

Electricity Generation Production and Production Forecast

Canada's electricity production was over 600,000 GWh in 2005, of which more than 60% was from renewable sources. Production will grow to nearly 788,000 GWh annually by 2020.

In 2005, Canada's nuclear plants generated about 15% of Canada's electricity.

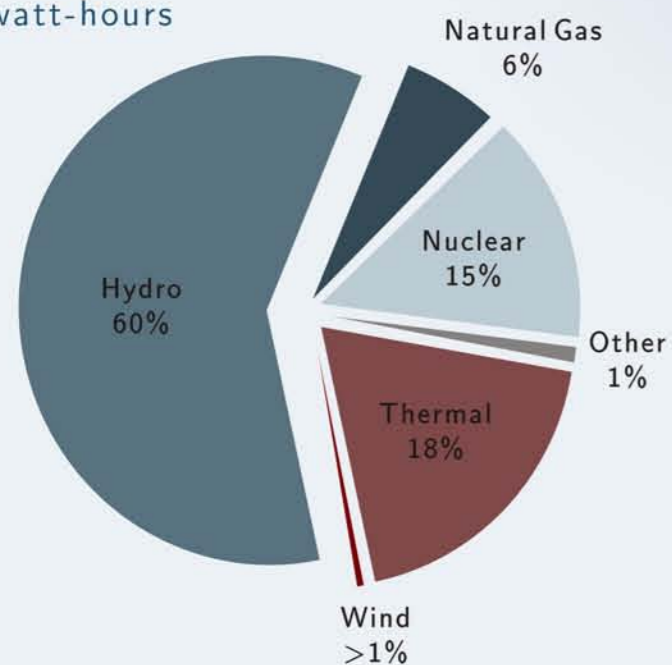
Canada is estimated to have technical potential for more than 40GW of wind power, 10GW of small hydro, 135GW of large hydro, 70GW of solar power, 3GW of tidal power and 10 to 16GW of wave energy.

As of July 2007, Canada's installed wind energy capacity was 1588 MW. Canada has the potential to source more than 20% of its electricity from wind power.

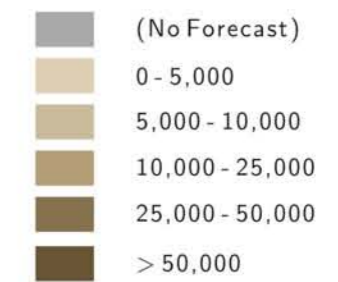
Commercial wind turbines exist in six provinces and the Yukon. Plans are underway for the development of turbines throughout the rest of Canada.

2005 CANADIAN ELECTRICITY GENERATION BY SOURCE

Gigawatt-hours



Production vs Forecasted (Change in GWh/yr)



..... Transmission Line
 (230kV voltage and greater with exception of Yukon, Northwest Territories and Nunavut - below 230kV)

