

TALENT. EXPERIENCE. GAME-CHANGING VISION.



BRINGING ENERGY TO THE ENGINEERING WORLD.

When it comes to optimizing power potential responsibly, Tetra Tech has remained on top of the game in Canada for more than five decades. We are driven by large-scale projects that enhance quality of life while creating value for all stakeholders. But there's more. Focusing on long-term partnerships, we continually fine-tune engineering solutions resulting in clean, readily available power for generations to come, in line with business priorities and social values.

From energy production (hydropower, wind, solar, nuclear or thermal) to electric power transmission and distribution, Tetra Tech is the ideal partner to build on Canada's full potential.

LEADING THE WAY—EXPERTLY, DILIGENTLY, WITH ENERGY.

With more than 60 offices strategically located across Canada, Tetra Tech is a leading provider of power engineering and renewable energy services in Canada. Complex challenges require clear solutions for the communities we serve and the generations to come. To meet these challenges, we employ more than 3,500 driven professionals, designers, managers and construction managers who collaborate daily to develop and implement cutting-edge solutions. Together, in close and lasting client relationships, we have the power to build a better tomorrow... today.

A PROVEN TRACK RECORD IN ENERGY SOLUTIONS.

TRANSMISSION, DISTRIBUTION AND RENEWABLES

- Feasibility studies
- System planning
- Generation connection
- Multidisciplinary concept, preliminary and detailed design
- Insulation coordination
- Protection and control systems
- Electrical arrangements
- AC/DC designs
- Transmission lines and cables
- Lightning protection
- Distribution network
- Civil/structural - roads, foundations
- Mechanical - HVAC, fire protection
- 2D and 3D CADD
- Asset management

HYDROPOWER AND DAMS

- Engineering studies
- Feasibility studies
- Numeric and physical model studies
- Surveying including hydrographic surveys
- Multidisciplinary concept, preliminary and detailed design
- Geotechnical, geological and seismic studies and designs
- Studies, planning and permitting
- Productivity analysis
- Site optimization
- 3D CADD and modelling
- Specialized system studies
- Field services
- Construction field staking
- Asset management
- Condition assessments
- Investigation and resolution of operations and maintenance issues
- Rehabilitation, replacement and upgrade of plant and substation facilities

NUCLEAR

- Nuclear security systems
- Combined construction and operating licence applications
- Fuel conversion/enrichment
- Multidisciplinary concept, preliminary and detailed design
- Conceptual studies, design requirements and detailed engineering
- Equipment specifications
- Static and dynamic analysis (thermal, mechanical, structural)
- Nuclear safety and control
- Emergency power systems
- Plant programs (security, fire protection and environmental qualification)
- Waste management processing and treatment
- Hot cells and facilities

LARGE PROJECTS AND CONSTRUCTION MANAGEMENT

- EPC and EPCM project execution
- Project management
- Construction management
- Contract management
- Cost estimation and cost control
- Procurement
- Land owner relationship management
- Site supervision
- Commissioning
- Startup
- Health and safety planning and training
- Quality assurance

INFORMATION AND COMMUNICATIONS TECHNOLOGY

- Local networks
- Telephone systems
- Telecommunications room layout
- Metropolitan networks
- Wireless networks
- Call centres
- Smart buildings



INTEGRATED SOLUTIONS.

Serving Canada responsively, responsibly and resourcefully, the Energy team at Tetra Tech in Canada provides comprehensive multidisciplinary engineering and construction solutions that efficiently bring energy projects to market **from coast to coast to coast.**

More than 14,000 associates in more than 330 offices around the world.



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