Nuclear energy is at forefront of the global energy transition and is emerging as an integral solution to meeting rapid energy demand growth, energy security concerns, price volatility in power and gas and the drive to achieve net-zero targets.

At BLG, our multidisciplinary team of expert energy lawyers support clients across the Canadian legal landscape in navigating nuclear energy and energy transition matters. Our experienced team offers unparalleled insight into energy transactions, regulation, and the critical role of nuclear power in a low-carbon future.

We are recognized for our expertise in transactional and regulatory energy law and have significant experience in nuclear law, advising a range of nuclear technology service providers and acting for developers on pioneering projects relating to nuclear liability acts and regulatory processes.

At BLG, our deep sector knowledge and up-to-date insight into the nuclear industry equip us to provide you with timely, relevant, and strategic legal advice, tailored to this rapidly evolving landscape.

Nuclear Expertise:

Transactions

Our firm is trusted by clients ranging from developers, utilities, sponsors, governmental bodies, project financiers and technology providers in the nuclear industry. We use our extensive experience in development, financing, construction, refurbishment and life extension of nuclear projects to meet our client's objectives.

Regulatory

We are experts in the *Nuclear Liability and Compensation Act*, its predecessor the *Nuclear Liability Act* and the *Nuclear Safety and Control Act* and other key pieces of legislation in the nuclear sector, including the *Nuclear Fuel Waste* and the *Impact Assessment Act and Canadian Environmental Protection Act*. Our team offers significant experience regarding the Canadian Nuclear Safety Commission regulatory processes for various nuclear technologies, including small modular reactors (SMRs) as well as the regulatory regimes across Canada that apply to rate regulated electricity generators, including the Ontario Energy Board.

ESG

We assist energy and power clients decipher and navigate ESG factors including reporting frameworks, responsible waste disposal, environmental compliance, workplace safety, employment and labour relations and corporate governance.

Indigenous Matters

Nuclear developments require trusted legal advisors who are respectful of and thoroughly versed in issues relating to First Nation, Inuit and Métis governments, nations and organizations in Canada. Our dedicated Indigenous law practice assists clients in the energy and power industry navigating complex legal questions in Indigenous law and building relationships with Indigenous peoples.

Experience

- Acted for Candu Energy Inc. as a member of a consortium to design and construct a BWRX-300 (300 MWe water-cooled, natural circulation small modular reactor) at Ontario Power Generation's Darlington Site.
- Acting for Atomic Energy of Canada Limited (AECL) and Canadian Nuclear Laboratories (CNL) on their initiative to host one or more “first of a kind” small modular reactor demonstration projects on one or more sites owned by AECL (including Chalk River Laboratories and Whiteshell Laboratories) as well as additional matters relating to Chalk River Laboratories.
- Underwriter's counsel on a US$747.6 million bought deal offering of common shares by Cameco Corporation.

Related Expertise

Energy – Power

Energy – Power Regulatory

Environmental

Climate Change

Indigenous Law

Mergers & Acquisitions

BLG can also help you with

District Energy

Energy – Power Regulatory

Indigenous Power

Renewable Energy

Key Contacts

John A.D. Vellone
PARTNER AND NATIONAL CO-LEADER, ENERGY AND POWER GROUP

Toronto
JVellone@blg.com
416.367.6730

Rob Blackstein
PARTNER

Toronto
RBlackstein@blg.com
416.367.6024

Bill Woodhead
PARTNER

Calgary
BWoodhead@blg.com
403.232.9765

Fred Pletcher
PARTNER

Vancouver
FPletcher@blg.com
604.640.4245