

Table 16 · Status of Canadian Nuclear Fleet - PLEX and Expected Closures

Reactor	Operator	Grid Connection	Refurbishment <sup>(a)</sup> (Provisional Jan. 2020) <sup>(b)</sup>	Planned Closure	Licensed to <sup>(c)</sup>
Bruce-1	Bruce Power	1977	Restarted in 2012	2064	2028
Bruce-2		1976	Restarted in 2012		
Bruce-3		1977	01/03/23–11/12/26 (01/01/23–30/06/26)		
Bruce-4		1978	01/01/25–31/12/27		
Bruce-5		1984	01/10/26–29/09/29 (01/07/26–30/06/29)		
Bruce-6		1984	17/01/20–08/09/23 <sup>(d)</sup> (01/01/20–19/10/23)		
Bruce-7		1986	01/07/28–30/06/31		
Bruce-8		1987	01/10/30–30/09/33 (01/07/30–30/06/33)		
Darlington-1	OPG	1990	15/02/22–17/04/25 (15/10/21–15/12/24)	2055	2025
Darlington-2		1990	10/16–06/20 <sup>(e)</sup>		
Darlington-3		1992	30/07/20–07/07/23 <sup>(f)</sup> (15/02/20–15/06/23) <sup>(g)</sup>		
Darlington-4		1993	19/07/23–01/08/26 (01/05/23–31/05/26)		
Pickering-1	OPG	1971		End 2024 <sup>(h)</sup>	2028 <sup>(i)</sup>
Pickering-4		1973		End 2024 <sup>(h)</sup>	
Pickering-5		1982		30/09/2026 <sup>(i)</sup>	
Pickering-6		1983		30/09/2026 <sup>(i)</sup>	
Pickering-7		1984		30/09/2026 <sup>(i)</sup>	
Pickering-8		1986		30/09/2026 <sup>(i)</sup>	
Point Lepreau	NB Power	1982	03/2008–03/2012 <sup>(k)</sup>	2044–2045 <sup>(l)</sup>	2032

Sources: Compiled by WNISR, from IESO, Operators, CNSC, 2024

Notes: **OPG** = Ontario Power Generation.

**a** - IESO, "Annual Planning Outlook - Ontario's electricity system needs: 2025-2050", March 2024, see <https://www.ieso.ca/-/media/Files/IESO/Document-Library/planning-forecasts/apo/Mar2024/2024-Annual-Planning-Outlook.pdf>, accessed 11 April 2024.

**b** - IESO, "Annual Planning Outlook - A view of Ontario's electricity system needs", January 2020, see <http://www.ieso.ca/-/media/Files/IESO/Document-Library/planning-forecasts/apo/Annual-Planning-Outlook-Jan2020.pdf?la=en>, accessed 1 August 2020.

**c** - As listed on Canadian Nuclear Safety Commission's (CNSC) website for each station, as of 26 June 2024.

Bruce: <https://www.cnsccsn.gc.ca/eng/reactors/power-plants/nuclear-facilities/bruce-nuclear-generating-station/index.cfm>;

Darlington: <https://www.cnsccsn.gc.ca/eng/reactors/power-plants/nuclear-facilities/darlington-nuclear-generating-station/index.cfm>;

Pickering: <https://www.cnsccsn.gc.ca/eng/reactors/power-plants/nuclear-facilities/pickering-nuclear-generating-station/index.cfm>;

Point Lepreau: <https://www.cnsccsn.gc.ca/eng/reactors/power-plants/nuclear-facilities/point-lepreau-nuclear-generating-station/index.cfm>.