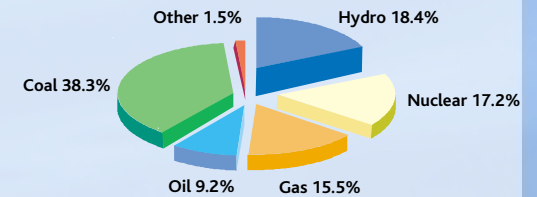


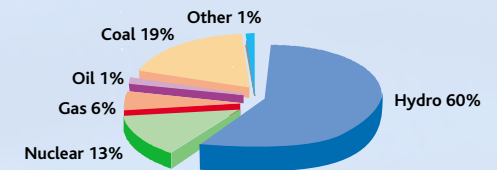
# Quick Facts

- Hydropower is the world's most important source of renewable energy in the world.
- More than 150 countries around the world generate hydropower. Nearly 20% of the world's electricity is produced by hydropower.
- Hydropower is the most important source of electricity in Canada. Over 60% of the electricity produced in Canada comes from the power of water.
- Canada is the world's biggest producer of hydropower generating 350 TWh/year. Leading the United States, Brazil, China and Russia, Canada produces more than 13% of the global output of hydropower.
- Every province in Canada, with the exception of Prince Edward Island, has some hydropower capacity.
- Provinces that produce the most hydropower are Quebec, British Columbia, Newfoundland and Labrador, Ontario and Manitoba. Together, they produce 97% of the total hydropower generation in Canada.
- Canada is the world's second largest exporter of electricity after France. In 1999, Canada exported 42,930 GWh of electricity. Over 65% of this exported electricity is generated by hydropower.
- There are 450 hydropower plants in Canada. 223 of these plants have a capacity of less than 10 MW. 227 hydro plants have a capacity of more than 10 MW.
- The installed capacity (production capacity) of all hydro plants in Canada is 66,955 MW (1998).
- Another 118,000 MW of hydropower, twice the amount currently in operation, could technically be developed.
- The per capita electricity consumption in the year 2000 was 17,635 kWh. This number represents 176,350 light bulbs burning all year round for each Canadian.
- The electricity sector, specifically the burning of fossil fuels such as coal, gas and oil to produce electricity, generates approximately 17% of all greenhouse gases in Canada.
- Hydropower is one of the electricity sources that generate the fewest greenhouse gases, i.e. 60 times less than coal-fired power plants and 18 times less than natural gas power plants.

World Electricity Supply by Source - 1997



Canadian Electricity Supply by Source - 1999



Source: Natural Resources Canada