

CANDU Reactors Around the World

The CANDU 6 power reactor offers a combination of proven and superior, [state-of-the-art technology](#). It was designed specifically for electricity production, unlike other major reactor types that evolved from other uses. This focused development is one of the reasons that CANDU has such high fuel efficiency.

CANDU 6 is AECL's 700 MWe class nuclear power reactor. The first CANDU 6 plants went into service in the early 1980s as leading-edge technology, and the design has continuously evolved since to maintain superior technology and performance.

It was licensed in the early 1980s in Canada, Argentina and the Republic of Korea. In 1996, Cernavoda Unit 1 was licensed in Romania, and Wolsong Unit 2 was licensed in Korea. Wolsong Units 3 and 4 were licensed in Korea in 1997 and 1999 respectively. Qinshan Units 1 and 2 were licensed in China in 2002 and 2003 respectively. In 2007, Cernavoda Unit 2 was licensed in Romania. These units came into service ahead of schedule and on budget. There are 11 CANDU 6 units in operation.

Québec, Canada	Gentilly 2	1 unit
Ontario, Canada	Darlington	4 units
Ontario, Canada	Pickering	8 units
Ontario, Canada	Bruce	8 units
New Brunswick, Canada	Point Lepreau	1 unit
Argentina	Embalse	1 unit
Romania	Cernavoda	2 units
Republic of Korea	Wolsong	4 units
People's Republic of China	Qinshan	2 units
India	RAPS	2 units
Pakistan	KANUPP	1 unit