	Title: Resumes – EXCEL Support (Arkansas)		Page: 1 of 9
	Document Number:	Designation: Available for Public Use	Revision: 1



NUCLEON RESUMES


Submission Date: December 16, 2025

ABSTRACT

Resumes of individuals who will support EXCEL Services Corporations work in support of the Arkansas Joint Committee

Nucleon Energy Inc.

Available for Public Use

	Title: Resumes – EXCEL Support (Arkansas)		Page: 2 of 9
	Document Number:	Designation: Available for Public Use	Revision: 1

Will Bridge, B.Eng., ICD.D

wbridge@nucleon-energy.com • (403) - • www.nucleon-energy.com

HIGHLIGHTS OF QUALIFICATIONS


A senior executive and corporate director with a 30-year track record of growth execution, strategy development, and delivery of operational results in un-regulated power markets across multiple countries and jurisdictions. Extensive leadership experience as the former CTO & Executive Vice President of Canada's largest investor-owned utility and Board Chair of the Alberta Electric System Operator (ISO).

PROFESSIONAL EXPERIENCE

- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Nucleon Energy Inc., Calgary/Alberta | 2022 - Present |
| <i>Co-Founder & CTO</i> | |
| <ul style="list-style-type: none"> Founded in 2022, Nucleon Energy is building a Nuclear Power development and operational service company. | |
| Fusion Energy Council of Canada / Conseil du Canada | 2020 – Present |
| <i>Board Director</i> | |
| <ul style="list-style-type: none"> The Fusion Energy Council of Canada has the mandate to secure public and private support for the commercialization of Fusion technologies in alignment with the work of other G7 countries. | |
| Alberta Electric System Operator (ISO), Calgary/Alberta | 2017 - 2020 |
| <i>Board Chair</i> | |
| <ul style="list-style-type: none"> The Alberta Electric System Operator is a corporation formed under the Alberta Electric Utility Act that manages and operates the physical power system, the traded power market in Alberta, and performs the transmission planning for the Province of Alberta. | |
| ATCO Power Ltd., Calgary/Alberta | 2012 – 2017 |
| <i>Global VP, Electricity Business Unit</i> | |
| <ul style="list-style-type: none"> Accountable for the company's growth in both regulated and un-regulated transmission, distribution, and generation assets across Canada and the United Kingdom. Responsible for new market entry into Mexico and Chile for the company's unregulated power generation and regulated businesses | |
| TransAlta Corporation, Calgary/Alberta | 1996 – 2017 |
| <i>CTO & Executive Vice-President Growth</i> | |
| <ul style="list-style-type: none"> Executive leadership roles including the company's growth program across Canadian, U.S., and Australian markets; engineering & maintenance; power plant construction; and plant operations. | |

MAJOR PROJECTS

- | | |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Tent Mountain Pumped Hydro Project, Alberta, Canada | 2020 - 2023 |
| <ul style="list-style-type: none"> Advisor and executive lead of a 320MW brownfield development of a coal mine; | |
| PEMEX Tula Refinery Cogeneration, Tula, Mexico | 2015 - 2017 |
| <ul style="list-style-type: none"> Greenfield Development of a 300MW cogeneration plant with Pemex | |
| Heartland Gas-Fired CCGT Power Plant, Alberta, Canada | 2014 - 2016 |
| <ul style="list-style-type: none"> Greenfield Development of a 2x1 700MW CCGT | |

	Title: Resumes – EXCEL Support (Arkansas)		Page: 3 of 9
	Document Number:	Designation: Available for Public Use	Revision: 1

Barking Power Station, London, England **2015 - 2017**

- Brownfield Development / Decommissioning - 1000MW gas-fired station

Atacama Desert Pumped Hydro, Antofagasta, Chile **2016- 2017**

- Greenfield Development of 200MW pumped storage project

Wabamum coal-fired power plant, Alberta, Canada **2006 - 2009**

- Decommissioning and demolition - 3-unit coal facility

Kent Hills Wind Farm, New Brunswick, Canada **2007 - 2008**

- Construction of a 160MW wind farm

Keephills 3 coal-fired power plant, Alberta Canada **2008 - 2011**

- Construction of a 466MW coal facility - last coal-fired plant in Canada

2000 - 2001

Centralia Coal Plant Acquisition, Washington, U.S.

