Current Status of Nuclear Power Plants in Japan

as of November 9, 2026, JAIF

	Owner	Plant Name	Reactor Type	Output MWe	Commercial Operation	Age	Current Status	Review on Conformity to the New Regulatory Requirements			Note
								Application by operator	Official approval by NRA	Restart of commercial operation	
OP	JAPC	TOKAI-2	BWR	1,100	1978	47	Outage（2011.03.11～）	2014.05.20	2018.09.26		NRA approved a beyond 40-year operating license for Tokai-2 on November 7, 2018. Work on safety measures including the installation of specialized safety facility (SSF) will be completed in December 2026.
		TSURUGA-2	PWR	1,160	1987	39	Outage（2011.05.07～）	2015.11.05	Not permitted by NRA (2024.11.13)		On August 28, 2024, NRA approved a draft of a review report regarding a safety examination of Tsuruga-2, saying the reactor does not meet regulatory standards.
	Hokkaido EPC	TOMARI-1	PWR	579	1989	37	Outage（2011.04.22～）	2013.07.08			
		TOMARI-2	PWR	579	1991	35	Outage（2011.08.26～）	2013.07.08			
		TOMARI-3	PWR	912	2009	16	Outage（2012.05.05～）	2013.07.08	2025.07.30		Hokkaido EPC aims to restart Tomari-3 as early as possible in 2027. The Hokkaido governor conveyed his willingness to accept the restart of Tomari Unit 3 to the METI minister on December 18, 2025.
	Tohoku EPC	ONAGAWA-2	BWR	825	1995	31	Operable	2013.12.27	2020.02.26	2024.12.26	NRA approved long-term facility management plans for Onagawa-2 on July 9, 2025. It was shut down on January 14, 2026, for a periodic inspection. It resumed power generation on May 20, 2026. It started commercial operation on June 9, 2026. Onagawa-2 was shut down on October 17, 2026, due to inspection of the high-pressure No.1 feedwater heater (B) water quality relief valve. Restart began on October 26, 2026.
		ONAGAWA-3	BWR	825	2002	24	Outage（2011.03.11～）				
		HIGASHIDORI-1	BWR	1,100	2005	20	Outage（2011.02.06～）	2014.06.10			The ending date of work on safety measures is undecided.
	TEPCO	KASHIWAZAKI KARIWA-1	BWR	1,100	1985	41	Outage（2011.08.06～）				
		KASHIWAZAKI KARIWA-2	BWR	1,100	1990	36	Outage（2007.07.05～）				
		KASHIWAZAKI KARIWA-3	BWR	1,100	1993	33	Outage（2007.07.16～）				
		KASHIWAZAKI KARIWA-4	BWR	1,100	1994	32	Outage（2007.07.16～）				
		KASHIWAZAKI KARIWA-5	BWR	1,100	1990	36	Outage（2012.01.25～）				
		KASHIWAZAKI KARIWA-6	ABWR	1,356	1996	30	Outage（2012.03.26～）	2013.09.27	2017.12.27	2026.04.16	Fuel loading was completed on June 21, 2025. TEPCO filed an application for the restart of Kashiwazaki-Kariwa-6 on December 24, 2025. Restart began on February 9, 2026. It resumed power generation on February 16, 2026. Restart was suspended while the generating equipment was investigated. Restart began on March 22, 2026. and started commercial operation on April 16,2026.
		KASHIWAZAKI KARIWA-7	ABWR	1,356	1997	29	Outage（2011.08.23～）	2013.09.27	2017.12.27		Fuel loading was completed on April 26, 2024. A Series of checks of the soundness of major equipment was carried out by June 12, 2024. TEPCO started to remove fuel from October 21, 2025.
	Chubu EPC	HAMAOKA-3	BWR	1,100	1987	39	Outage（2010.11.29～）	2015.06.16			
		HAMAOKA-4	BWR	1,137	1993	33	Outage（2011.05.13～）	2014.02.14			
		HAMAOKA-5	ABWR	1,380	2005	21	Outage（2011.05.14～）				
	Hokuriku EPC	SHIKA-1	BWR	540	1993	33	Outage（2011.03.01～）				
		SHIKA-2	ABWR	1,358	2006	20	Outage（2011.03.11～）	2014.08.12			
	Kansai EPC	MIHAMA-3	PWR	826	1976	49	Operable	2015.03.17	2016.10.05	2021.07.27	NRA approved a beyond 40-year operating license for Mihama-3 on November 16,2016. SSF was available on July 28, 2022. NRA approved long-term facility management plans for Mihama-3 on March 27, 2025. Mihama-3 was manually shut down on May 8, for a periodic inspection. During the preparation for resuming power generation, Mihama-3 was manually shut down on September 18, 2026, for water dripping from the thermal insulation material around the air vent valve. Kansai EPC started up the reactor and resumed commissioning operation on October 10, 2026.
		TAKAHAMA-1	PWR	826	1974	51	Operable	2015.03.17	2016.04.20	2023.8.28	NRA approved a beyond 40-year operating license for Takahama-1 & -2 on June 20, 2016. SSF was available on July 14 and August 31, 2023, respectively. NRA approved long-term facility management plans for Takahama-1 on March 27, 2025, and Takahama-2 on November 4, 2025. Takahama-1 was shut down on September 6, 2025, for a periodic inspection. It resumed power generation on December 2, 2025, and started commercial operation on December 26, 2025. Takahana-2 was shut down on January 23, 2026, for a periodic inspection. It resumed power generation on June 21, 2026. It started commercial operation on July 16, 2026
