

Brilliant Energy Institute

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Energy Policy

Will Stewart: The legacy of Mike Harris' energy deregulation - National Post

<https://nationalpost.com/opinion/the-lasting-legacy-of-mike-harris-energy-deregulation>

Will Stewart's latest book delves into the electricity market reforms spearheaded by former Ontario Premier Mike Harris. The changes, implemented in 1995, introduced competition and restructured the province's electricity system. This included the creation of Ontario Power Generation and Hydro One. The reforms aimed to increase efficiency and reduce public debt in the energy sector. These changes have had lasting impacts on how electricity is managed and distributed in Ontario.

Nuclear

Canadian budget aims to streamline nuclear licensing process - World Nuclear News

<https://www.world-nuclear-news.org/Articles/Canadian-budget-aims-to-streamline-nuclear-licensi>

The 2024 Federal Budget, presented by Deputy Prime Minister Chrystia Freeland, focuses on nuclear energy to achieve net-zero emissions. It includes tax credits and strategic funds to speed up nuclear project reviews to three years. The budget allocates CAD 3.1 billion starting in 2025 to support nuclear science and environmental efforts. This funding will help build Canada's first grid-scale small modular reactor, set for operation by 2029 at Ontario's Darlington site.

Building Infrastructure

Province to refurbish electricity generating plants in Niagara Region for \$1 billion - Toronto Star (Paywall)

https://www.thestar.com/news/ontario/province-to-refurbish-electricity-generating-plants-in-niagara-region-for-1-billion/article_1c45cd87-263b-58fe-bad8-fb82b22fb167.html

Ontario plans to spend \$1 billion to refurbish hydroelectric stations in Niagara Falls. The project will extend the life of the Sir Adam Beck Complex's stations by 30 years. Starting in 2025, Ontario Power Generation and a General Electric subsidiary will upgrade to 25 units. This work is part of Ontario's effort to increase electricity production as demand grows. The refurbishment will take 15 years and will help supply power for decades.

Renewables

Increasing renewable energy development to create more conflicts between environmental values - Global News

<https://globalnews.ca/news/10419265/alberta-renewable-energy-environment-debate/>

In Alberta, the push for renewable energy is leading to conflicts over environmental concerns. The Aira solar project, designed to add 450 megawatts of clean electricity to the grid, is opposed due to its potential impact on antelope migration and local grasslands. Additionally, a biodigester project near High River, which aims to convert manure into natural gas, is experiencing resistance from residents worried about odors and its proximity to homes. The Alberta Utilities Commission is actively involved,

attempting to balance these environmental and residential concerns. Alberta is reviewing and adjusting regional land-use plans to manage conflicts and advance its sustainable energy future.

Bjorn Lomborg: Why solar and wind power aren't winning - Financial Post

<https://financialpost.com/opinion/why-solar-wind-power-arent-winning#:~:text=Solar%20and%20wind%20power's%20unreliable,it%20makes%20electricity%20more%20expensive>

Solar and wind energy are often promoted as the most affordable electricity sources. However, their dependence on weather conditions introduces significant hidden costs. These sources require backup systems, typically fossil fuels, to provide power when the sun isn't shining, or the wind isn't blowing. This necessity increases the overall cost and complexity of integrating solar and wind into the power grid. As a result, experts are calling for enhanced research and development efforts to improve the reliability and cost-effectiveness of renewable energy technologies.

Oil and Gas

Wildfire sparked by rupture on TC Energy's NGTL gas pipeline under control; investigation continues - The Globe and Mail (Paywall)

A wildfire in west-central Alberta caused by a ruptured natural gas pipeline is under control. The fire, which covered 10 hectares near Edson, started after a pipeline owned by TC Energy Corp. ruptured. There were no injuries, and the fire did not threaten any communities. The pipeline has been isolated, and gas leakage stopped. Investigations by the Canada Energy Regulator and the Transportation Safety Board are ongoing and may take months to years to complete.

Indigenous and Community Engagement

Feds invests \$13.9M for Indigenous-led projects in mining, clean energy sectors - Global News

<https://globalnews.ca/video/10337103/feds-invests-13-9m-for-indigenous-led-projects-in-mining-clean-energy-sectors/>

The government of Canada is investing \$13.9 million in Indigenous-led projects in the mining and clean energy sectors. The funding is allocated through the Indigenous Natural Resource Partnerships Program, which focuses on advancing development in these sectors. The federal investment includes \$10.4 million for seven mining projects and an additional \$3.5 million from the Critical Minerals Infrastructure Fund. This funding will support knowledge sharing, engagement, and capacity building in Indigenous communities.