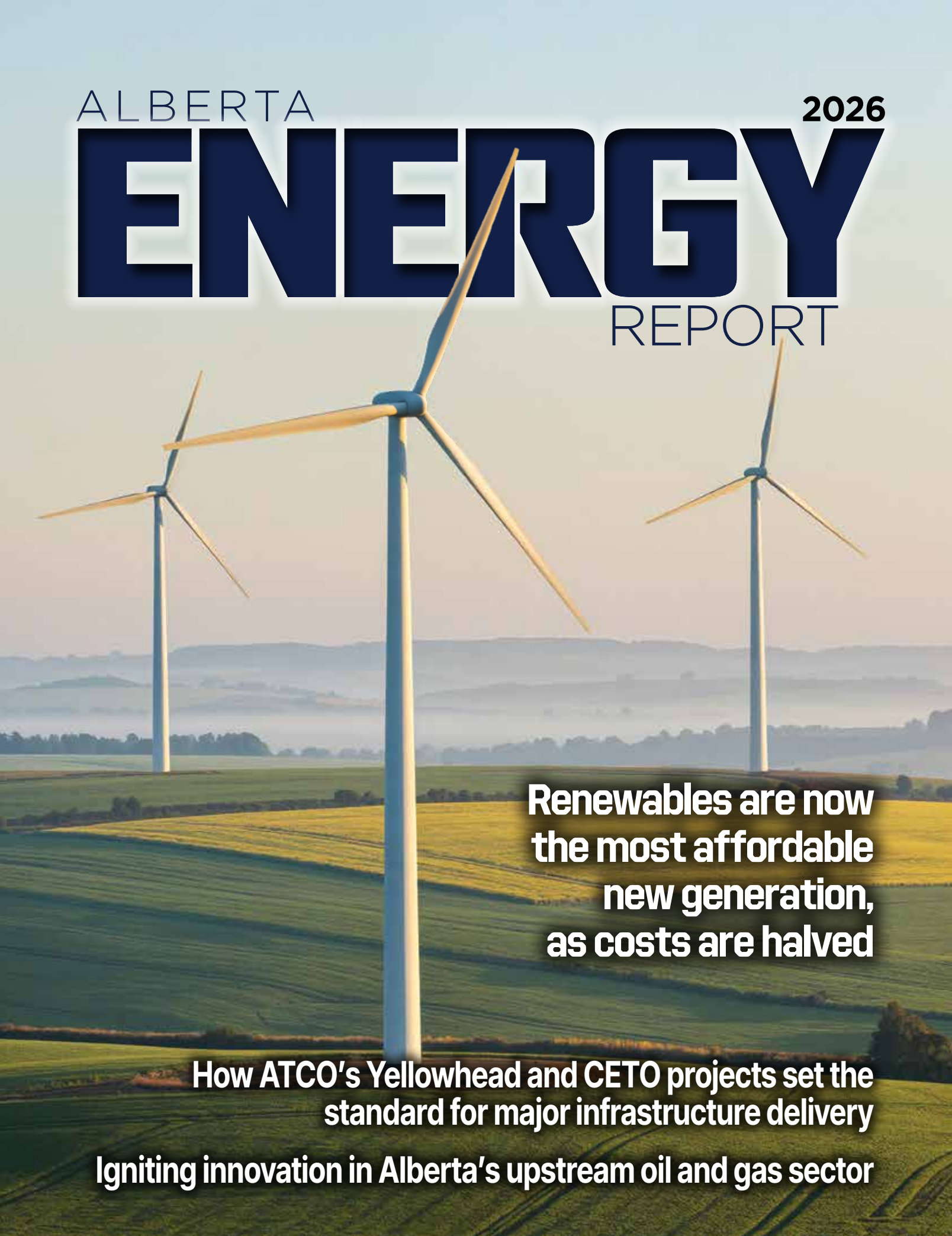

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2026

Renewables are now the most affordable new generation, as costs are halved

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[1]Other includes medicine, medical, textiles, and animal products.

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A message from the editor

SHAYNA WIWIERSKI

In Alberta's energy sector, change is not only constant, it's accelerating. Every quarter brings new technologies, shifting regulatory expectations, and evolving market demands. Yet what continues to define us as an industry is our ability to adapt, collaborate, and innovate in the face of challenge. This issue of the *Alberta Energy Report* celebrates that adaptability through stories that showcase resilience, vision, and the shared pursuit of a stronger, more sustainable energy future.

Nowhere is that spirit of collaboration clearer than in the work of PTAC and the Alberta Upstream Petroleum Research Fund (AUPRF). Alberta's upstream oil and gas producers are operating in an increasingly complex environment, one that demands measurable environmental performance, operational efficiency, and cost discipline all at once. The AUPRF provides a powerful framework for addressing this challenge. By pooling resources and expertise across the industry, it transforms high-risk, high-cost technical hurdles into opportunities for collective progress.

This approach to structured, collaborative innovation isn't just theoretical, it's practical and deeply impactful. Whether testing new emissions-reduction technologies, improving water management, or validating safer field practices, the projects supported by AUPRF enable producers to share both knowledge and risk. In doing so, they accelerate the development of scalable solutions that benefit not just individual operators, but Alberta's entire energy ecosystem. It's a model for how cooperation, rather than competition, drives meaningful change in an industry built on shared infrastructure and collective responsibility.

That same forward-looking mindset is evident in ATCO's leadership on two major infrastructure initiatives: the Yellowhead Pipeline and the Central East Transfer Out (CETO) project. As Alberta grows, its need for reliable, resilient, and future-ready energy infrastructure has never been more critical. With the 235-kilometre Yellowhead Pipeline — connecting Peers to Fort Saskatchewan — ATCO is demonstrating what modern project execution looks like in today's energy environment.

The numbers alone tell a powerful story: 2,000 direct construction jobs, $20 billion in investment, and an estimated $3.9 billion annual contribution to Alberta's GDP once operational. But beyond economic impact, the project represents a blueprint for how to build infrastructure the right way. Through active engagement with municipalities, Indigenous communities, and local stakeholders, ATCO is ensuring that growth happens with transparency, accountability, and shared benefit. In a province that thrives on resource development, these commitments strengthen public trust and set a new standard for responsible growth.

As you explore this issue, you'll find examples like these that reaffirm Alberta's position as a global leader in energy innovation and performance. From upstream research collaborations to large-scale infrastructure investments, Alberta's energy community continues to show what's possible when expertise and ambition align.

The challenges ahead are real, but so is our capability to meet them. Together, through cooperation and commitment, Alberta's energy industry is not only adapting to the future; it's defining it.

I hope you enjoy this issue and I invite you to visit us online at albertaenergyreport.com for more insights and updates.

Shayna Wiwierski
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Canada's energy infrastructure pipeline has never been busier. And while demand is surging across major builds, the real pressure point is the electrical and automation supply layer, where small specification or delivery issues can quietly derail multimillion-dollar schedules.

For procurement leads and project managers, the challenge is not product availability. It is accountability. When timelines compress and complexity spikes, you need a partner who has been through it enough times to see the problems before they land on your desk.

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Message from the Premier of Alberta

On behalf of the Government of Alberta, it is my pleasure to send greetings for the third issue of the *Alberta Energy Report*.

2025 was an important year for Alberta energy. The highlight, of course, was the landmark energy agreement between Alberta and Ottawa to more than double oil exports to Asian markets, address investment uncertainty and reduce emissions. That includes an understanding that the parties will work together to facilitate the application, approval and construction of an Indigenous co-owned Alberta bitumen pipeline. As we move into 2026, there is real momentum on building a new foundation to grow Canada's energy economy and bring prosperity coast to coast by giving the world more of what it needs – Alberta's responsibly and ethically produced energy.

In the face of global economic uncertainty, Canada can and should be a global energy superpower. The stakes are high, and Alberta brings a lot to the table. I hope readers of the *Alberta Energy Report* enjoy learning more about the incredible advantages in this province and the producers who contribute to our thriving energy sector.

Best wishes,

Honourable Danielle Smith, Premier of Alberta

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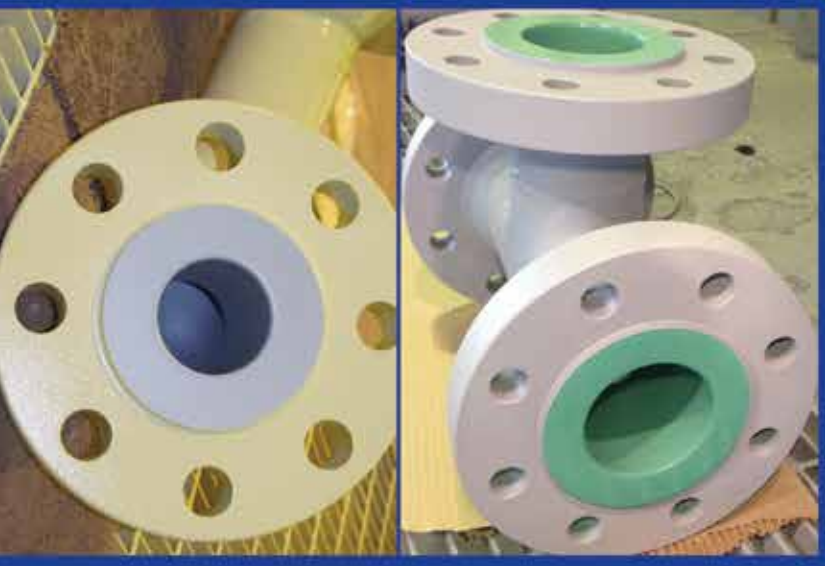