		TAKAHAMA-2	PWR	826	1975	50	Operable	2015.03.17	2016.04.20	2023.10.16	
		TAKAHAMA-3	PWR	870	1985	41	Operable	2013.07.08	2015.02.12	2016.02.26	NRA approved a beyond 40-year operating license for Takahama-3 on May 29, 2023, and long-term facility management plans for Takahama-3 on January 17, 2024. SSF was available on December 11, 2020. Takahama-3 was shut down on April 7, 2026, for a periodic inspection.
		TAKAHAMA-4	PWR	870	1985	41	Operable	2013.07.08	2015.02.12	2017.06.16	NRA approved a beyond 40-year operating license for Takahama-4 on May 29, 2023, and long-term facility management plans for Takahama-4 on January 17, 2024. SSF was available on March 25, 2021. NRA approved a beyond 40-year operating license for Takahama-4 on May 29, 2025. Takahama-4 was shut down on June 18, 2025, for a periodic inspection. It resumed power generation on October 19, 2025, and started commercial operation on November 13, 2025.
		OHI-3	PWR	1,180	1991	34	Operable	2013.07.08	2017.05.24	2018.04.10	SSF was available on December 8, 2022. NRA approved long-term facility management plans for Ohi-3 on June 26, 2024. Ohi-3 was shut down on June 1, 2025, for a periodic inspection. It started to resume power generation on August 16, 2025 and started commercial operation on September 10, 2025. NRA approved long-term facility management plans for Ohi-3 on June 26, 2024. Ohi-3 was automatically shut down on August 8, 2026, with “Loss of Field” alarm. The cause of this event is currently under investigation.
		OHI-4	PWR	1,180	1993	33	Operable	2013.07.08	2017.05.24	2018.06.05	SSF was available on August 10, 2022. NRA approved long-term facility management plans for Ohi-4 on June 26, 2024. It was shut down on March 4, 2026, for a periodic inspection. It resumed power generation on May 28, 2026, and started commercial operation on June 22, 2026.
	Chugoku EPC	SHIMANE-2	BWR	820	1989	37	Operable	2013.12.25	2021.09.15	2025.01.10	NRA approved long-term facility management plans for Shimane-2 on May 21, 2025. It was shut down on February 9, 2026, for a periodic inspection. It resumed power generation on August 19, 2026, and started commercial operation on September 16, 2026.
	Shikoku EPC	IKATA-3	PWR	890	1994	31	Operable	2013.07.08	2015.07.15	2016.09.07	SSF was available on October 5, 2021. NRA approved long-term facility management plans for Ikata-3 on March 27, 2025. Ikata-3 was shut down on October 11, 2025. It resumed power generation on December 27, 2025, and started commercial operation on January 21, 2026.
	Kyushu EPC	GENKAI-3	PWR	1,180	1994	32	Operable	2013.07.12	2017.01.18	2018.05.16	SSF was available on December 5, 2022. NRA approved long-term facility management plans for Genkai-3 on March 5, 2025 It was shut down on June 30, for a periodic inspection. It resumed power generation on October 29, and start commercial operation on November 25, 2026
		GENKAI-4	PWR	1,180	1997	29	Operable	2013.07.12	2017.01.18	2018.07.19	SSF was available on February 2, 2023. Genkai-4 was shut down on July 27, 2025, for a periodic inspection. Due to the defect, the inspection process has been revised. It started to resume power generation on October 20, 2025. It started commercial operation on November 14, 2025.
		SENDAI-1	PWR	890	1984	42	Operable	2013.07.08	2014.09.10	2015.09.10	NRA approved a beyond 40-year operating license for Sendai-1 on November 1, 2023, and long-term facility management plans for Sendai-1 on November 29, 2024. SSF was available on November 11, 2020. Sendai-1 was shut down on October 16, 2025, for a periodic inspection. It resumed power generation on December 21, 2025, and started commercial operation on January 16,2025.
		SENDAI-2	PWR	890	1985	40	Operable	2013.07.08	2014.09.10	2015.11.17	NRA approved a beyond 40-year operating license for Sendai-2 on November 1, 2023. SSF was available on December 16, 2020. NRA approved long-term facility management plans for Sendai-2 on September 5, 2025. It was shut down on January 24, 2026, for a periodic inspection. It resumed power generation on March 30, 2026, and started commercial operation on April 28, 2026.

