

Brilliant Energy Institute

Office of the Vice President, Research and Innovation

Ontario Tech University

BEI Energy News

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BEI News

Hydrogen Energy Workshop



<https://research.ontariotechu.ca/discover-research/iaea-collaborating-centre/hydrogen-workshop-apr-2025/index.php>

The Brilliant Energy Institute at Ontario Tech University is hosting a two-day Hydrogen Energy Workshop on Saturday and Sunday, April 26-27, 2025. Experts with over 80 years of combined experience will lead in-depth sessions on hydrogen technology and its applications. This two-day seminar is tailored for professionals and students in the field, featuring case studies and interactive discussions to deepen your understanding of hydrogen's role in the energy transition.

Ontario Tech News

Hydrogen sector development: are we really on the right track? - The Hill Times

https://ontariotech.slack.com/files/U06JJTU7469/F08KPETHPC2/the_hill_times.pdf?origin_team=T2S0UFF2M&origin_channel=D07MVM1EJPM

Canada's hydrogen sector holds significant promise but faces challenges around high production costs, limited infrastructure, and regulatory barriers, writes Ontario Tech University Professor Ibrahim Dincer. Strategic government policies, targeted investment, and collaboration between public and private sectors are key to establishing Canada as a global hydrogen leader. Canada risks falling behind international competitors already advancing their hydrogen markets. Dincer urges policymakers to prioritize clear regulations and funding commitments to capitalize on this opportunity.

Indigenous

Canada pledges \$11 million for Indigenous clean energy – Canada's National Observer

<https://www.nationalobserver.com/2025/03/25/news/canada-pledges-indigenous-clean-energy>

The federal government announced \$11 million for Indigenous clean-energy projects to reduce diesel dependence in remote communities. Funding from the Clean Energy for Rural and Remote Communities program will support initiatives involving solar energy, biomass, and energy efficiency upgrades across six provinces and territories. Experts caution that transitioning away from diesel is complex, highlighting logistical challenges and the importance of community leadership. Continued investment and capacity-building are key to ensuring long-term success and energy sovereignty for Indigenous communities.

Energy Systems

N.L. government looking to sell idle Buchans energy plant – CBC

<https://www.cbc.ca/news/canada/newfoundland-labrador/nl-buchans-plant-growler-energy-1.7487332>

The Newfoundland and Labrador government is considering selling the idle Buchans hydroelectric plant, which has been inactive since 2014, to Growler Energy, a renewable energy firm. Growler CEO Robert Woolgar says the existing infrastructure makes the site appealing and that energy generation could be doubled or tripled. A feasibility study and community consultations will precede any finalized agreement, potentially returning the plant to operation by 2028. The province views the deal as a beneficial step toward meeting growing energy demands while avoiding costly decommissioning.

Energy Policy

Members Named to Energy, Regulatory and Appeals Boards – Government of Nova Scotia

<https://news.novascotia.ca/en/2025/03/26/members-named-energy-regulatory-and-appeals-boards>

Nova Scotia has appointed new members to the newly created Energy Board and Regulatory and Appeals Board, replacing the existing Utility and Review Board effective April 1. Stephen McGrath will chair both boards, with Julia Clark, Darlene Willcott, and Marc Dunning joining to provide specialized legal and engineering expertise. The boards will oversee utilities, focusing on affordability and environmental considerations while managing appeals and regulatory issues. The province says these appointments will help advance Nova Scotia's clean energy transition with transparency and accountability.

Owner of oil well near Cold Lake, Alta., blames 60,000-litre crude oil spill on vandalism – CBC

<https://www.cbc.ca/news/canada/edmonton/owner-of-oil-well-near-cold-lake-alta-blames-60-000-litre-crude-oil-spill-on-vandalism-1.7493988>

Check Energy Ltd. says vandalism caused a 60,000-litre crude oil spill from its well near Cold Lake, Alta., on March 22. The Alberta Energy Regulator confirmed the spill but reported no impact on wildlife, and remediation efforts have been completed. Alberta RCMP is investigating but has yet to verify vandalism as the cause. Check Energy is cooperating fully with authorities to address the situation.

Tariff pain brings hope of eventual gain for Canada's green sectors – Financial Post

<https://financialpost.com/commodities/energy/electric-vehicles/tariff-hope-gain-canada-green-sector>

Tariffs from the U.S.-Canada trade war will hurt immediate decarbonization efforts but will provide future opportunities for Canada's growing green sectors. While new levies threaten integrated auto and steel industries, experts suggest higher tariffs will boost electric vehicle production, offering a competitive edge over traditional vehicles. Canada's lower-carbon aluminum and steel sectors could also benefit by seeking new international markets. Canada's commitment to sustainability could position it to capitalize as U.S. climate policies stall under Trump.

B.C. energy minister says treaty not a 'bargaining chip' in U.S. trade dispute – Toronto Star

https://www.thestar.com/news/canada/british-columbia/b-c-energy-minister-says-treaty-not-a-bargaining-chip-in-u-s-trade-dispute/article_55881528-03a6-5d2a-9485-587c25b8ad0f.html

B.C. Energy Minister Adrian Dix says the Columbia River Treaty will not be a "bargaining chip" amid U.S.-Canada trade tensions, countering recent claims by President Trump about controlling Canadian water exports. Dix clarified the U.S. independently manages water flowing into its territory, dismissing Trump's description of Canada having a "giant faucet." Negotiations to modernize the 1961 treaty continue, despite Trump's administration pausing the talks for review. Dix emphasized ongoing efforts to update the treaty fairly and collaboratively, benefiting both countries.

UK Could Cover Half of Its Energy Needs With Local Oil and Gas – OilPrice.com

<https://oilprice.com/Latest-Energy-News/World-News/UK-Could-Cover-Half-of-Its-Energy-Needs-With-Local-Oil-and-Gas.html>

Offshore Energies UK reports that the UK could meet half of its energy needs domestically through North Sea oil and gas production . The industry could yield up to six billion barrels of oil equivalent by 2050 if provided favourable business conditions, generating substantial economic value. Despite the Starmer government's previous commitments against new oil exploration, recent moves indicate support for expanding production via tiebacks to existing fields. Industry leaders stress domestic production is crucial for energy security and economic growth.

Do you have any milestones, events, or news updates to share with the energy community? Email your submission to BrilliantEnergy@ontariotechu.ca for consideration in an upcoming edition.

Thank you.

The Brilliant Energy Institute News Team
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(With a little help from ChatGPT)