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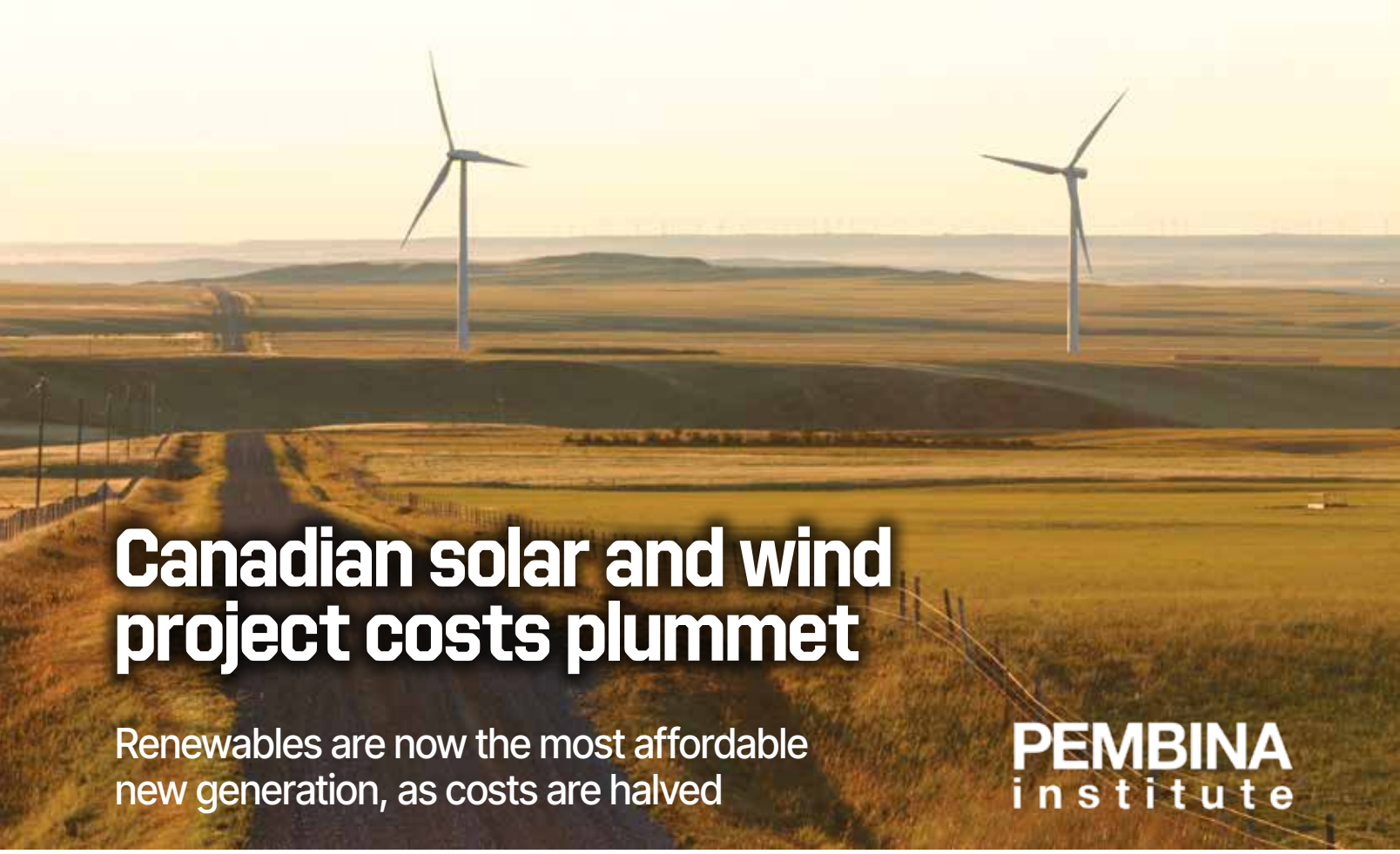


Canadian solar and wind project costs plummet

Renewables are now the most affordable new generation, as costs are halved

PEMBINA institute

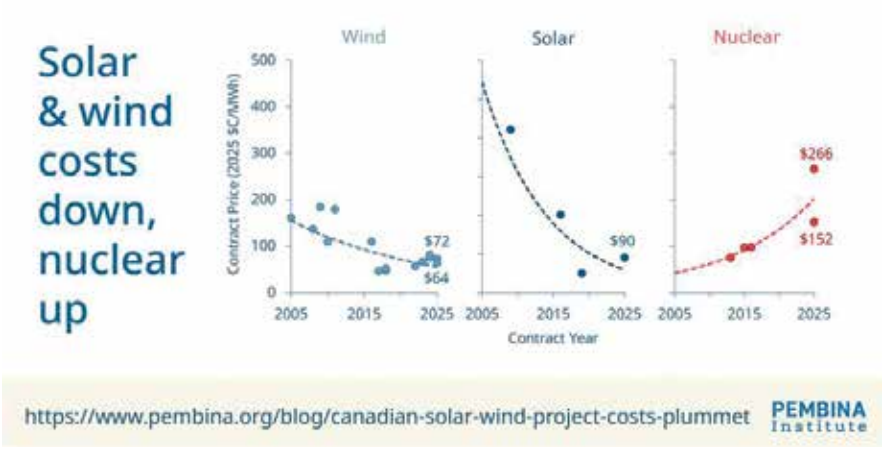
By David Pickup and Will Noel

Even if solar panels or wind turbines are not on your shopping list, your budget can still benefit from a growing clean energy sector. Photo credit: David Dodge, The Pembina Institute.

It's a happy coincidence of timing: we need a lot more electricity generation, and fast — and we've also experienced more than a decade of price reductions in renewable energy.

A look at projects built in Canada shows a clear trend: contracted energy costs from wind and solar have been cut in half over the last 10 years, the period of time during which most projects were built in Canada.

These wind and solar projects provide concrete, local examples of how costs are coming down as the technology improves and the market matures. Each point in the graph reflects one or more real projects from signed deals. Altogether, the deals come from procurements in seven provinces across Canada.



The utilities that operate the electricity systems in most provinces held competitive procurement processes to secure contracts. This gave the market the certainty to grow and build projects that deliver low-cost energy. To top off all that good news, analysts expect that the cost of renewables will continue to drop further by between 25 to 50 per cent over the next decade.

In contrast, the cost of new nuclear projects, including refurbishments, has risen over the same period, so

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that the energy delivered by nuclear projects contracted over the last couple of years will likely be two to three times the cost of energy from renewables projects contracted in that year. We estimate the Pickering nuclear refurbishment will deliver power at $266 per megawatt-hour (MWh), and the Darlington small modular reactor project will be $152 per MWh; compare that to wind and solar procured in Saskatchewan and B.C. at $64-110 per MWh.

It's worth noting, too, that the energy from renewables will come along sooner — in the next three to five years — rather than 10 years or more for nuclear projects. It's important to move quickly as forecasts across the country show a rapid and substantial increase in the need for additional electricity. For example, Ontario expects electricity demand will grow by 75 per cent by 2050, while Alberta expects a 26 to 44 per cent increase between 2024 and 2043.

Why the timing of the renewable energy price drops matters

A decade ago, wind and solar electricity generation were more expensive than other types of generation. But since then, prices have dropped steadily. Now, they're the lowest-cost form of new electricity generation, according to the grid operators in Alberta and Ontario, as well as global analysts.

The timing of this price drop could not have come at a better time. Electricity demand is surging to accommodate the electrification of vehicles, home heating and industrial processes, so provinces across Canada are making crucial decisions about how to add more electricity to their systems. Getting more affordable electricity generation onto the grid fast underpins the competitiveness of the economy.

How electricity users benefit when renewable energy is added to the grid

Even if solar panels or wind turbines are not on your shopping list, your budget can still benefit from a growing clean energy sector. That's because when the most affordable forms of new electricity generation — namely solar, wind and battery storage — are added to the electrical grid in your province or territory, they help keep electricity prices low for everybody.

The biggest cost involved in the life of a wind or solar farm is the upfront capital cost to build the infrastructure. Once they're built, they run on free fuel (wind and sunshine), unlike natural gas or nuclear plants.

There are effective ways of making sure this low-cost energy is still available when the sun sets and the wind isn't blowing. Ontario figured this out when it contracted 1,885 megawatts (MW) of battery storage capacity in its first long-term procurement. Extra wind and solar power is stashed away during peak energy-producing hours and is discharged to the grid when it's most needed. The province is also harnessing energy savings by working with electricity consumers to reduce demand when necessary, and it's building transmission lines to move energy from high production to high consumption areas.

The overall cost reductions of renewable energy over time and the continued low operating costs are the reasons why 93 per cent of new electricity infrastructure built in the United States last year was solar, wind, and batteries. It's also why renewable energy overtook coal as the largest source of electricity worldwide in 2025.

Where clean energy is being added to the Canadian grid now

Canadian provinces, having recognized the value of adding more renewables to their electricity mix, are scaling up calls for wind and solar project proposals in 2026. The fact that they're using competitive auctions to secure the additional electricity means they're getting the best value for their dollar. Here's what we'll be watching this year:

- ***Ontario:*** Over four years, the province is running a technology-agnostic competitive bid process for up to 7,500 MW of new energy and capacity. It's open to wind and solar developers, as well as energy storage projects and natural gas plants. The first round of results are expected in April.
- ***Quebec:*** Hydro-Québec announced plans last year to develop 10,000 MW of wind and 3,000 MW of solar energy by 2035. The first call for tenders for 300 MW of solar energy is opening in April.


