



- ◆ Several Canadian companies have become major players in the international market. GE Hydro has a global product mandate for large hydro turbines and generators. Babcock & Wilcox is the world's leading manufacturer of replacement nuclear steam generators; and ABB Canada is specialized in specific types of transformers and other systems for the management and transmission of electricity.

Nuclear Power

- ◆ Canada has 60 years of experience in nuclear energy, a \$5 Billion industry in Canada employing 30,000 workers in over 150 firms.
- ◆ Canada is the world's number one producer of uranium with 1/3 of the global production. About 80% of uranium mined in Canada is exported.
- ◆ The Canadian-designed Canada Deuterium Uranium (CANDU) reactors safely provide clean electricity. There are 33 CANDU reactors completed in Canada, Argentina, Romania, Republic of Korea, Republic of China, India and Pakistan. Another reactor is currently under construction in Romania.
- ◆ Canada is currently developing an Advanced CANDU Reactor (ACR) to better respond to new economic expectations for low-cost nuclear generation with high capacity.

Hydro equipment and Services

- ◆ Canada has installed capacity of 69, 205 MW, producing more than 13% of global output of hydropower
- ◆ Canada's annual hydroelectricity energy production is greater than that of the United States, Brazil, China, Russia, Norway and Japan.
- ◆ Small hydro facilities generate up to 25 MW. Canada has over 100 years of experience and more than 230 small hydro plants having a total installed capacity of 996 MW.
- ◆ The Canadian small hydro industry includes more than 20 equipment manufacturers and nearly 70 engineering firms.
- ◆ The Canadian hydro industry encompasses a wide number of technologies, products and services including control systems, turbines, generators, generation and transmission components, refurbishment and rehabilitation and environmental services.