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	Total	33 units		33,083				25 units	18 units	15 units	

《Restart of shutdown NPPs》

- NRA (established on 2012.09.19) reviews the following applications by operators in conformity with new regulatory requirements (standards) which came into effect on 2013.07.08.
  - Changes in reactor installment license (After preliminary approval of draft review report, a month of public consultation will be normally conducted for official permission)/Plan for construction works (Construction Permit Application)/Operational safety programs (Technical Specification)
- In addition to the NRA approval of the above applications, inspections before & after reactor start-up (Pre-Operational Inspection) are required before resuming commercial operation. Consent of local governments is also required for restart (but is not legally binding).
- Takahama–3 &-4, Ikata-3 and Genkai-3 were granted restart permission by the regulator (NRA) based on the assumption of using MOX fuel.
- The new regulatory standard requires the installation of specialized safety facilities within 5 years of approval of the main construction plan. On April 24, 2019, NRA decided on a policy to shut down restarted reactors which do not meet the above requirement.
- Nuclear operator will be required to make a technical evaluation of reactor deterioration at the 30th year of operation and every ten years thereafter, and issue a long-term facility management plan.

	Owner	Plant Name	Reactor Type	Output MWe	Commercial Operation	Age	Current Status	Review on Conformity to the New Regulatory Requirements			Note
								Application by operator	Preliminary approval by NRA	Official approval by NRA	
UC	J-power	OHMA	ABWR	1,383	TBD	–	Under Construction	2014.12.16			Resumed construction on October 1, 2012.
	TEPCO	HIGASHIDORI-1	ABWR	1,385	TBD	–	Under Construction				Stopped construction after March 11, 2011.
	Chugoku EPC	SHIMANE-3	ABWR	1,373	TBD	–	Under Construction	2018.08.10			
	Total	3 units		4,141				2 unit			

