

# CANDU Nuclear Reactor Performance

Reactor	In Service	Capacity (MWe)	Performance In 2009 (%)	Lifetime Performance (%)
Point Lepreau*	1983	680	–	76.8
Gentilly 2	1983	675	65.4	78.4
Wolsong 1*	1983	622	23.3	84.1
Wolsong 2	1997	730	94.8	93.6
Wolsong 3	1998	729	95.3	94.9
Wolsong 4	1999	730	92.5	96.0
Embalse	1984	648	98.8	85.4
Cernavoda 1	1996	706	100.1	89.1
Cernavoda 2	2007	705	90.6	93.8
Qinshan 4	2002	700	89.5	91.5
Qinshan 5	2003	700	93.4	89.9
Pickering A-1	1971	542	91.3	64.0
Pickering A-4	1973	542	36.5	65.7
Pickering B-5	1983	540	70.2	73.9
Pickering B-6	1984	540	77.8	77.8
Pickering B-7	1985	540	94.3	78.1
Pickering B-8	1986	540	91.8	76.7
Bruce A-1*	1977	805	–	N/A
Bruce A-2*	1977	805	–	N/A
Bruce A-3	1978	805	78.6	64.0
Bruce A-4	1979	805	74.7	62.9
Bruce B-5	1985	872	95.4	83.5
Bruce B-6	1984	872	84.6	80.8
Bruce B-7	1986	872	90.3	83.7
Bruce B-8	1987	872	75.3	82.7
Darlington 1	1992	934	89.7	84.1
Darlington 2	1990	934	87.9	77.5
Darlington 3	1993	934	74.0	85.4
Darlington 4	1993	934	89.2	86.2
<b>Total/Average</b>		<b>21,313</b>	<b>82.5</b>	<b>81.5</b>

Source : COG CANDU/PHWR, Performance Indicators, December 2009.

\*These reactors were under refurbishment during part or all of 2009.