- Acquisition of 1340MW coal-fired facility from a 7-owner consortium

2000 - 2001

CalEnergy Resources Ltd. (Geothermal), California, U.S.

- Acquired 50% of CalEnergy from El Paso Energy
- Berkshire Hathaway / MidAmerican partnership formed

EDUCATION AND PROFESSIONAL DEVELOPMENT

Institute of Corporate Directors **2018**

- Director Education Program, ICD.D Designation

2002

Ivey School of Business, London, Ontario

- Financial Analysis

1993

University of Victoria

- BSc. Electrical Engineering



Ryan Tourigny, B.Eng., MBA

rtourigny@nucleon-energy.com • (403) - • www.nucleon-energy.com

HIGHLIGHTS OF QUALIFICATIONS

Dynamic leader in energy development with extensive experience across renewable energy, clean technology, and power trading sectors. Co-founder and executive of multiple companies, with expertise in corporate fundraising, government relations, Indigenous partnerships, and market development. Proven track record in managing large-scale energy projects valued at over \$1 billion, leading complex contract negotiations, and developing innovative financial structures for renewable and conventional energy assets. Skilled in building and scaling organizations, fostering strategic partnerships, and navigating regulatory environments to deliver impactful, sustainable energy solutions.

PROFESSIONAL EXPERIENCE

Nucleon Energy Inc., Calgary/Alberta

2022 - Present

Co-Founder & Chief Development Officer

- Founded in 2022, Nucleon Energy is building a Nuclear Power development and operational service company.

Clean Communities Corp., Calgary/Alberta

2020 - Present

President

- The company supports Indigenous led cleantech developments and deployments while interfacing with State and Federal governments as well as leading technology organizations.

Comflo Inc., Calgary/Alberta

2017 - 2021

Co-Founder & CFO

- Comflo Inc. is a technology company focused on power trading and development. Led corporate fundraising and supported the company's product development and customer growth worldwide.

Tridera Trading Inc., Calgary/Alberta

2019 - 2021

Co-Founder & CFO

- Led the company's corporate financing and investments activities and supported the operation's regional executive team. Led the risk management program for the company including oversight of the risk committee reviews and approvals process.

Canadian Solar Inc. (CSIQ), Ontario/Canada

2016 - 2021

Head of Development, Canada

- The company is a solar manufacturing company listed on the NASDAQ. Led market development and government outreach efforts; oversaw Canadian asset acquisitions, developments, and divestitures; and identified and led local and Indigenous partnerships and joint ventures

Development Advisors Ltd., Calgary/Alberta

2013 - Present

Principal


- Power development company with a focus on leading pre-construction planning, development and construction contracting support for natural gas-fired, wind, solar, and battery energy storage projects; identified and secured new financing sources; and providing transaction structuring for power projects

Greengate Power Corp., Calgary/Alberta

2008 - 2013

Vice-President, Development

- Led development, engineering and pre-construction planning for large infrastructure projects worth ~\$1 billion, including the 300 MW Black Spring Ridge Wind Project
- Developed specialized financial structures for renewable assets and facilitated buyer due diligence for all asset divestitures, including sales to Enbridge, Capital Power, and EDF

	Title: Resumes – EXCEL Support (Arkansas)		Page: 5 of 9
	Document Number:	Designation: Available for Public Use	Revision: 1

- Led the negotiation of construction and equipment supply contracts worth more than \$300 million and participated in largest ever cross-border REC transaction between Canada and California

EDUCATION AND PROFESSIONAL DEVELOPMENT

University of Phoenix, Phoenix/Arizona


2008

- Master of Business Administration, Finance

University of Saskatchewan, Saskatchewan/Canada

2003

- B.Eng., Electrical Engineering

	Title: Resumes – EXCEL Support (Arkansas)		Page: 6 of 9
	Document Number:	Designation: Available for Public Use	Revision: 1

