

# Brilliant Energy Institute

Office of the Vice President Research and Innovation

Ontario Tech University

## BEI Energy News

Weekly newsletter

September 13, 2024

### Top News

#### Energy Policy

##### **Cenovus Energy gifts \$2.5M toward Saskatchewan Polytechnic, Joseph A. Rемаi Saskatoon Campus - Education News Canada**

<https://educationnewscanada.com/article/education/level/colleges/2/1099980/cenovus-energy-gifts-2-5m-toward-saskatchewan-polytechnic-joseph-a-remai-saskatoon-campus.html>

Cenovus Energy donated \$2.5 million to Saskatchewan Polytechnic. The funds support the Time to Rise campaign for the Joseph A. Rемаi Saskatoon Campus. The chemical technology, power engineering, and instrumentation engineering labs will be renamed the Cenovus Energy Labs. This donation helps build a new, modern learning environment.

##### **Energy reform in the spotlight as Quebec legislature returns for fall session - CBC**

<https://www.cbc.ca/news/canada/montreal/quebec-legislature-returns-consultations-energy-bill-69-1.7318005>

Quebec's fall legislative session began with a focus on energy reform. Bill 69 aims to update Hydro-Québec and increase electricity production, emphasizing renewable energy. The goal is to help the province reach carbon neutrality by 2050. The bill was introduced earlier this year, and public hearings will begin soon.

#### Wind Energy

##### **Canada: Buffalo Plains wind farm connected to the Alberta grid - energy news (Paywall)**

<https://energynews.pro/en/canada-buffalo-plains-wind-farm-connected-to-the-alberta-grid/>

Copenhagen Infrastructure Partners (CIP) has connected the Buffalo Plains wind farm to the Alberta grid. Turbine installation began in April 2024, with over a third of the 83 turbines installed. The completed project will have a capacity of 495 MW, providing enough electricity to power approximately 240,000 homes. Siemens Gamesa is supplying the wind turbines, while Borea Construction is managing the project. The wind farm will be fully operational by the end of 2024. CIP is developing other renewable energy projects across North America.

##### **Nova Scotia bill would kick-start offshore wind industry without approval from Ottawa - Global News**

<https://globalnews.ca/news/10745570/nova-scotia-bill-offshore-wind-industry/>

Nova Scotia plans to begin its offshore wind industry in 2025. The province aims to develop five gigawatts of offshore wind power by 2030. A new bill will help the province move forward with these plans. Some groups are raising concerns about environmental impacts. The bill also includes changes to other laws, such as increasing fines for burning during fire bans and favoring local businesses in government contracts.

## Nuclear

### **Orano USA to build a multibillion-dollar uranium enrichment facility in eastern Tennessee - City News Everywhere**

<https://halifax.citynews.ca/2024/09/05/orano-usa-to-build-a-multibillion-dollar-uranium-enrichment-facility-in-eastern-tennessee/>

Orano USA will build a uranium enrichment facility in Oak Ridge, Tennessee. The facility will be 750,000 square feet and create 300 jobs. Orano USA is seeking federal support and a license from the U.S. Nuclear Regulatory Commission. Local and state governments will each contribute \$5 million for site preparations. The project follows U.S. legislation aimed at expanding domestic nuclear fuel production.

## Thermal Energy

### **What's the deal with thermal energy networks? - Canadian Climate Institute**

<https://climateinstitute.ca/what-deal-thermal-energy-networks/>

Thermal energy networks are becoming an important part of Canada's energy system. According to the Canadian Climate Institute's recent report Heat Exchange, these networks use underground pipes to distribute heat to buildings. Examples include Markham's gas-powered energy system and Toronto's Deep Lake Water Cooling. They can use different energy sources, including renewable ones. The networks can use various energy sources, including renewables, and are efficient, helping to reduce emissions. Governments are encouraged to plan for their development.

## Critical Minerals

### **Canada begins process to impose tariffs on Chinese batteries, critical minerals - Globe and Mail (Pay Wall)**

<https://www.theglobeandmail.com/business/article-canada-mulls-surtax-on-chinese-critical-mineral-products-batteries/>

Canada has begun the process of imposing tariffs on Chinese batteries and critical minerals. A consultation period has begun following a decision in August to increase tariffs on electric vehicles from China. A 30-day review will evaluate the need for tariffs on batteries, semiconductors and other clean energy goods. These measures would align with similar actions taken by the United States. China has filed a complaint to the World Trade Organization and started a review of Canadian canola imports.

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

Thank you.

The Brilliant Energy Institute news team

[brilliantenergyinstitute.ca](http://brilliantenergyinstitute.ca)

*(With a little help from ChatGPT)*