Accounts Receivable – Corporate Accounting
1988 to 1997	Various progressive roles – Financial Analyst, Senior Financial Analyst

MEMBERSHIPS:

- Chartered Professional Accountants of Canada
- Project Management Institute
- Institute of Corporate Directors
- Association for the Advancement of Cost Engineering

CURRICULUM VITAE OF PETER SIMPSON

SENIOR DIRECTOR, BALANCE OF PLANT PROJECTS

RESPONSIBILITIES:

As Senior Director Balance of Plant, Shutdown Layup, Steam Generators and Special Projects, Mr. Simpson's responsibilities include:

- Overall management responsibility of over 80 projects spanning Units 3,1 & 4 of Darlington Refurbishment equating to a budget of over $750 million.
- Oversite of over 2.1 million manhours of scope and the commercial relationships with multiple vender groups.

EDUCATION:

- British Columbia Institute of Technology-Operations Management Technology, Project Management
- British Columbia Institute of Technology- Civil and Structural Engineering Technology, Construction Management

EXPERIENCE:

2017 to Present	Ontario Power Generation
2015 to 2017	KPMG Director, Global Infrastructure Advisory Practice
2000 to 2015	Kiewit
2013 to 2015	Head of Commercial Group, Integrated Construction Solutions
2011 to 2013	Aboriginal Affairs Director
2010 to 2011	Estimate Sponsor/ Contract Administrator
2009 to 2010	Project Controller
2009 to 2009	Project Engineering
2007 to 2008	Area Engineering, Canadian Resources
2006 to 2007	Project Engineering
2004 to 2005	Contract Administrator
2002 to 2003	Cost Engineering Manager
2000 to 2002	Cost Engineering Technician

MEMBERSHIPS:

Project Management Institute (IN)
Association for the Advancement of Cost Engineering (IN)