Pablo Argeñal, P.Eng.

pargenal@nucleon-energy.com • (403) - • www.nucleon-energy.com

HIGHLIGHTS OF QUALIFICATIONS

Pablo Argeñal is an electrical engineer with over 34 years of experience specializing in energy projects and grid access. He has a strong track record in project development in both Canada and Latin America, focusing on renewable energy initiatives and large-scale gas-fired projects with carbon capture and storage (CCS). Pablo's expertise includes interconnection analysis, transmission and distribution expansion, and regulatory compliance. He has led efforts in integrating large energy projects into existing infrastructure while managing stakeholder relationships. As a consultant and project developer, he has prepared long-term expansion plans and contributed to regulatory processes, including Alberta's Congestion Management and Ancillary Services hearings. Pablo is skilled in risk assessment, capacity planning, and optimizing project siting and system access.

PROFESSIONAL EXPERIENCE

Nucleon Energy Inc., Calgary/Alberta

2022 - Present

Co-Founder, SVP Infrastructure

- Founded in 2022, Nucleon Energy is building a Nuclear Power development and operational service company.

Independent Developer, Calgary/Alberta

2006 - Present

Co-founder, Independent Project Developer

- Identified project sites, associated interconnection needs and regulatory compliance to advance project initiatives.
- Collaborated with stakeholders to navigate regulatory frameworks, securing project approvals and de-risking development processes.
- Delivered scenario-based capacity studies and technical support for energy storage integration.

Vice President, Transmission & Regulatory, Calgary/Alberta

2008 to 2013

Co-founder, Greengate Power Corporation

- Led project site scouting, project development and transmission access and grid compliance efforts for Alberta's largest renewable energy projects.
- Designed reactive power solutions and transmission strategies, coordinating with AESO to streamline interconnection approvals.

Managing Director, Calgary/Alberta

1998 - Present

Co-Founder, NICAN International Consulting Ltd.


- Managed project specific consulting services for power system analysis / planning, delivering solutions for transmission constraints and optimization; conducted grid impact studies, focusing on renewable integration and compliance with AESO interconnection guidelines; and directed interconnection and transmission planning for renewable projects, ranging from 2 MW to 750 MW, ensuring grid compliance and operational efficiency.

Interconnection Team Leader, Calgary/Alberta

1999 to 2001

ESBI Alberta Ltd. (AESO Predecessor)

- Oversaw and conducted technical studies for system access and interconnection, addressing thermal constraints and voltage stability.
- Provided strategic recommendations for transmission system upgrades and expansion projects.

	Title: Resumes – EXCEL Support (Arkansas)		Page: 7 of 9
	Document Number:	Designation: Available for Public Use	Revision: 1

Specialist Engineer – Planning, Calgary/Alberta

1990 to 1998

ENMAX Power Corporation

- Delivered detailed transmission and distribution system planning studies to improve reliability and mitigate operational risks. Led feasibility studies and technical assessments for large-scale utility projects.

MAJOR PROJECTS

System Access Impact Studies and Interconnections

- Evaluated and managed the interconnection of load and generation clients to Alberta's transmission system. Delivered capacity studies, transient stability analyses, and interconnection risk assessments for projects ranging from 2 MW to 750 MW.

Large-Scale Renewable Projects

- Blackspring Ridge Wind Farm (300 MW)
- Halkirk Wind Farm (150 MW)

Marginal Loss Factor Methodology Development

- Co-authored and implemented Alberta's Marginal Loss Factor methodology, enabling economic impact assessments for generator projects and guiding client decisions on project timelines.

Transmission System Expansion Planning

- Prepared long-term expansion strategies and capital budget estimates, successfully deferring multimillion-dollar investments and optimizing grid utilization in Calgary and surrounding areas.

International Projects

- CT Tarapoa Power Project (Ecuador): Designed swamp-compatible 34.5 kV distribution lines and managed local contractor selection.
- Geographic Information System (Nicaragua): Collaborated with local firms on a World Bank-funded GIS project proposal, enhancing utility planning capabilities.