	Owner	Plant Name	Reactor Type	Output MWe	Operation ended or Permanent shut down	Note
CD	JAEA	JPDR	BWR	12	1976.03.18	Decommissioning completed on April 31, 1996.
		FUGEN	ATR	165	2003.03.29	Decommissioning started on February 12, 2008, and to be completed in FY 2040.
	JAPC	TOKAI	GCR	166	1998.03.31	Decommissioning started in 2001, and to be completed in FY 2030.
	Chubu EPC	HAMAOKA-1	BWR	540	2009.01.30	Decommissioning started on November 18, 2009, and to be completed in FY 2042.
		HAMAOKA-2	BWR	840	2009.01.30	Decommissioning started on November 18, 2009, and to be completed in FY 2042.
	TEPCO	FUKUSHIMA Daiichi-1	BWR	460	2012.04.19	(Decommissioning to be completed 30-40 years after the cold shutdown in December 2011.)
		FUKUSHIMA Daiichi-2	BWR	784	2012.04.19	
		FUKUSHIMA Daiichi-3	BWR	784	2012.04.19	
		FUKUSHIMA Daiichi-4	BWR	784	2012.04.19	
		FUKUSHIMA Daiichi-5	BWR	784	2014.01.31	(Fukushima-Daiichi -5& -6 are be utilized effectively to decommission Fukushima-Daiichi -1,2,3 & 4.)
		FUKUSHIMA Daiichi-6	BWR	1,100	2014.01.31	(Fukushima-Daiichi -5& -6 are be utilized effectively to decommission Fukushima-Daiichi -1,2,3 & 4.)
	JAPC	TSURUGA-1	BWR	357	2015.04.27	Decommissioning to be completed in FY 2047.
	Kansai EPC	MIHAMA-1	PWR	340	2015.04.27	Decommissioning to be completed in FY 2045.
		MIHAMA-2	PWR	500	2015.04.27	Decommissioning to be completed in FY 2045.
	Kyushu EPC	GENKAI-1	PWR	559	2015.04.27	Decommissioning to be completed in FY 2054.
	Chugoku EPC	SHIMANE-1	BWR	460	2015.04.30	Decommissioning to be completed in FY 2049.
	Shikoku EPC	IKATA-1	PWR	566	2016.05.10	Decommissioning to be completed in FY 2056.
	JAEA	MONJU	FBR	280	2017.12.06*	Decommissioning to be completed in FY 2047.
	Kansai EPC	OHI-1	PWR	1,175	2018.03.01	Decommissioning to be completed in FY 2048.
		OHI-2	PWR	1,175	2018.03.01	Decommissioning to be completed in FY 2048.
	Shikoku EPC	IKATA-2	PWR	566	2018.05.23	Decommissioning to be completed in FY 2059.
	Tohoku EPC	ONAGAWA-1	BWR	524	2018.12.21	Decommissioning to be completed in FY 2053.
	Kyushu EPC	GENKAI-2	PWR	559	2019.04.09	Decommissioning to be completed in FY 2054.
	TEPCO	FUKUSHIMA Daini-1	BWR	1,100	2019.09.30	Decommissioning to be completed in FY 2064.
		FUKUSHIMA Daini-2	BWR	1,100	2019.09.30	Decommissioning to be completed in FY 2064.
		FUKUSHIMA Daini-3	BWR	1,100	2019.09.30	Decommissioning to be completed in FY 2064.
		FUKUSHIMA Daini-4	BWR	1,100	2019.09.30	Decommissioning to be completed in FY 2064.
	Total	27 units		17,880		*Date of Application for Decommissioning Plan Approval.

OP: In operation/Operable UC: Under construction CD: Closed down In general, Decommissioning means “Dismantlement” in Japan.

Based on public information released by each electric power company and Nuclear Regulation Authority (NRA)