

# Nuclear Power Plants in Japan (Plant Status before and after the Great East Japan Earthquake)

As of September 5, 2011, JAIF

\*Updates are underlined

Owner	Plant Name	Type of Reactor (Number of Loop)	Output MWe	Date of Commercial Operation	Plant Status before and after the 3-11 Earthquake	Plant Status as of May 16,2011	Date of Previous Restart*
JAPC	TOKAI-2 *	BWR-5	1100	1978.11.28	In operation→ <b>Automatic shutdown</b>	<b>Outage for periodical inspection (May 21, 2011 ~)</b>	
	TSURUGA-1	BWR-2	357	1970.03.14	Outage for periodical inspection (Jan.26, 2011~)	<b>Outage for periodical inspection (Jan. 26, 2011 ~)</b>	
	TSURUGA-2	PWR(4)	1160	1987.02.17	In operation	<b>Outage for periodical inspection (Aug. 29, 2011 ~)</b>	
Hokkaido EPCO	TOMARI-1	PWR(2)	579	1989.06.22	In operation	<b>Outage for periodical inspection (Apr. 22 ~)</b>	
	TOMARI-2	PWR(2)	579	1991.04.12	In operation	<b>Outage for periodical inspection (Aug. 26, 2011~)</b>	
	TOMARI-3	PWR(3)	912	2009.12.22	Test operation during periodical inspection (Jan.05~)	In operation (Aug. 17, 2011 Restart after periodical inspection)	
Tohoku EPCO	ONAGAWA-1 *	BWR-4	524	1984.06.01	In operation→ <b>Automatic shutdown</b>	<b>Automatic Shutdown (In cold shutdown)</b>	
	ONAGAWA -2 *	BWR-5 I	825	1995.07.28	Starting up after periodical inspection (Nov.06, 2010 ~) → <b>Automatic shutdown</b>	<b>Outage for periodical inspection (In cold shutdown)</b>	
	ONAGAWA -3 *	BWR-5 I	825	2002.01.30	In operation→ <b>Automatic shutdown</b>	<b>Automatic Shutdown (In cold shutdown)</b>	
	HIGASHIDORI-1 *	BWR-5 I	1100	2005.12.08	Outage for periodical inspection (Feb.06, 2011~)	<b>Outage for periodical inspection (Feb. 06, 2011 ~)</b>	
TEPCO	FUKUSHIMA Daiichi-1 *	BWR-3	460	1971.03.26	In operation→ <b>Automatic shutdown</b>	<b>Working towards restoration from the accident</b>	
	FUKUSHIMA Daiichi-2 *	BWR-4	784	1974.07.18	In operation→ <b>Automatic shutdown</b>	<b>Working towards restoration from the accident</b>	
	FUKUSHIMA Daiichi-3 *	BWR-4	784	1976.03.27	In operation→ <b>Automatic shutdown</b>	<b>Working towards restoration from the accident</b>	
	FUKUSHIMA Daiichi-4 *	BWR-4	784	1978.10.12	Outage for periodical inspection (Nov.30, 2010~)	<b>Working towards restoration from the accident</b>	
	FUKUSHIMA Daiichi-5 *	BWR-4	784	1978.04.18	Outage for periodical inspection (Jan.03, 2011~)	<b>Outage (In cold shutdown since Mar. 20, 2011)</b>	
	FUKUSHIMA Daiichi-6 *	BWR-5	1100	1979.10.24	Outage for periodical inspection (Aug.14, 2010~)	<b>Outage (In cold shutdown since Mar. 20, 2011)</b>	
	FUKUSHIMA Daini-1 *	BWR-5	1100	1982.04.20	In operation→ <b>Automatic shutdown</b>	<b>Outage (In cold shutdown since March 14, 2011)</b>	
	FUKUSHIMA Daini-2 *	BWR-5 I	1100	1984.02.03	In operation→ <b>Automatic shutdown</b>	<b>Outage (In cold shutdown since March 14, 2011)</b>	
	FUKUSHIMA Daini-3 *	BWR-5 I	1100	1985.06.21	In operation→ <b>Automatic shutdown</b>	<b>Outage (In cold shutdown since March 12, 2011)</b>	
	FUKUSHIMA Daini-4 *	BWR-5 I	1100	1987.08.25	In operation→ <b>Automatic shutdown</b>	<b>Outage (In cold shutdown since March 15, 2011)</b>	
	KASHIWAZAKI KARIWA-1	BWR-5	1100	1985.09.18	In operation	<b>Outage for periodical inspection (Aug.6, 2010 ~)</b>	
	KASHIWAZAKI KARIWA-2	BWR-5 I	1100	1990.09.28	Outage for periodical inspection (Chuetsu-oki Earthquake)	<b>Outage for periodical inspection (Chuetsu-oki Earthquake)</b>	
	KASHIWAZAKI KARIWA-3	BWR-5 I	1100	1993.08.11	Outage for periodical inspection (Chuetsu-oki Earthquake)	<b>Outage for periodical inspection (Chuetsu-oki Earthquake)</b>	
	KASHIWAZAKI KARIWA-4	BWR-5 I	1100	1994.08.11	Outage for periodical inspection (Chuetsu-oki Earthquake)	<b>Outage for periodical inspection (Chuetsu-oki Earthquake)</b>	
	KASHIWAZAKI KARIWA-5	BWR-5 I	1100	1990.04.10	In operation	In operation	Feb. 18, 2011
KASHIWAZAKI KARIWA-6	ABWR	1356	1996.11.07	In operation	In operation	Mar. 09, 2011	
KASHIWAZAKI KARIWA-7	ABWR	1356	1997.07.02	In operation	<b>Outage for periodical inspection (Aug.23, 2010 ~)</b>		
Chubu EPCO	HAMAOKA-3	BWR-5 I	1100	1987.08.28	Outage for periodical inspection (Nov.29, 2010~)	<b>Outage for periodical inspection (Nov.29, 2010 ~)</b>	
	HAMAOKA-4	BWR-5 I	1137	1993.09.03	In operation	<b>Shutdown on May 13, 2011 by the government request</b>	
	HAMAOKA-5	ABWR	1380	2005.01.18	In operation	<b>Shutdown on May 14, 2011 by the government request</b>	
Hokuriku EPCO	SHIKA-1	BWR-5 I	540	1993.07.30	Outage for equipment replacement (Mar.01, 2011~)	<b>Outage for equipment replacement (Mar.01, 2011 ~)</b>	
	SHIKA-2	ABWR	1206	2006.03.15	Outage for periodical inspection (Mar.11, 2011~)	<b>Outage for periodical inspection (Mar.11, 2011 ~)</b>	
Kansai EPCO	MIHAMA-1	PWR(2)	340	1970.11.28	Outage for periodical inspection (Nov.24, 2010~)	<b>Outage for periodical inspection (Nov.24, 2010 ~)</b>	
	MIHAMA-2	PWR(2)	500	1972.07.25	In operation	In operation	Nov. 19, 2010
	MIHAMA-3	PWR(3)	826	1976.12.01	In operation	<b>Outage for periodical inspection</b>	