EDUCATION AND PROFESSIONAL DEVELOPMENT

University of Calgary


1992 - 1996

- Graduate Studies, Electrical Engineering (Incomplete)

University of Manitoba

1990

- Bachelor of Science, Electrical Engineering

	Title: Resumes – EXCEL Support (Arkansas)		Page: 8 of 9
	Document Number:	Designation: Available for Public Use	Revision: 1

Scott Clark, BA (Econ)

sclark@nucleon-energy.com • (403) - • www.nucleon-energy.com

Highlights of qualifications


An experienced Land Acquisitions and Project Management Professional, Scott has extensive experience in developing and leading highly skilled and dynamic teams. He is an accomplished Real Estate Professional leveraging strong interpersonal skills, innovation, and teamwork to achieve objectives. An entrepreneurial Property Manager who acquires, leases, and manages properties to maximize revenue and tenant retention, Scott defines and implements shared visions which encourage local spend and use of domestic supply chains and increased stakeholder support for projects.

Professional experience

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Nucleon Energy Inc. Calgary, AB
<i>Consultant</i> | 2024 – Present |
| <ul style="list-style-type: none"> Land Acquisitions and Stakeholder Relations | |
| Clean Communities Corp. Calgary, AB
<i>V.P Corporate Development</i> | 2023 – Present |
| <ul style="list-style-type: none"> Identify opportunities for development of housing projects and Stakeholder Relations | |
| ION Charge Corp. Calgary, AB
<i>V.P. Corporate Development</i> | 2020 – 2024 |
| <ul style="list-style-type: none"> Recruited key personnel to further corporate growth Conducted investor outreach and developed partnerships with service and equipment providers Supported Land Acquisition and site permitting Led Public and Government relations | |
| Wayfinder Silica Mines Calgary, AB
<i>Consultant</i> | 2016 – 2020 |
| <ul style="list-style-type: none"> Land Acquisition, Permitting and Stakeholder Relations | |
| TransCanada Pipelines Limited Calgary, AB
<i>Land Manager, Capital Projects</i> | 2011 – 2016 |
| <ul style="list-style-type: none"> Managed all aspects of a Land Acquisition and Divestiture department for a multi-billion dollar project development portfolio across Canada, recruiting and leading an interdisciplinary team of up to 50 Land professionals Lead Negotiator on all high-profile or problematic Capital and Operations projects Stakeholder Relations representative at the local, provincial, and federal levels across Canada, managing business relationships with partners | |

Major Projects

- | | |
|--------------------------------------------------------------------------------------------------|--------------------|
| Ion Highway Corridor Charging Stations | 2020 – 2023 |
| <ul style="list-style-type: none"> Acquired sites throughout North America | |
| Wayfinder Silica Sand Mine | 2016 – 2019 |
| <ul style="list-style-type: none"> Acquired and permitted an open pit silica mine | |

	Title: Resumes – EXCEL Support (Arkansas)		Page: 9 of 9
	Document Number:	Designation: Available for Public Use	Revision: 1

Major Projects cont.

Coastal Gas Link	2012 – 2016
<ul style="list-style-type: none"> Acquired and permitted rights-of-way (ROWs) 	
Grand Rapids Pipeline	2012 – 2016
<ul style="list-style-type: none"> Selected routing, acquired, permitted and defended ROW at Alberta Energy Regulator (AER) hearing 	
Energy East Pipeline	2011 – 2013
<ul style="list-style-type: none"> Selected routing and negotiated terminal sites across Canada 	
Fort Hills Pipeline	2013 – 2016
<ul style="list-style-type: none"> Acquired and permitted rights-of-way (ROWs) 	
Horseshoe Canyon CBM	2005 – 2008
<ul style="list-style-type: none"> Acquired and permitted rights-of-way (ROWs) 	

Education and Professional Development

University of Alberta

- BA Economics

Calgary Real Estate Board

- Realtor

Canadian Real Estate Association (CREA)

- Real Estate Evaluation
- Applied Mediation and Negotiation

TransCanada Pipelines Limited

- Leadership Development

Project Management Institute

- Successfully completed Project Management Professional course

EnCana Corporation

- Program Management