



WIND ENERGY IN NOVA SCOTIA AT A GLANCE



Nova Scotia is proving itself a leader in the development of wind energy – creating local jobs, driving local investments, while helping the province create a cleaner, stronger and affordable electricity system.

The world's first Community Feed-in Tariff (COMFIT) program is part of Nova Scotia's Renewable Electricity Plan, which sets out a detailed path to move Nova Scotia away from carbon-based electricity sources. By supporting the development and ownership of local renewable energy projects the COMFIT program allows communities to participate directly in the province's clean energy efforts.

As a responsible industry, CanWEA is committed to ensuring every Nova Scotian has the most up-to-date factual information they need to make informed choices about their energy future.

See over to learn more!



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DID YOU KNOW?

WIND ENERGY IN NOVA SCOTIA

- Nova Scotia has **317 MW of wind energy capacity**, with **176 turbines**.
- **Wind power accounted for about 7 per cent of electricity produced in the province in 2011**, up from 3.2 per cent the year before.
- Nova Scotia consumes over 12,000 GWh of electricity per year, with almost 80 per cent of it generated using imported coal, petroleum coke, or fuel oil.
- Last year, about 17 per cent of the province's electricity came from renewable sources.
- The Nova Scotia government passed a law requiring utilities to supply **25 per cent of electricity from renewable sources by 2015**. On top of this law, the government has a target of **40 per cent renewable electricity by 2020**.

COMMUNITY FEED-IN TARIFF PROGRAM

- The province launched Canada's first Community Feed-in Tariff (COMFIT) program in September 2011 to help meet its targets.
- To be eligible for the COMFIT, projects must be community-owned and connected at the distribution level, meaning they will be typically less than 6 MW in size.

- **Fifty-two projects have been approved under the COMFIT program** totalling nearly 136.3 MW. Wind energy is the technology of choice in 46 projects totalling 129.4 MW.
- The price paid for wind energy under COMFIT varies according to size, with projects of 50 kW and smaller receiving 49.9¢/kWh and projects larger than 50 kW receiving 13.1¢/kWh.
- The province expects close to **200 MW of new renewable energy to be installed through COMFIT**.

RENEWABLE ELECTRICITY PLAN

- Nova Scotia's Renewable Electricity Plan calls for a minimum of 600 GWh of electricity to come from new industrial-sized renewable energy facilities.
- The initiatives laid out in the plan will result in a 1-2 per cent annual increase in electricity bills. By 2015, this would add an average of approximately \$10-20 annually to the average single family home's electricity bill.
- Over the long term **Nova Scotians will benefit from lower and more stable electricity rates** and will be better shielded from the volatile price swings of imported fossil fuel.

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