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- ***British Columbia:*** BC Hydro launched a bid process in 2025 to acquire up to 5,000 gigawatt hours per year of new clean or renewable energy projects. For comparison, this is roughly equivalent to either 1,600 MW of wind or 2,500 MW of solar. BC Hydro got 14 proposals totalling more than 9,100 gigawatt hours per year, nearly double the targeted amount, and final results are expected in the coming months.
- ***Manitoba:*** Manitoba Hydro is procuring 600 MW of wind power this year, with the official request for proposals coming out in March.
- ***The territories*** do not have centralized renewable energy requests for proposals. They're typically smaller community-oriented projects, funding programs, and utility procurements rather than large multi-hundred-MW auctions. Our recent report, Restoring the Flow, explores the status of policies supporting Indigenous-led clean energy in remote communities.

However, a couple of provinces are choosing to go a different direction with new energy needs and are missing out on the opportunities of low-cost renewable energy:

- ***Alberta:*** Until recently, Alberta led the country in renewable energy deployment. However, after a series of major policy changes, the market is stalling, as our report from last year highlights.
- ***Saskatchewan:*** The Government of Saskatchewan decided in the middle of last year to extend its coal fleet to power its grid until nuclear plants come online sometime later in the century. Although it is also procuring some renewable energy, we believe the decision to extend coal is going in the wrong direction.

The provincial and territorial governments, with the foresight to take advantage of the low-cost electricity available from wind and solar, can do so by planning their systems around a modernized grid. This means harnessing the latest technology — including interprovincial interties, demand-side measures, and long-duration energy storage — to manage their energy in a way that delivers affordable and reliable electricity as demand grows.

2026 will be another exciting year for clean energy in Canada as federal, provincial, and territorial governments adjust to the new reality of low-cost renewable energy and make crucial decisions about the future of our energy supply.

David Pickup is the manager of the Electricity program for the Pembina Institute, where he develops solutions to support reliable, affordable, and emission-free electricity grids in Canada.

Will Noel is a senior analyst with the Pembina Institute's electricity team, focusing on the intersection of technology and emissions policy for both Alberta and Canada. ◆

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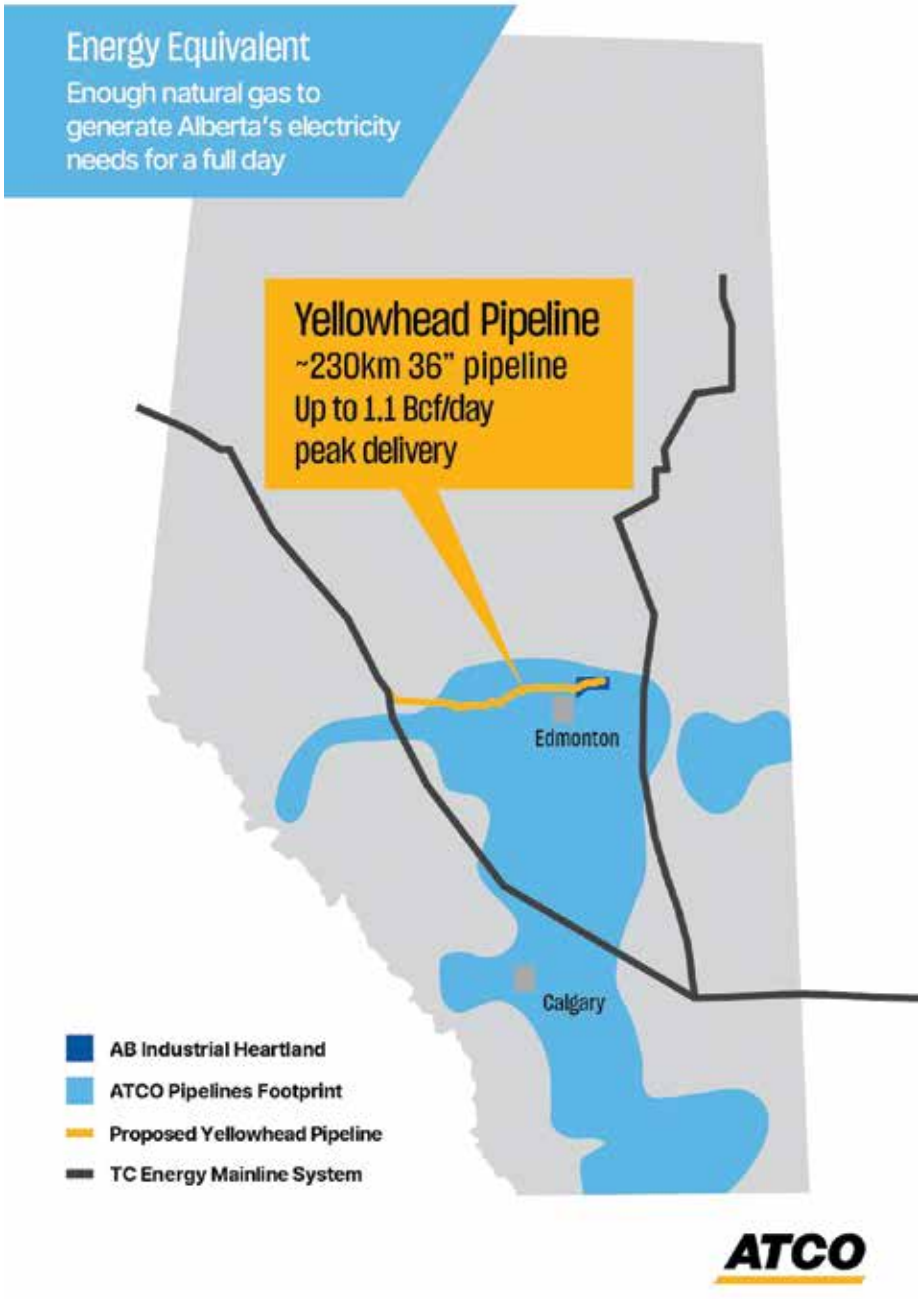
Building Alberta's future

How ATCO's Yellowhead and CETO projects set the standard for major infrastructure delivery

As Alberta continues to grow, the province's need for reliable, future-ready energy infrastructure has never been more critical. ATCO is at the forefront of meeting this demand. With two projects — the Yellowhead Pipeline and the Central East Transfer Out (CETO) project — the company is demonstrating what it takes to deliver major infrastructure that strengthens the economy, supports industry, and positions the province for decades of prosperity.



Yellowhead Pipeline: A cornerstone of Alberta's economic growth

The Yellowhead Pipeline is a critical expansion to the natural gas system in Alberta. Spanning 235 kilometres from Peers to Fort Saskatchewan, the Yellowhead natural gas pipeline will move more than 1.1 billion cubic feet of natural gas per day, reinforcing a system that supplies Alberta's homes, businesses, and industrial operations.

Its economic impact is significant. Construction of the project is expected to create 2,000 direct jobs, with an additional $20 billion in investment and associated employment supported through downstream industrial development. Once operational, these developments are projected to contribute $3.9 billion annually to Alberta's GDP and support more than 23,000 ongoing jobs.

Beyond the numbers, Yellowhead represents a modern approach to infrastructure development. ATCO's engagement with municipalities, Indigenous communities, and local stakeholders has shaped routing decisions and support for the project.

Once operational, these developments are projected to contribute $3.9 billion annually to Alberta's GDP and support more than 23,000 ongoing jobs.

All of this is strengthened by the company's commitment to transparent engagement, regulatory certainty, and community confidence throughout the project lifecycle.

CETO: Strengthening Alberta's electricity backbone

While Yellowhead boosts Alberta's natural gas pipeline capacity, the CETO project — Central East Transfer Out — is doing the same for the province's electricity system. This major 240kV transmission development adds 85 kilometres of new lines, and upgrades the Tinchebray substation, increasing transfer capability and supporting the growth of renewable generation in central Alberta.

CETO is already well into construction, with direction from the Alberta Electric System Operator (AESO) and collaboration between ATCO and AltaLink. The project is not just about adding capacity, it is designed to improve system reliability, reduce congestion, and enable the modernized grid Alberta needs as industries electrify and new opportunities emerge. CETO represents the kind of systemwide thinking required for the province's long-term energy resilience.

Proof that Alberta can build big

Together, Yellowhead and CETO demonstrate that Alberta can move major infrastructure forward — responsibly, collaboratively, and with vision. They show what's possible when industry, regulators, communities, and partners work together toward shared outcomes. They highlight the value of long-term planning and the importance of investing in the backbone that powers Alberta's economy. These projects reinforce confidence for businesses to decide where to invest, for communities planning for growth, and for governments working to advance economic competitiveness.

ATCO has consistently emphasized how these projects enable Alberta to grow stronger.

"Major projects like Yellowhead and CETO show what Alberta is capable of achieving," says Bob Myles, chief executive officer of Canadian Utilities Ltd. (the ATCO company leading both projects). "When we align on the need, work collaboratively, and stay focused on execution, we can build the infrastructure that keeps this province and the broader country competitive, prosperous, and prepared for the future."

