

Brilliant Energy Institute

Office of the Vice President Research and Innovation

Ontario Tech University

BEI Energy News

Weekly newsletter

November 15, 2024

Top News

Renewables

Sitansisk First Nation, Quebec company partner in wind farm proposal - CBC

<https://www.cbc.ca/news/canada/new-brunswick/sitansisk-plans-wind-farm-florenceville-1.7378518>

Sitansisk First Nation has partnered with Quebec-based wind energy company Eolectric to propose a 50-megawatt wind farm near Florenceville-Bristol, adding to Carleton County's renewable energy developments. Project details will be presented at a public meeting and a separate meeting for Sitansisk community members. The site north of Glassville could connect to a substation in Beechwood, supporting local clean energy goals. This proposal comes as J.D. Irving, Limited (JDI) plans a larger wind farm nearby.

Nuclear

Ignace and NWMO welcome Greens' nuclear policy change - NWO News Watch

<https://www.nwonevnewsatoh.com/local-news/ignace-and-nwmo-welcome-greens-nuclear-policy-change-9791545>

The Green Party of Ontario has dropped its opposition of nuclear power, and that has energized advocates for a nuclear waste repository in Northwestern Ontario. Advocates for the Nuclear Waste Management Organization's project say this shift could aid Canada's climate goals, while local officials in Ignace, one of two potential host communities, are encouraged by the increased support for nuclear energy. Both Ignace and South Bruce have shown community support for the project, though local First Nations are still weighing in. The NWMO expects construction to begin by 2034 if a site is selected.

US unveils plan to triple nuclear power by 2050 as Demand Soars - Bloomberg

<https://www.bloomberg.com/news/articles/2024-11-12/cop29-us-has-plan-to-triple-nuclear-power-as-energy-demand-soars>

The United States has introduced a roadmap to triple its nuclear energy capacity by 2050, aiming to add 200 gigawatts to meet increasing electricity demands from sectors such as data processing. The plan seeks to establish new reactors, restart plants, and upgrade existing infrastructure, with a goal of 35 gigawatts within the next decade. Addressing challenges like skilled labour shortages and regulatory updates, the framework outlines steps to accelerate

nuclear technology deployment, including measures to streamline licensing and bolster domestic nuclear manufacturing and supply chains. This initiative supports international climate goals and positions the U.S. as a contributor to global nuclear advancements.

Oil and Gas

Trafigura signs long-term natural gas offtake deal with Canada's NuVista Energy - Reuters

<https://www.reuters.com/markets/deals/trafigura-signs-long-term-natural-gas-offtake-deal-with-canadas-nuvista-energy-2024-11-08/>

Trafigura has signed a long-term agreement to buy natural gas from Calgary-based NuVista Energy, giving the Canadian producer access to the global liquefied natural gas market for the first time. Starting in 2027, NuVista will supply 21,000 metric million British thermal units of natural gas daily to Trafigura at prices linked to the Japan Korea Marker (JKM), the main LNG benchmark in Asia. The deal comes as Canadian gas prices face challenges and continues a trend of Montney-region producers increasing LNG market exposure, with recent agreements from Tourmaline Oil and ARC Resources.

CNOOC launches production of the Long Lake NW project in Canada - Energy News

<https://energynews.pro/en/cnooc-launches-production-of-the-long-lake-nw-project-in-canada/>

CNOOC Ltd. has started production at its Long Lake Northwest project in Alberta using Steam-Assisted Gravity Drainage (SAGD) technology to extract oil sands. The project, operated by CNOOC Petroleum North America, is expected to peak at 8,200 barrels per day by 2025. The new site includes a main well and four pipelines, boosting CNOOC's position in North America while meeting Canadian regulatory standards. As CNOOC expands its energy portfolio, it is focused on reducing the environmental impacts tied to SAGD technology.

Energy Policy

'We're incredibly responsible': Enbridge Gas president dismisses Canada's emissions cap - The Narwhal

<https://thenarwhal.ca/enbridge-gas-president-energy-regulations/>

The president of Enbridge Gas told investors and policymakers in Toronto that Canada's complex regulatory environment risks deterring energy investments, especially in natural gas. Highlighting Bill C-59, aimed at curbing greenwashing, and a proposed cap on oil and gas emissions, she called for streamlined regulations to promote growth. Defending natural gas as a key energy resource, she called for balanced policies and clearer frameworks to attract future investment.

Multilateral banks are key to financing the fight against global warming. Here is how they work - Toronto Star

https://www.thestar.com/news/world/multilateral-banks-are-key-to-financing-the-fight-against-global-warming-here-is-how-they/article_253817f1-6bbb-5911-82c2-e3cc6393e299.html

As countries struggle with the costly impacts of climate change, multilateral banks have emerged as a vital source of funding for climate projects in developing nations. With resources to finance resilience projects and help shift from fossil fuels to renewable energy, these banks, including the World Bank, offer low-interest loans that make adaptation and green energy

development feasible for less affluent countries. Despite an increasing focus on climate-friendly financing, the banks have faced criticism for still funding fossil fuel projects, which some argue contradicts the climate goals. At the upcoming COP29 summit in Azerbaijan, leaders will discuss how to boost global climate financing to meet the growing demand for sustainable investments.

**New Hitachi Energy boss powers ahead as green transition boosts business -
Canada's National Observer**

<https://www.nationalobserver.com/2024/11/12/news/hitachi-energy-boss-power-grid-green-transition-business>

Hitachi Energy's new CEO, Andreas Schierenbeck, is steering the global power technology giant through rapid growth and supply chain strains as it invests heavily in clean energy technology, including a \$140-million upgrade at its Varennes, Quebec, hub. Schierenbeck, visiting Canada, highlighted the company's commitment to supporting projects like the Champlain Hudson Power Express, which will deliver renewable energy to New York City. As the world electrifies industries and grids to reduce emissions, Schierenbeck is optimistic about renewables but stresses that storage technology is vital to manage the variability of clean energy.

*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)