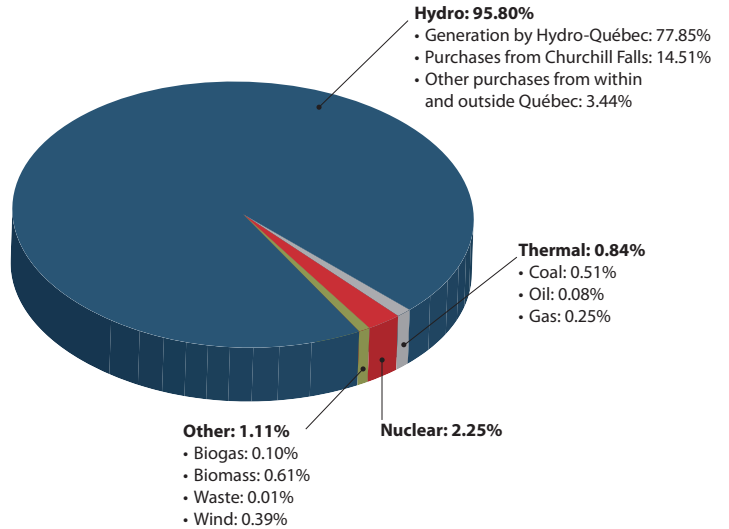


# HYDRO-QUÉBEC'S ELECTRICITY FACTS: Energy Supplies and Air Emissions

## HYDRO-QUÉBEC SOURCES OF ENERGY SUPPLY

Breakdown based on energy generated and purchased by Hydro-Québec (excluding off-grid generation): 12-month period ended December 31, 2008.



## AIR EMISSIONS

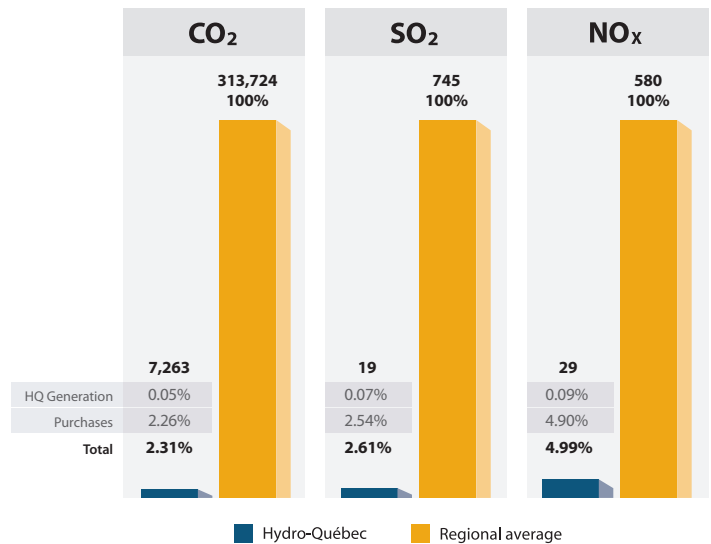
Corresponding to the generation and purchases described above.

- **CO<sub>2</sub>** (carbon dioxide): major contributor to global warming.
- **SO<sub>2</sub>** (sulfur dioxide): major precursor of acid rain and fine particulate matter.
- **NO<sub>x</sub>** (nitrogen oxides): major precursors of ground-level ozone and acid rain.

For more detailed information on the environmental impact of electricity generation, refer to Hydro-Québec's report *Sustainability Report – 2008*.

## COMPARISON OF HYDRO-QUÉBEC'S AIR EMISSIONS AGAINST THE REGIONAL AVERAGE\*

Emission factors: metric tonnes/TWh



\* Regional average for electric utilities in the six New England States and the State of New York (2005), Ontario (2007) and New Brunswick (2006-2007). Data sources: Emissions & Generation Resource Integrated Database (eGRID2007), version 1.1, January 2009, U.S. EPA; *Towards Sustainable Development 2007 Progress Report*, Ontario Power Generation; *New Brunswick Power Corporation 2006-2007 Annual Report*; *New Brunswick Power Corporation Environmental Performance Report 2006*.