Building today for tomorrow

The success of Yellowhead and CETO is a blueprint for how Alberta can continue to build the energy systems needed to fuel its future. With growing demand from industries such as petrochemicals, generation, and data centres, major infrastructure has become foundational to economic opportunity. ◆

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Strengthening Alberta's energy talent pipeline

Through its School of Energy and Natural Resources (SENR), NAIT is helping ensure Alberta has the skilled, adaptable, and diverse talent needed to power the next chapter of the energy economy.

By Dr. Agatha Ojimelukwe, Dean, School of Energy and Natural Resources, NAIT

Alberta's energy and natural resources sectors are entering a new era of opportunities. Perspectives are shifting to encourage investment in the province's oil and gas sector, thereby driving economic growth, while emphasis on cleaner energy is revealing new possibilities. The Trans Mountain Pipeline expansion, which generated over $12 billion in its first year, exemplifies this growth potential, with further expansion anticipated through multiple planned projects.

As technologies advance and sustainability expectations evolve, the province is well-positioned to build an energy future that is innovative, resilient, and globally competitive. Realizing this potential depends on one critical factor: people.

Through its School of Energy and Natural Resources (SENR), NAIT is helping ensure Alberta has the skilled, adaptable, and diverse talent needed to power the next chapter of the energy economy.

Across the sector, demand for skilled talent remains strong. Employers continue to report shortages in technical and applied roles such as power engineering, instrumentation, and engineering technologies — roles that are essential to both traditional energy development and emerging systems.

The School of Energy and Natural Resources takes a people-centred approach to meeting this demand — one that focuses not only on enrolment, but on who has access to energy education and how early learners are engaged.

Engagement with energy careers begins well before post-secondary education. Energy & Natural Resources Week, led by the school, brings together K-12 students, educators, and industry partners to explore the breadth of energy careers, from traditional resource development to renewables, environmental stewardship, and innovation. NAIT also collaborates with Inside Education to deliver Teacher Professional Development Day sessions, ensuring K–12 educators have current, balanced information to share with students across Alberta.

Programs like Jill of All Trades introduce high-school girls and gender-diverse youth to hands-on careers in energy-related trades and technologies, helping broaden participation in

Programs like Jill of All Trades introduce high-school girls and gender-diverse youth to hands-on careers in energy-related trades and technologies, helping broaden participation in fields where representation has historically been limited.

fields where representation has historically been limited. These early experiences play a critical role in shaping confidence, awareness, and long-term career choices.

NAIT is also making steady progress in expanding access for Indigenous learners. Indigenous enrolment within the School of Energy and Natural Resources grew by 21 per cent between 2022 and 2026, reflecting the impact of intentional access initiatives. Application and admission fee waivers for Indigenous applicants, paired with culturally informed academic and community supports, help reduce financial and systemic barriers while supporting learner success throughout their programs.

Our proactive, intentional efforts are beginning to deliver the desired outcomes.

Student demand for energy programs consistently exceeds available seats. Electrical Engineering Technology, for example, has applications exceeding capacity by nearly 269 per cent. Power Engineering programs see even greater pressure, with applications surpassing capacity by over 446 per cent. This trend highlights both the sector's strength and the need for expanded training capacity.

Enrolment in the School of Energy and Natural Resources has grown steadily, with a 16 per cent increase in headcount over the past two years, signalling confidence in energy careers and their long-term relevance.

Strong outcomes continue after graduation. 81 per cent of SENR graduates are employed upon graduation, with nearly half securing employment either before graduating or within the first few months afterward. Graduate satisfaction remains high, with 95 per cent of graduates recommending NAIT, reinforcing the value of applied, industry-aligned education.

Looking ahead, NAIT's proposed Advanced Skills Centre represents a timely opportunity to strengthen Alberta's critical workforce further. By expanding training capacity and offering state-of-the-art learning environments, the centre will enable the School of Energy and Natural Resources to meet growing demand, support upskilling and reskilling, and prepare learners for emerging technologies.

Investing in people today is how Alberta secures its energy future, and NAIT is proud to help lead that work. ◆

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Pat's Driveline opened in 1980 with branches located throughout Alberta, Surrey, B.C., Mississauga, Ont., and Moncton, NB.

The Gear Centre Group of Companies is celebrating 50 years of service excellence as one of the leading powertrain, driveline, and steering specialists in Canada. They specialize in specific automotive, heavy truck, industrial, parts, sales, and service.

From its humble beginnings as a small service shop in Edmonton in 1975, The Gear Centre has evolved over the years to become Canada's leading powertrain parts and service provider for the automotive and heavy truck industries. The Gear Centre Group of Companies currently includes five operating divisions: The Gear Centre Truck & Auto, The Gear Centre Off Highway, Hydra-Steer, Pat's Driveline and Pat's Driveline Industrial. Together, the divisions can offer a wide variety of powertrain, driveline, and steering expertise for many applications including automotive, medium-duty, heavy truck, 4×4, and off-highway equipment.

Headquartered in Edmonton, The Gear Centre Group of Companies includes 31 parts and service centres, three distribution warehouses, and over 150 parts specialists and service technicians across Canada. They are continually expanding their product lines and technical capabilities to ensure their customers receive superior product quality, service, and expertise.

The Gear Centre has been providing quality powertrain parts and components to the automotive, truck, and industrial markets since 1975. The Gear Centre provides services for the trucking, automotive, railway, forestry, construction, agricultural, and mining industries.

The Gear Centre, Truck & Auto Division opened in 1975 with branches located throughout Alberta, Surrey, B.C.; Mississauga, Ont.; and Moncton, NB. They specialize in repairing powertrain components in vehicles ranging from light truck to all makes and models of Class 8 trucks. Their customers range from individual car and truck owners to heavy truck and equipment fleet owners.

Pat's Driveline opened in 1980 with branches located throughout Alberta, Surrey, B.C.; Mississauga, Ont.; and Moncton, NB. Pat's Driveline provides

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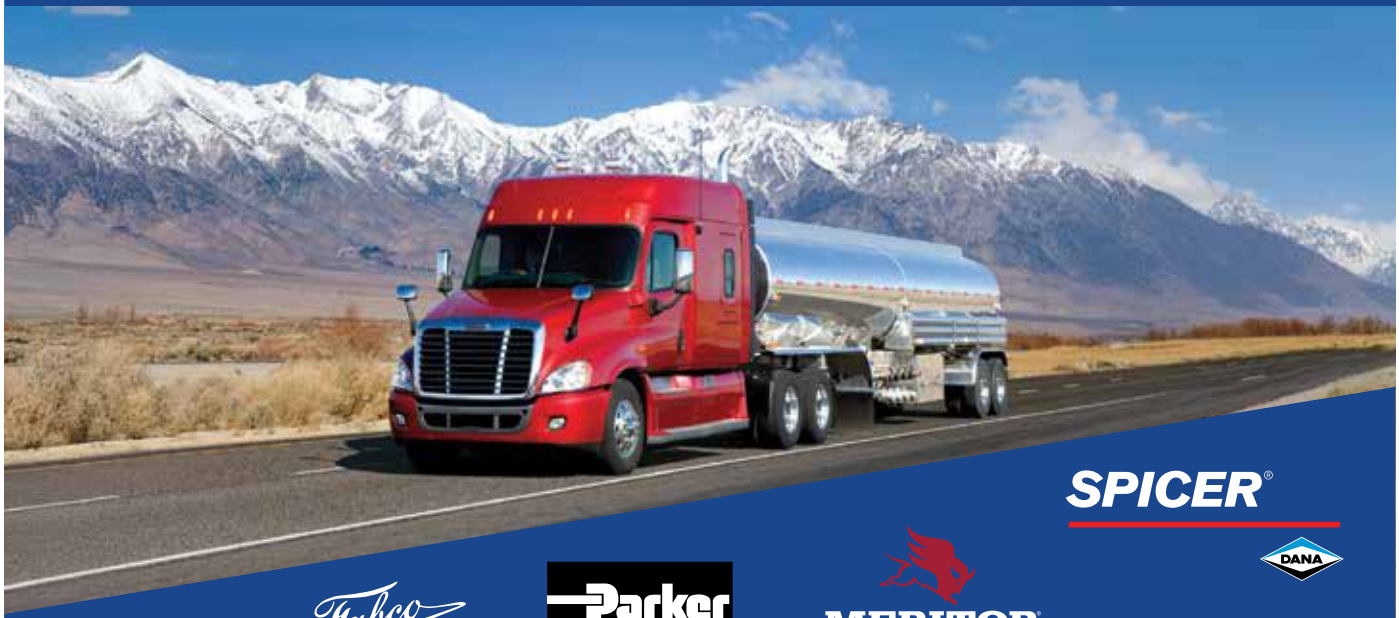

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driveshaft services and repair for all types of automotive, truck, and industrial vehicles and equipment. Every branch offers customers complete driveline dynamic balancing, design, and repair. Pat's Driveline also has an industrial division located in Edmonton, which provides services to all locations.

Hydra Steer opened in 1984 to service all steering and hydraulic needs with new and remanufactured pumps, cylinders, motors, valves, and steering gears, each fully tested with one of their three Dyna-Steer Analyzers. Today, Hydra Steer services Western Canada with branches located in Edmonton and Calgary, as well as in Surrey, with authorized distributors in Fort McMurray, Grande Prairie, Red Deer, Medicine Hat, Lethbridge, Mississauga, and Moncton.

Discount Truck Parts opened in 1992 and is located in Edmonton and provides customers with high-quality heavy truck parts at discounted prices. Among the selection is a large assortment of fuel, hydraulic, and combination tanks. Discount Truck Parts can also custom-build particular styles of tanks for replacement.

