

Nuclear Reactors in Canada

In 2009, 17 nuclear reactors provided 14.8% of Canada's electricity.

2009 Operating Reactors

• Pickering A (ON)	2 reactors	542 MW each	(Gross)
• Pickering B (ON)	4 reactors	540 MW each	(Gross)
• Darlington (ON)	4 reactors	934 MW each	(Gross)
• Bruce A (ON)	2 reactors	805 MW each	(Gross)
• Bruce B (ON)	1 reactor	845 MW	(Gross)
• Bruce B (ON)	3 reactors	872 MW each	(Gross)
• Gentilly-2 (QC)	1 reactor	675 MW	(Gross)

OPG's Five Year Safe Storage Project Completed in 2010

• Pickering A (ON)	Units 2 & 3	542 MW each	(Gross)
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3 CANDU Reactors Being Refurbished 2009

• Bruce A (ON)	Units 1 & 2	805 MW each	(Gross)
• Point Lepreau (NB)	1 reactor	680 MW	(Gross)

2 CANDU Reactors Returned to Service

• Pickering A (ON)	Unit 1	542 MW	(Gross)	2005
• Pickering A (ON)	Unit 4	542 MW	(Gross)	2003

CANDU Reactors in Canada 2009

Québec

Gentilly-2 1 unit

Ontario

Darlington 4 units

Pickering 8 units

Bruce 8 units

New Brunswick

Point Lepreau 1 unit

