



Team CANDU® New Brunswick

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Team CANDU New Brunswick represents the world's leading nuclear technology and engineering companies that have joined together to provide a nuclear energy solution to meet the province's growing electricity needs. Team CANDU NB draws on the experience and expertise of **Atomic Energy of Canada Limited (AECL)**, **SNC-Lavalin Nuclear Limited (SLN)**, **Hitachi Canada Ltd (HCL)**, **GE Canada** and **Babcock and Wilcox**.

Beyond its nuclear industry expertise, Team CANDU NB relies heavily on the participation of its Associate Members who have endorsed homegrown CANDU nuclear technology and support its growth within the province. Current **Team CANDU NB Associate Members** include the Organization of CANDU Industries, Canadian Nuclear Workers' Council, the Asthma Society of Canada and The Canadian Building and Construction Trades Department (BCTD).

Becoming a Team CANDU NB Associate Member

Joining Team CANDU NB as an Associate Member will allow local organizations, both inside and outside the nuclear industry, to help shape the growing team dedicated to creating a Centre of Excellence for nuclear energy in New Brunswick.

Associate Membership provides the following benefits:

- ✓ Formal identification and logo placement (when applicable) as an Associate Member of Team CANDU;
- ✓ Information sharing related to CANDU research and development in the province,
- ✓ Information related to news and promotion of CANDU, and
- ✓ Founding partnership status in delivering the nuclear renaissance to New Brunswick.

As an Associate Member, no membership fee is required.

The History of CANDU in New Brunswick

New Brunswick is already at the forefront of nuclear energy, as the home of both the world's first CANDU 6 reactor (at Point Lepreau), and the center of excellence for Retubing – a part of the reactor refurbishment process performed at Point Lepreau to refurbish reactors in Argentina, South Korea and elsewhere around the globe. In operation since 1983, the Point Lepreau CANDU 6 reactor provides New Brunswick with 635 megawatts of electricity, 30 percent of its energy requirements.





AECL - Corporate Overview

Atomic Energy of Canada Limited (AECL) is a fully integrated nuclear technology and services company providing services to nuclear utilities worldwide. Currently, 48 Heavy Water Reactors, based on the CANDU design, are in operation, under construction, or under refurbishment on four continents. This represents upwards of 11% of total worldwide numbers in terms of existing nuclear reactors. Of these 48 reactors, 20 are located in Canada alone.

Why Team CANDU?

- ✓ **Reliability-** CANDU 6 is the best performing reactor type in the world based on a lifetime capacity factor. Six CANDU 6 reactors, in the last eleven years, have been designed, built & delivered on budget and on schedule.
- ✓ **Affordability-** CANDU is cost competitive when compared to alternatives such as wind, solar, coal, and other renewable resources;
- ✓ **Safe-** CANDU is modern technology that continually improves to meet international safety standards;
- ✓ **Public Support-** 52% of New Brunswick residents support new nuclear. (February 2007 Ipsos-Reid poll)
- ✓ **Clean-** CANDU's complete life cycle leaves small environmental footprint. Only hydro-electricity and nuclear are large-scale 'zero carbon' options, and;
- ✓ **Sustainable-** The next generation CANDU (ACR-1000) will provide safety enhancements, construction and cost reductions, and improved operations over existing CANDU 6 designs.

CANDU- 'One of the Canada's top ten engineering achievements of the past century'

Canadian Engineering Centennial, 1987

I fully support and endorse Team CANDU – New Brunswick and wish to be included as an Associate Member.

Date

Name (print)

Company

Signature