The Gear Centre, Remanufacturing Division opened in 1996 and is located in Edmonton. The Remanufacturing Division is responsible for the remanufacturing of transmissions, differentials, and transfer cases. This division supplies the re-manufactured components to the company's retail and wholesale divisions.

The Gear Centre, Off Highway Division opened in 1997 with branches located in Edmonton and Calgary, Surrey, and Mississauga. The Off Highway Division offers a variety of product support for stationary or mobile equipment with industrial, agricultural, military, or off-highway applications, and is capable of removing, repairing, or remanufacturing the component or unit.

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Benchmarking the future: 2026 compensation data for Canada's environmental roles

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In today's rapidly evolving green economy, offering competitive compensation is essential to attract and retain top environmental talent. Organizations that invest in strong salary and benefits strategies stand out in a competitive hiring market and improve employee engagement and retention. A well-designed compensation package not only motivates staff but also reduces turnover by encouraging long-term career growth within your company.

Unlike general compensation surveys, this guide offers job-specific salary benchmarks for dozens of high-demand roles, like environmental specialist, sustainability consultant, urban planner, etc. Built using verified employee-reported data from PayScale, the guide provides national median-base pay and total cash compensation segmented by experience and supervisory responsibility.

"This guide is more than just numbers – it's a strategic and convenient tool for employers navigating a competitive workforce," said Geni Peters, director of research at ECO Canada. "With accurate, up-to-date, detailed data, organizations can make informed decisions that support pay equity, transparency, and long-term workforce planning."

Key features of the 2026 Environmental Salary Guide

- National base salaries and total compensation for 30 key environmental roles by 10th, 25th, 50th, 75th and 95th percentiles.
- National median base salaries and median total compensation by years of experience and number of direct reports.
- Canada-wide benchmarks for technical, planning, regulatory, and operational roles.
- Data validated for accuracy and reliability using PayScale's trusted methodology.

Why invest in this report?

Attracting and retaining skilled environmental workers is key to the success of your organization. Implementing a robust compensation strategy strengthens your current operations, and supports the recruitment and retention of qualified workers.

Benchmarking the Future: 2026 Compensation Data for Canada's Environmental Roles is an asset that can help you increase your organization's competitive edge, build your employee engagement strategy, secure top talent, and ensure fair workplace practices.

Limited time offer: Double the value of one smart purchase!

When you buy one ECO Canada's 2026 Compensation Data for Canada's Environmental Roles, you get one hour of free HR consulting with ECO Canada's environmental HR experts, a valuable opportunity to interpret the data and enhance compensation strategies (details in the receipt of purchase email).

Get your organization equipped with ECO Canada's 2026 Compensation Data for Canada's Environmental Roles for just $199 CAD + applicable taxes.

Visit the following link for more info: https://eco.ca/environmental-employers/salary-guide-2026/

The 2026 Compensation Data for Canada's Environmental Roles is funded in part by the Government of Canada's Sectoral Workforce Solutions program. ◆

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Get salary benchmarks for 31 environmental roles across Canada.

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Energy in motion

40 years of readiness and resilience

When a dangerous goods incident occurs, someone must be ready to respond. Forty years ago, that principle guided a small group of specialists managing liquefied petroleum gas (LPG) incidents across Canada. Emergency plans lived in binders, decisions leaned on experience, and preparedness was more aspiration than expectation.

It was in that environment that LPG Emergency Response Corp., now known as Emergency Response Assistance Canada (ERAC) was born – a not-for-profit organization created by industry for industry, to bring structure, consistency, and trained people to emergency response.

What began modestly has grown into a nationwide system grounded in readiness.

A landscape transformed

Canada's energy system today is almost unrecognizable compared to four decades ago. Transportation corridors now move greater volumes of flammable liquids, compressed gases, liquefied petroleum gases, and emerging fuels like hydrogen. Each new commodity introduces unique behaviours and hazards, demanding advanced planning, technical expertise, and rapid adaptability.

ERAC's evolution mirrors this transformation. From an initiative focused on Class 2 and Class 3 dangerous goods, it has become a countrywide network of specialized responders, technical advisors, and partners working across regulatory, industrial, and geographic boundaries. Collaboration with federal and provincial regulators underscores a growing truth: effective emergency response depends on strong, coordinated partnerships across every link of the supply chain.

From plans to capability

Preparedness today is no longer defined by documents; it is defined by capability. ERAC's annual regional assessments and firefighter training exercises ensure responders can

ERAC's annual regional assessments and firefighter training exercises ensure responders can perform under real-world conditions.

Emergency Response Assistance Canada (ERAC)

Celebrating 40 years of trusted emergency response, we are a not-for-profit, dangerous goods emergency preparedness and response organization supporting over 320 oil, gas, and transportation companies requiring comprehensive emergency response plans.

ERAC's Four Pillars of Service:

1. Dangerous Goods Emergency Response **Planning**
2. ERAC Responder Training, **Assessment** and Approval
3. First Responder **Training**
4. 24/7 Dangerous Goods Emergency **Response**

Supported by a team of expertly trained responders, proven industry practices, and state-of-the-art emergency equipment, we stand ready to safely manage any flammable liquid or liquefied petroleum gas incident in Canada, safeguarding people, product, property, and the environment.

Learn more

ERAC's annual regional assessments and firefighter training exercises ensure responders can perform under real-world conditions.

perform under real-world conditions. These are not ceremonial drills; they are where skills become instinct, because instinct might one day define the outcome of a response.

Picture a responder stepping off a truck on a cold night, reading vapour behaviour in shifting wind. Or a team practicing transfers and flaring until the motions become second nature. These moments illustrate what preparedness truly means: readiness that lives in people, not just on paper.

New fuels, new questions

Hydrogen exemplifies how quickly the sector is changing. Its physics differ. Its behaviour in a release differs. Its risks demand new science and new training. ERAC has responded by developing hydrogen-specific emergency planning and expanding education so responders can blend decades of field experience with the demands of a new energy era.

Energy producers, transporters, and distributors now operate in a landscape where risk is both familiar and entirely new. Legacy expertise remains essential, but innovation in fuels, infrastructure, and mobility demands innovation in preparedness.

A future built on experience

ERAC's 40th anniversary is more than a celebration of longevity; it is a marker of transformation. In an era of heightened public expectations, complex regulation, and diversified energy systems, the importance of effective emergency preparedness has never been greater.

As ERAC moves into its next chapter, our commitment to readiness remains steadfast. Explore how we're shaping the future of emergency response at erac.org and join us in building a safer energy landscape throughout Canada. ◆

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Igniting innovation in Alberta's upstream oil and gas sector

Alberta's upstream oil and gas sector is navigating an environment of rising technical complexity, evolving regulatory expectations, and increasing pressure to demonstrate measurable environmental and operational performance, while reducing costs. Addressing these challenges requires more than incremental change. It requires structured, collaborative innovation that reduces risk while accelerating the development of practical solutions to facilitate operational savings and increase the ease of regulatory compliance.

The Alberta Upstream Petroleum Research Fund (AUPRF) is an industry-led, collaborative innovation program that enables this transformation. Designed around the principle that many sector challenges are too complex, costly, or high-risk for any single company to address alone, AUPRF allows producers to pool resources, share knowledge, and advance research intended to support responsible, competitive, and resilient upstream operations across Alberta.

An industry-led model for shared challenges

Funded voluntarily by more than 300 producers, AUPRF supports applied, field-oriented research and technology development aligned with identified industry priorities. In the last fiscal year alone, the program supported 38 projects spanning air emissions, ecology, reclamation and remediation, water management, and well decommissioning. These initiatives generate technical findings, tools, and data that inform operational practices.

Over the past three years, AUPRF has maintained an average levy collection rate of approximately 60 per cent and has produced technical outputs referenced in 14 regulatory and policy updates, underscoring the program's role as a credible source of evidence to support informed decision-making.

Governance that builds confidence

The AUPRF program is funded on a voluntary basis by Alberta's oil and natural gas operators, while the Petroleum Technology Alliance Canada (PTAC) serves as an impartial third-party project manager and administrator. This structure ensures producer priorities are advanced through a transparent, peer-informed, and technically rigorous process.

With the support of the Canadian Association of Petroleum Producers (CAPP) and the Explorers and Producers Association of Canada (EPAC), AUPRF provides a neutral platform that brings together operators, regulators, policymakers, researchers, and technology developers to identify shared challenges and align research priorities.

A scalable, high-impact portfolio

With 544 projects launched to date, AUPRF operates one of the largest coordinated upstream oil and gas research portfolios in Canada. While projects must be relevant to Alberta operators, work is often applicable to other jurisdictions and can be conducted outside of the province if the value to Alberta producers is clear.

Through cost-sharing and collaborative delivery models, AUPRF achieved an estimated 4:1 leverage ratio in the last fiscal year through $3.2 million in program funding. This was leveraged by an additional $7.2 million for applied research and technology development initiatives.

With the support of the Canadian Association of Petroleum Producers (CAPP) and the Explorers and Producers Association of Canada (EPAC), AUPRF provides a neutral platform that brings together operators, regulators, policymakers, researchers, and technology developers to identify shared challenges and align research priorities.

Strategic focus areas for the future

AUPRF's current research portfolio is structured around three strategic themes focused on integrating methane measurement with mitigation, advancing well and site decommissioning technologies, and strengthening decision support for certification.

