

Table 23 · Status of Canadian Nuclear Fleet - PLEX and Expected Closures

Reactor	Operator	Grid Connection	Refurbishment ^(a) (Provisional Jan. 2020) ^(b)	Planned Closure	Licensed to ^(c)
Bruce-1	Bruce Power	1977	Restarted in 2012	2064	2028
Bruce-2		1976	Restarted in 2012		
Bruce-3		1977	01/03/23–03/06/26 ^(d) (01/01/23–30/06/26)		
Bruce-4		1978	31/01/2025–21/12/27 (01/01/25–31/12/27)		
Bruce-5		1984	01/10/26–05/09/29 (01/07/26–30/06/29)		
Bruce-6		1984	16/01/20–08/09/23 ^(e) (01/01/20–19/10/23)		
Bruce-7		1986	01/10/28–06/09/31 (01/07/28–30/06/31)		
Bruce-8		1987	01/10/30–05/09/33 (01/07/30–30/06/33)		
Darlington-1	OPG	1990	14/02/22–02/12/24 (15/10/21–15/12/24)	2055	30/11/2045
Darlington-2		1990	10/16–06/20 ^(f)		
Darlington-3		1992	30/07/20–17/07/23 ^(g) (15/02/20–15/06/23) ^(h)		
Darlington-4		1993	19/07/23–13/03/26 ⁽ⁱ⁾ (01/05/23–31/05/26)		
Pickering-5	OPG	1982	30/09/26–01/05/31 (30/09/26–01/12/30) ^(j)	Expected Lifetime Extension for up to 30 years ^(k)	2028 ^(l)
Pickering-6		1983	30/09/26–01/07/32 (30/09/26–01/06/32) ^(j)		
Pickering-7		1984	30/09/26–17/04/33 (30/09/26–17/07/33) ^(j)		
Pickering-8		1986	30/09/26–31/07/34 (30/09/26–31/08/34) ^(j)		
Point Lepreau	NB Power	1982	03/2008–03/2012	2044–2045 ^(m)	June 2032

Sources: compiled by WNISR with IESO, Operators and CNSC, 2026

Notes and references

OPG: Ontario Power Generation.

(a) – Unless otherwise mentioned, IESO, “Annual Planning Outlook - Ontario’s Electricity System Needs: 2027-2050”, March 2026, see <https://www.ieso.ca/-/media/Files/IESO/Document-Library/planning-forecasts/apo/2026/2026-Annual-Planning-Outlook.pdf>, accessed 21 July 2026.(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 21 July 2026.

Bruce: <https://www.cnscccsn.gc.ca/eng/reactors/power-plants/bruce-nuclear-generating-station/>;Darlington: <https://www.cnscccsn.gc.ca/eng/reactors/power-plants/darlington-nuclear-generating-station/>;Pickering: <https://www.cnscccsn.gc.ca/eng/reactors/power-plants/pickering-nuclear-generating-station/>;Point Lepreau: <https://www.cnscccsn.gc.ca/eng/reactors/power-plants/point-lepreau-nuclear-generating-station/>.(d) – Bruce-3 was reconnected to the grid in June 2026; see Bruce Power, “Renewed Unit 3 Returns to Service Ahead of Schedule as Bruce Power’s Strong Performance to Deliver Approximately \$150 Million Back to Ontario Ratepayers”, 8 June 2026, see <https://www.brucepower.com/2026/06/08/renewed-unit-3-returns-to-service-ahead-of-schedule-as-bruce-powers-strong-performance-to-deliver-approximately-150-million-back-to-ontario-ratepayers/>, accessed 21 July 2026.(e) – Refurbishment of Bruce-6 was completed in September 2023; see Bruce Power, “Bruce Power’s Unit 6 Connected to Ontario’s Electricity Grid Following Major Component Replacement Outage”, 8 September 2023, see <https://www.brucepower.com/2023/09/08/bruce-powers-unit-6-connected-to-ontarios-electricity-grid-following-major-component-replacement-outage/>, accessed 26 June 2024.