

Table 9 · Official Reactor Closures Post-3/11 in Japan (as of 1 July 2023)

Operator	Reactor	Capacity MW	Startup Year	Closure Announcement ^(a) dd/mm/yy	Official Closure Date ^(b) dd/mm/yy	Last Production	Age ^(c)
TEPCO	Fukushima Daiichi-1 (BWR)	439	1970	-	19/04/12	2011	40
	Fukushima Daiichi-2 (BWR)	760	1973	-	19/04/12	2011	37
	Fukushima Daiichi-3 (BWR)	760	1974	-	19/04/12	2011	36
	Fukushima Daiichi-4 (BWR)	760	1978	-	19/04/12	2011	33
	Fukushima Daiichi-5 (BWR)	760	1977	19/12/13	31/01/14	2011	34
	Fukushima Daiichi-6 (BWR)	1 067	1979	19/12/13	31/01/14	2011	32
	Fukushima Daini-1 (BWR)	1 067	1981	31/07/19	30/09/19	2011	30
	Fukushima Daini-2 (BWR)	1 067	1983	31/07/19	30/09/19	2011	28
	Fukushima Daini-3 (BWR)	1 067	1984	31/07/19	30/09/19	2011	26
	Fukushima Daini-4 (BWR)	1 067	1986	31/07/19	30/09/19	2011	24
KEPCO	Mihama-1 (PWR)	320	1970	17/03/15	27/04/15	2010	40
	Mihama-2 (PWR)	470	1972	17/03/15	27/04/15	2011	40
	Ohi-1 (PWR)	1 120	1977	22/12/17	01/03/18	2011	34
	Ohi-2 (PWR)	1 120	1978	22/12/17	01/03/18	2011	33
KYUSHU	Genkai-1 (PWR)	529	1975	18/03/15	27/04/15	2011	37
	Genkai-2 (PWR)	529	1980	13/02/19	13/02/13	2011	31
SHIKOKU	Ikata-1 (PWR)	538	1977	25/03/16	10/05/16	2011	35
	Ikata- 2 (PWR)	538	1981	27/03/18 ^(d)	27/03/18	2012	30
JAEA	Monju (FBR)	246	1995	12/2016 ^(e)	05/12/17	LTS ^(f) since 1995	-
JAPC	Tsuruga -1 (BWR)	340	1969	17/03/15	27/04/15	2011	41
CHUGOKU	Shimane-1 (PWR)	439	1974	18/03/15	30/04/15	2010	37
TOHOKU	Onagawa-1 (BWR)	498	1983	25/10/18	21/12/18 ^(g)	2011	27
TOTAL: 22 Reactors /15,5 GWe							

Sources: JAIF and JANSI, compiled by WNISR, 2023

Notes: This table only lists the 22 reactors closed after the Fukushima accidents, thus not including the Fugen Advanced Thermal Reactor (ATR), Japan Power Demonstration Reactor (JPDR), as well as Hamaoka-1 & -2 (Chubu Electric Power) and Tokai-1 (JAPCo).

BWR: Boiling Water Reactor; **PWR:** Pressurized Water Reactor; **FBR:** Fast Breeder Reactor; **LTS:** Long-Term Shutdown.

JAPC: Japan Atomic Power Company; **JAEA:** Japan Atomic Energy Commission

(a) – Unless otherwise specified, all announcement dates from JANSI, “Licensing status for the Japanese nuclear facilities”, Japan Nuclear Safety Institute, 26 February 2020, see

, accessed 27 July 2020.

(b) – Unless otherwise specified, all closure dates from individual reactors’ page via JAIF, “NPPs in Japan”, Japan Atomic Industrial Forum, see <http://www.jaif.or.jp/en/npps-in-japan/>, as of 27 July 2020.

(c) – Note that WNISR considers the age from first grid connection to last production day.

(d) – WNN, “Shikoku decides to retire Ikata 2”, *World Nuclear News*, 27 April 2018, see <http://www.world-nuclear-news.org/C-Shikoku-decides-to-retire-Ikata-2-2703184.html>, accessed 22 July 2018.

(e) – *The Mainichi*, “Japan decides to scrap trouble-plagued Monju prototype reactor”, 21 December 2016, see <http://mainichi.jp/english/articles/20161221/p2g/oom/odm/050000c>, accessed 21 December 2016.

(f) – The Monju reactor was officially in Long-Term Shutdown or LTS (IAEA-Category Long Term Shutdown) since December 1995. Officially closed in 2017.

(g) – The decision to close the reactor was announced in October 2018.