Together, these areas aim to improve emissions management, remediation outcomes, regulatory alignment, and operational transparency. Each theme is supported by a network of subject-matter advisors from industry, government, and regulatory bodies who provide technical guidance, governance oversight, and input into project selection and knowledge-sharing processes.

Enabling evidence-based progress

AUPRF is not a single project or program, it is a collaborative innovation platform built to support continuous improvement across Alberta's upstream sector. By investing in applied research and technology development, the program helps producers navigate regulatory complexity, strengthen environmental performance, and enhance operational competitiveness.

In a rapidly evolving energy landscape, AUPRF provides a proven mechanism for industry to move forward, together.

AUPRF invites all stakeholders to actively participate in shaping the future of Alberta's oil and gas sector. Visit www.ptac.org to learn more. ◆

SAIT's Imperial Energy Innovation Centre opened in 2025.

SAIT's focus on applied energy research and education

The Southern Alberta Institute of Technology (SAIT) opened the Imperial Energy Innovation Centre in 2025, thanks to Imperial's donation of the 40,000-square-foot, state-of-the-art research lab facility valued at $37.5 million — the single largest corporate gift to any post-secondary institution in Alberta.

Under SAIT's management, the facility is leading energy innovation and applied research, and creating new opportunities for collaboration between industry and students.

Projects undertaken in these labs will benefit from a powerful integration of SAIT's Applied Research and Innovation Services (ARIS) with Imperial's extensive research presence in oil sands recovery technology.

The Imperial Energy Innovation Centre features labs with specialized equipment and techniques for processing oil sands and designing solutions to improve operational efficiencies and reduce environmental impacts.

Home to Canada's first lab-scale Once Through Steam Generator (OTSG), this technology uses recycled boiler feed water to generate steam at high temperature and pressure — reducing the need for fresh water to separate bitumen. Tailings-related research at the centre focuses on treatments to better manage volume, improve tailings consolidation and lower carbon footprints.

At the Imperial Energy Innovation Centre, leading researchers in petroleum engineering work together with the next generation of thinkers

The Imperial Energy Innovation Centre features labs with specialized equipment and techniques for processing oil sands and designing solutions to improve operational efficiencies and reduce environmental impacts.

and innovators to better anticipate the needs of tomorrow and launch solutions to in-field challenges. SAIT is ready to enhance the momentum of applied energy research and drive the future of sustainable energy in Canada.

Honouring a legacy at SAIT's MacPhail School of Energy

When electrician Randy O'Dell founded O'Dell Electric in 1984, he wanted to deliver quality electrical services and make a difference in Calgary's evolving landscape. His desire to leave a lasting legacy was further realized in 2018 when the O'Dell estate made a $2 million legacy gift to the MacPhail School of Energy.

Since then, the estate has given SAIT an additional $1 million to help with fundamental upgrades and renovations to the electrical learning spaces. As a testament to this generous support and in honour of his legacy, SAIT announced the opening of the Randy O'Dell Centre for Electrical Trades in November 2025.

Transformational renovations to electrical labs, workshops, and classrooms and equipment upgrades, featuring industry-leading Festo solar, pneumatics, and Building Management Systems training, have reshaped how faculty prepare students for the future.

A new Electrical Trade and Technology program launched in fall 2025 also makes use of the updated facilities. Initially open to a 30-person cohort, strong enrolment numbers led to two additional cohorts — a second in the fall semester and another during the winter term.

To date, more than 4,700 learners have benefitted from these contributions. As one of Alberta's high-demand skilled trades, SAIT is anticipating almost 3,000 electrical apprenticeship students will study at the Randy O'Dell Centre for Electrical Trades in the 2026/27 academic year. ◆

SeeLeveL by Garnet Instruments: Precision measurement built for Canada's energy sector

SeeLeveL Flair™ Model 808-BT3, scheduled for release in second quarter 2026, represents the next generation of dual-compartment tank monitoring.

The SeeLeveL Octane™ Model 812 provides expanded functionality, including programmable alarms, temperature monitoring, and integrated communications.

In Alberta's energy sector, precision is not a luxury — it is a requirement. From upstream production to downstream transport, accurate liquid level measurement underpins safety, regulatory compliance, and operational efficiency. For more than 30 years, Garnet Instruments Ltd., based in Sherwood Park, Alta., has been quietly helping the industry meet those demands with rugged, reliable instrumentation designed for real-world conditions.

Founded in 1993, Garnet Instruments emerged with a clear purpose: to engineer dependable digital fluid measurement systems capable of performing in harsh industrial environments. Its early innovation, the SeeLeveL™ tank truck gauge, marked a turning point for oilfield transport operations by providing continuous, accurate liquid level readings — replacing estimation with data. The result was improved safety, reduced risk of overfills, and better operational decision-making for fleet operators across Western Canada.

Engineering with the operator in mind

What sets Garnet apart is its integrated approach to product development. Engineering, manufacturing, testing, and customer support are closely aligned, allowing the company to respond quickly to evolving industry needs. This structure has enabled Garnet to expand beyond its original transport focus into overfill protection

Introduction of the Model 810-TX Sender Bar is set to deliver improved accuracy and introduce field-replaceable battery modules, minimizing service interruptions.

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- Digital microprocessor design for stable, continuous readings.
- High resolution accuracy as low as 1/4".
- Intrinsically safe fiber optic connections for hazardous liquids.
- Built-in alarm outputs for overfill protection.
- No recalibration required.
- New 810-TX sender bar reads temperature and includes a field-replaceable battery for better serviceability.
- New dual and multiple tank monitoring options.
- Calibration and setup with a user-friendly app.
- Advanced incline compensation for loading or unloading on slopes (coming soon).

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Despite this diversification, energy transport remains a core strength. Garnet's systems are designed not just to function, but to endure — a critical consideration for Alberta operators facing extreme temperatures, demanding duty cycles, and strict safety requirements.

Modernizing transport measurement

As Alberta's energy logistics grow more complex, instrumentation must keep pace with advances in connectivity, data management, and compliance reporting. Garnet's latest transport product updates reflect this shift.

The upcoming SeeLeveL Flair™ Model 808-BT3, scheduled for release in the second quarter of 2026, represents the next generation of dual-compartment tank monitoring. With built-in Bluetooth connectivity and enhanced data logging, the system supports remote configuration and diagnostics — reducing downtime and simplifying fleet maintenance.

For multi-compartment vehicles, the SeeLeveL Octane™ Model 812 provides expanded functionality, including programmable alarms, temperature monitoring, and integrated communications. These features give operators greater visibility into tank conditions during transport, improving safety and logistical efficiency.

Garnet has also focused on strengthening the foundation of its systems. Introduction of the Model 810-TX Sender Bar is set to deliver improved accuracy and introduce field-replaceable battery modules, minimizing service interruptions. Intrinsically safe fiber-optic connections ensure reliable operation in hazardous environments — a key consideration for energy transport across the province.

An Alberta company with global reach

While rooted in Alberta, Garnet Instruments operates on a global stage, with U.S. operations in Texas and European sales support serving international markets. This global reach is grounded in Alberta-based engineering expertise — a model that reflects the province's broader role as a supplier of energy technology and innovation.

As Alberta's energy sector navigates regulatory evolution, infrastructure expansion, and ongoing market uncertainty, dependable measurement systems will remain essential. Garnet Instruments' continued investment in practical, operator-focused innovation demonstrates how Alberta companies can support safer, more efficient energy operations, not through headline-grabbing disruption, but through steady, measurable improvement.

In an industry where every litre matters, precision makes the difference. Garnet Instruments Ltd. continues to prove that Alberta-built solutions belong at the centre of the energy conversation. ◆

The Peace Region Energy Show (PRES) is the largest gathering of energy professionals in northern Alberta.

PRES 2024 North America largest pump jack.

Discover the future of energy

The Peace Region Energy Show (PRES) is the largest gathering of energy professionals in northern Alberta. With 400 exhibitors and thousands of attendees, this event provides a unique opportunity for businesses involved in the energy sector to showcase their products and services, generate leads, and build lasting relationships.

The Grande Prairie & District Chamber of Commerce and the Grande Prairie Petroleum Association are thrilled to invite you to PRES 2026, set for February 13-14 at Evergreen Park in the County of Grande Prairie.

PRES was launched in 2022 following in the footsteps of our very successful and popular Peace Region Petroleum Show, which ran biennially from 1995 to 2019. Rebranding our show opened the doors for emerging technologies and the renewable energy sector while still giving our traditional industry partners and exhibitors the platform to showcase their businesses and tell their stories.

The continuing partnership between our organizations allows us to bring you one of the largest energy trade shows in Western Canada, featuring hundreds of exhibiting companies. We are excited to have

We are excited to have participating booths inside and outside the TARA Centre, one of the premier trade show facilities in the province, in the beautiful setting of Evergreen Park in the County of Grande Prairie. Seen here is the trade show at the 2024 PRES.

participating booths inside and outside the TARA Centre, one of the premier trade show facilities in the province, in the beautiful setting of Evergreen Park in the County of Grande Prairie.

We hope to connect you with potential business clients, employees, producers, suppliers, and contractors while also creating opportunities to renew old friendships and build new relationships within the energy industry. There's also the chance to find out more about the latest equipment, technology, and projects from those involved.

The petroleum sector is one of the pillars of the Peace Region's economy and has made major contributions to the quality of life enjoyed by our residents. The Grande Prairie Petroleum Association annually supports a wide variety of organizations and events in the community. The Grande Prairie & District Chamber of Commerce has more than 1,100 member businesses and is one of the largest and most active chambers of commerce in Alberta, allowing it to be a strong advocate for the industry and provide a unified voice for companies to all levels of government.

If you are a visitor to the area, we hope you take some time during your stay to sample our local businesses and enjoy the natural beauty, attractions, and hospitality that can be found in the County of Grande Prairie, the City of Grande Prairie, the Municipal District of Greenview, and the surrounding communities.

We encourage you to exchange ideas, discuss the past, present, and future, and let's truly celebrate our energy industry. ◆

Bridging the divide

Campus Energy Living Lab de-risks Alberta's energy transition

Red Deer Polytechnic

Red Deer Polytechnic (RDP) is actively leveraging its main campus infrastructure as a dynamic testbed for emerging energy technologies, with applied research efforts led by the Energy Innovation Centre (EIC).

Since the opening of RDP's Alternative Energy Lab in 2019, the EIC has progressed into a powerhouse dedicated to applied research and hands-on education, serving businesses, utilities, and municipalities seeking data-driven solutions in a rapidly changing energy landscape. The foundation of EIC's activity is the Campus Energy Living Lab (CELL), which combines state-of-the-art energy systems infrastructure with a centralized software layer, and where researchers translate theoretical concepts into validated, real-world solutions.

The foundation of EIC's activity is the Campus Energy Living Lab (CELL), which combines state-of-the-art energy systems infrastructure with a centralized software layer, and where researchers translate theoretical concepts into validated, real-world solutions.

Campus infrastructure as a micro-grid

The RDP campus functions as a de-facto micro-grid, essentially mimicking the complexity of a small-town energy system. This integrated energy ecosystem provides a unique environment where the interconnections between energy generation, distribution, building management, energy storage, and data analytics can be studied in detail.

The campus features nearly 4,200 solar photovoltaic panels with an installed capacity of 1.6 MW, notably including the largest institutional solar array in Canada.

By using its campus infrastructure as a comprehensive laboratory, RDP is positioning itself as a leader in accelerating Alberta's energy transition goals.

The underlying infrastructure is substantial, placing RDP at the forefront of post-secondary energy innovation in Canada. The campus features nearly 4,200 solar photovoltaic panels with an installed capacity of 1.6 MW, notably including the largest institutional solar array in Canada. Paired with a 1 MW combined heat and power (CHP) unit, this hybrid system is designed to offset roughly 60 per cent of the polytechnic's annual electricity consumption and significantly reduce carbon emissions. Additionally, the EIC has integrated battery storage, with an operational 190kWh system dedicated to applied research, focused on evaluating the circularity of electric vehicle (EV) batteries for energy storage applications.

The core purpose of the Campus Energy Living Lab is to expedite the adoption of new technologies by reducing the risks associated with broad-scale implementation. This is achieved by testing, validating, and optimizing these systems within the campus's controlled, yet realistic, operational environment. This capability is amplified by the EIC's ability to operate parts of the system independently – a process known as islanding – allowing researchers to safely test new grid technologies without impacting the wider public or the main provincial grid.

"The solutions we can offer are not just theoretical – they are derived from real-world situations and data gathered from our own power systems," emphasizes Dr. Tonya Wolfe, associate vice-president of applied research at Red Deer Polytechnic. "This practical verification is crucial for industry partners hesitant about investing in emerging technologies."

Practical insights and reduced market risk

The value proposition for external partners is the ability to bridge the gap between research and development, and full implementation. Industry collaborators gain access to an open innovation ecosystem where products and concepts can undergo rigorous trials, resulting in practical insights and reduced market risk. This is particularly critical for utilities like FortisAlberta, who have partnered with RDP to advance new technologies that effectively and economically integrate resources like solar and batteries into the electric system. The ability to test integration without risking the main customer base is a tremendous asset.

By using its campus infrastructure as a comprehensive laboratory, RDP is positioning itself as a leader in accelerating Alberta's energy transition goals. This work also directly supports RDP's institutional objectives of achieving net-zero energy by 2031 and net-zero carbon by 2041. The early results from current projects demonstrate the scale of potential impact.

Other applied research projects leveraging the campus environment include studies on the implementation of cold climate heat pumps, the solar Data Sharing Alliance which analyzes and shares data gathered from partner systems across Alberta, and an ambitious HVAC initiative looking to transition the polytechnic's building systems to a demand-based control strategy.

Regarding the HVAC project, Dr. Wolfe notes, "We anticipate a substantial reduction in electricity usage, potentially up to 40 per cent and a 25 per cent decrease in natural gas consumption."

This further highlights how applied research translates into measurable progress towards RDP's goals. The Campus Energy Living Lab serves not only as a training ground for the workforce of the future, but as a tangible blueprint for resilient, affordable, and reliable energy infrastructure. ◆

Risk is highest

Alberta Construction Safety Association
youracsa.ca

Why worker transitions demand more attention

Injury risk in construction does not rise evenly. It spikes during transition — when workers are new to a company, site, crew, or system, including large industrial and energy projects. WCB Alberta claims data shows more than half of Alberta construction injuries occur during transition, regardless of age or experience.

The most common injuries include being struck by an object and back injuries. Falls to lower levels are the costliest, nearly half involving ladders.

First-year workers who are injured are often in their 20s and early 30s, but they span every age group.

"This isn't just about inexperience, but transition," says Mark Hoosein, CEO of the Alberta Construction Safety Association (ACSA).

What the ACSA is describing is not a demographic group, but a risk window. Injury risk increases during periods of transition — when workers are new to a company, site, crew, or system. Claims data shows this risk spike affects workers of all ages and experience levels, and makes time with an employer a more reliable indicator of risk than industry tenure.

Why first-year workers are getting hurt

Insights from new and returning workers point to a common pattern: time pressures that limit pre-job briefings and supervision, and crew cultures where unsafe shortcuts get normalized. In complex worksites with multiple contractors and overlapping responsibilities, these pressures often increase.

"We're not talking about a type of worker. We're talking about a point in time where risk increases," says Hoosein. "When people are new to a company or site, supervision, habits, and expectations matter."

Crew-centred solutions that work

Through on-site conversations with crews, the ACSA heard a consistent message: early supervision and clear expectations matter most during transition. Crews said safety improved when leaders slowed down early and reinforced habits daily.

Those insights helped shape and strengthen the ACSA's 2026 campaign, including the Safety Showdown contest. Last year, more than 500 workers across 150 crews took part, with expanded team-based activities planned for 2026.

Those insights helped shape and strengthen the ACSA's 2026 campaign, including the Safety Showdown contest. Last year, more than 500 workers across 150 crews took part, with expanded team-based activities planned for 2026.

What helps reduce first-year worker injuries in practice

First-year worker safety improves when leaders and crews treat the early months as a planned risk window, not an informal ramp-up. Small, consistent actions during transition make the biggest difference.

- Supervisors and managers: Set expectations early and correct techniques before unsafe shortcuts take hold.
- Experienced workers: Encourage questions and step in early when something looks off.
- Trainers: Reinforce learning on-site and adjust coaching as conditions change.
- Health and safety representatives: Track early activities and near misses to focus follow-up where risk is highest.
- The crew: Reinforce expectations daily and speak up about small issues early.

When employers and crews focus on these early actions and pay attention to outcomes, accountability improves, disruption decreases, and injury risk declines.

Get involved

In May, the ACSA will continue supporting injury prevention efforts through Crew Brew site visits during Safety and Health Week (May 4–8, 2026). Learn more at yourACSA.ca/crewbrew.

The ACSA invites construction crews across Alberta to test their safety skills in the Safety Showdown online contest. Crews can win daily gift cards, weekly team lunches, and a grand prize luxury suite at a Calgary Flames or Edmonton Oilers regular-season game.

Stay tuned by subscribing to first-year.yourACSA.ca. New and returning workers can complete the ACSA's Construction Safety Training System (CSTS), a general construction site orientation, available free at yourACSA.ca/courses.

Be part of the solution. Go to firstyear.yourACSA.ca for more tools and information. ◆

WILLISTON BASIN PETROLEUM CONFERENCE

Canada set for spring 2027

In the spring of 2027, the WBPC again returns to Regina, with a renewed commitment to enhanced oil recovery research, plenary/ technical presentations, and important news from regulators, technical experts, and political leaders.

The WBPC tradeshow and adjacent workshops will also return in 2027.

The Williston Basin in one of those rarest of assets. A geological formation stretching across the mid-western portions of both the United States and Canada, it's remained an important economic driver for both countries. So much so that the Williston Basin Petroleum Conference – founded from humble beginning over 30 years ago – has flourished as an event that brings together Canadians, Americans, geologists, engineers, entrepreneurs, researchers, and political leaders.

It's not hard to see why. The basin itself is home to so many subsurface commodities beneath three different states (North and South Dakota, as well as Montana) and provinces (Manitoba, Saskatchewan, and Alberta), that the early focus solely on oil and gas has expanded to all kinds of economic opportunities.

The importance of the basin is reflected in the dual nature of the conference, with hosting the event alternating between Regina, Sask. (odd numbered years) and Bismarck, North Dakota (even numbered years), with each host city offering unique sets of adjacent events, workshops, and technical presentations.

In the spring of 2027, the WBPC again returns to Regina, with a renewed commitment to enhanced oil recovery research, plenary/ technical presentations, and important news from regulators, technical experts, and political leaders. The tradeshow also returns, with reasonably priced booths and networking opportunities.

Adjacent workshops, including The Dr. Don Kent Core Workshop offered by the Saskatchewan Geological Society and a planned one-day session on enhanced oil recovery (EOR) technology at the PTRC's Energy Innovation Hub, are also in the works.

For more information about WBPC 2027, visit wbpc.ca. Booth and individual registration begin in late 2026. Follow us for updates as additional news about the conference, including finalized dates and events, become available at our LinkedIn page: www.linkedin.com/showcase/76566819/. ◆

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JOHN BROOKS

Fort Garry Fire Trucks' vehicles are engineered to handle the extreme challenges of Canada's energy heartland, from winter temperatures plunging below -40°C to intense summer heat and rugged terrain that tests every component.

Inset: Fort Garry Fire Trucks is Canada's oldest and largest manufacturer of firefighting apparatus, delivering more than 100 custom-built rigs annually.

Engineered tough for Alberta's demands

At Fort Garry Fire Trucks, our motto is "One Tough Truck". In Alberta's demanding oil and gas industry, that toughness isn't optional—it's essential. Our vehicles are engineered to handle the extreme challenges of Canada's energy heartland, from winter temperatures plunging below -40°C to intense summer heat and rugged terrain that tests every component.

Fort Garry Fire Trucks is Canada's oldest and largest manufacturer of firefighting apparatus, delivering more than 100 custom-built rigs annually. While we proudly supply equipment to every province across the country, Alberta's energy sector remains a core focus of our business. From wildfire response in remote regions to industrial firefighting at oil sands facilities, our trucks are trusted to perform when conditions are at their most demanding.

Our engineering team specializes in designing apparatus for the harshest operating environments. With more than 130 product lines and over 10,000 customizable options, we provide Alberta's oil and gas operators with solutions tailored to their specific risk profiles and operational needs. Whether it's high-capacity pumping systems, all-terrain mobility, or advanced safety and monitoring technologies, every Fort Garry truck is built to meet the rigorous expectations of the energy sector.

We manufacture a comprehensive range of vehicles, including rescue units, pumpers, tankers, and aerial ladder platforms. Our full-framed aluminum extruded bodies, constructed from 5083 marine-grade aluminum, deliver exceptional durability in corrosive and abrasive environments such as those found in Alberta's oil sands. These robust designs ensure long service life and dependable performance in remote locations where downtime is simply not an option.

Our Crusader pumpers and tankers are particularly well suited for industrial firefighting applications. Featuring form-framed body structures made from 5052 marine-grade aluminum, these units offer optimized storage layouts, low centres of gravity, and superior maneuverability. With tank capacities ranging from 1,500 to 3,000 imperial gallons, they provide critical water supply in areas where municipal infrastructure may be limited or unavailable.

Fort Garry Fire Trucks also delivers highly customizable rescue solutions, including walk-in rescues, command rescues, and walk-around rescue

Left: With more than 130 product lines and over 10,000 customizable options, FGFT provides Alberta's oil and gas operators with solutions tailored to their specific risk profiles and operational needs.

Inset: Whether protecting critical infrastructure or responding to emergencies in Alberta's most challenging environments, Fort Garry Fire Trucks delivers the reliability, safety, and performance energy operators depend on.

units. These vehicles are designed to support rapid, effective response across expansive industrial sites. From high-output scene lighting to advanced command and communication systems, our team works closely with customers to develop configurations that support both operational efficiency and responder safety.

In 2025, Fort Garry Fire Trucks reached several important milestones that further strengthen our ability to serve Alberta's energy sector. We are proud to be an awarded manufacturer through Sourcewell, providing eligible organizations with a streamlined, cooperative purchasing pathway that simplifies procurement while maintaining full customization and engineering integrity. This partnership reinforces our commitment to transparency, value, and long-term customer support.

We have also expanded into a new, purpose-built facility, significantly enhancing our service department and increasing our capacity for new apparatus builds. This investment allows us to reduce lead times, expand service capabilities, and better support fleets throughout their entire lifecycle—from initial specification through decades of frontline service.

At Fort Garry Fire Trucks, we don't just build apparatus, we build partnerships. Our consultative approach ensures that every rig is engineered around the realities our customers face. This collaborative process, which may span weeks or months, results in equipment that is ready for the demands of Alberta's oil and gas industry from day one.

For more than a century, we have upheld a commitment to quality, innovation, and resilience. Whether protecting critical infrastructure or responding to emergencies in Alberta's most challenging environments, Fort Garry Fire Trucks delivers the reliability, safety, and performance energy operators depend on.

Fort Garry Fire Trucks: Built for Alberta. Built to last. ◆

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Alberta operators can cut methane and boost efficiency with Surepoint

Alberta's oil and gas operators have a unique chance to reduce methane emissions and improve operational performance through Emissions Reduction Alberta's (ERA) Methane Reduction Deployment Program. With funding covering up to 50 per cent of eligible project costs up to $1 million per project, the program helps producers act decisively while lowering financial risk.

Methane is a powerful greenhouse gas, 28 times more potent than CO_2, over a century making reductions critical for environmental responsibility and industry leadership. ERA supports proven solutions, including engine optimization, tank venting controls, surface casing vent flow capture, pneumatics electrification, and other innovative technologies. With program support, operators can implement these systems with confidence and demonstrate tangible results.

As an approved ERA contractor, Surepoint helps operators navigate every step: from identifying eligible technologies to completing applications and implementing projects. Our team works closely with producers to ensure solutions meet both regulatory and operational goals, delivering measurable methane reductions without sacrificing efficiency or profitability.

Participating in the program does more than cut emissions. Operators gain a competitive edge, strengthen market access, and align with investor and regulatory expectations. It also signals leadership, joining a growing group of Alberta producers proving that energy production can be responsible and reliable. With applications open until funding is fully allocated or March 31, 2029—there's no better time to act.

Surepoint brings hands-on expertise across a wide range of technologies ensuring projects not only comply with ERA requirements, but also deliver long-term cost savings and operational efficiency. Our guidance maximizes the impact of both the program and the operator's investment.

Operators ready to act can select Surepoint as their contractor through the ERA portal, gaining a trusted partner to guide the project from planning to execution. With Surepoint, methane reduction becomes strategic, measurable, and financially smart.

Talk to our team today to start cutting emissions, improving efficiency, and taking full advantage of Alberta's Methane Reduction Deployment Program. ◆

Still Paying Full Price for Methane Reduction?

ERA May Cover HALF the Cost

How Alberta Operators Are Reducing Methane Without Blowing Capital Budgets

Methane emissions aren't just an environmental challenge they're an operational cost. Alberta's ERA Methane Reduction Deployment Program provides up to 50% funding per project, giving you the opportunity to reduce emissions, improve efficiency, and position your operations for the future.

Partner with Surepoint to design, deploy, and secure funding for proven methane-cutting technologies under ERA's Deployment Program.

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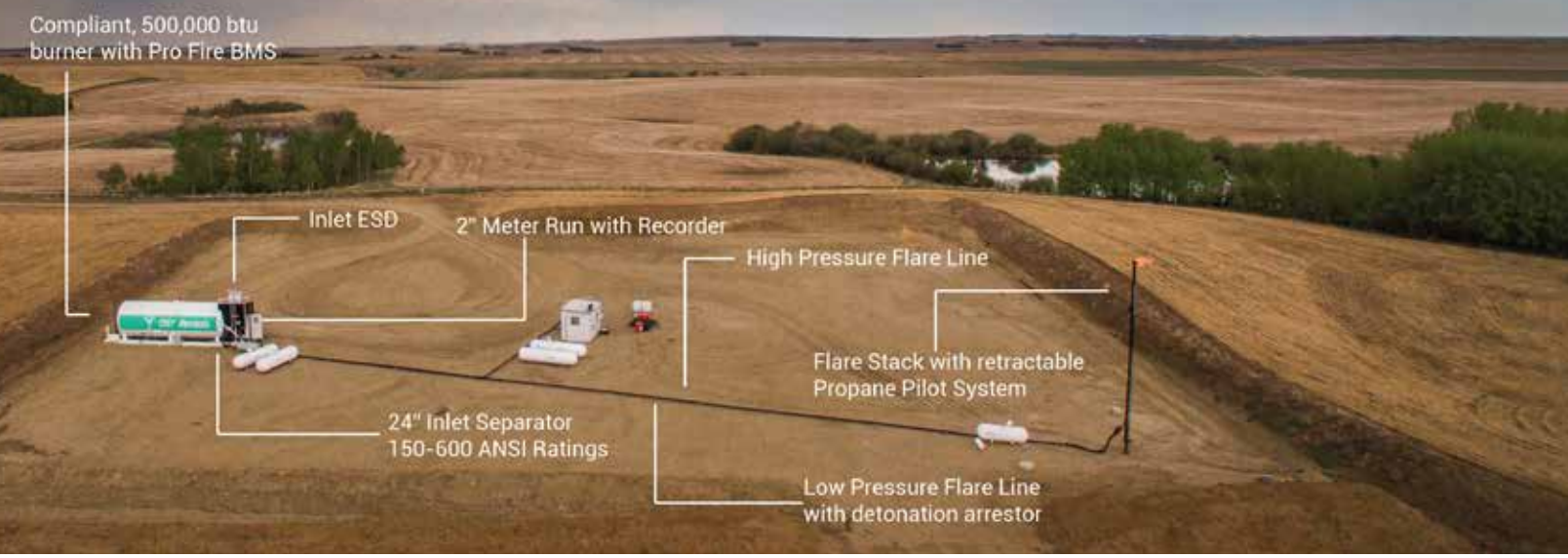

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