						(May.14,2011~)	
	TAKAHAMA-1	PWR(3)	826	1974.11.14	Outage for periodical inspection (Jan.10, 2011~)	Outage for periodical inspection (Jan.10,2011~)	
	TAKAHAMA-2	PWR(3)	826	1975.11.14	In operation	In operation	Oct. 26, 2010
	TAKAHAMA-3	PWR(3)	870	1985.01.17	In operation	In operation	Jan. 21, 2011
	TAKAHAMA-4	PWR(3)	870	1985.06.05	In operation	Outage for periodical inspection ( July 21,2011~)	
	OHI-1	PWR(4)	1175	1979.03.27	Test operation for restart during periodical inspection(Dec.10, 2010~)	Outage for periodical inspection (Dec. 10, 2011~)	
	OHI-2	PWR(4)	1175	1979.12.05	In operation	In operation	Nov. 17, 2010
	OHI-3	PWR(4)	1180	1991.12.18	In operation	Outage for periodic inspection (Mar. 18, 2011~)	
	OHI-4	PWR(4)	1180	1993.02.02	In operation	Outage for periodical inspection ( July 22,2011~)	
Chugoku EPCO	SHIMANE-1	BWR-3	460	1974.03.29	Outage for periodical inspection (Nov.08, 2010~)	Outage for periodical inspection (Nov.08,2010~)	
	SHIMANE-2	BWR-5 I	820	1989.02.10	In operation	In operation	Dec. 28, 2010
Shikoku EPCO	IKATA-1	PWR(2)	566	1977.09.30	In operation	Outage for periodical inspection (Sept. 4, 2011~)	
	IKATA-2	PWR(2)	566	1982.03.19	In operation	In operation	Dec. 14, 2010
	IKATA-3	PWR(3)	890	1994.12.15	In operation	Outage for periodical inspection (Apr.29,2011~)	
Kyushu EPCO	GENKAI-1	PWR(2)	559	1975.10.15	In operation	In operation	Nov. 02, 2010
	GENKAI-2	PWR(2)	559	1981.03.30	Outage for periodical inspection (Jan.29, 2011~)	Outage for periodical inspection (Jan.29,2011~)	
	GENKAI-3	PWR(4)	1180	1994.03.18	Outage for periodical inspection (Dec.11, 2010~)	Outage for periodical inspection (Dec.11,2010~)	
	GENKAI-4	PWR(4)	1180	1997.07.25	In operation	In operation	Nov. 26, 2010
	SENDAI-1	PWR(3)	890	1984.07.04	In operation	Outage for periodical inspection ( May 10,2011~)	
	SENDAI-2	PWR(3)	890	1985.11.28	In operation	Outage for periodical inspection (Sept. 1, 2011~)	
Subtotal	54 units		48,960				
Owner	Plant Name	Type of Reactor (Number of Loop)	Output MWe	Date of Commercial Operation	Plant Status before and after the 3-11 Earthquake	Plant Status as of May 17,2011	

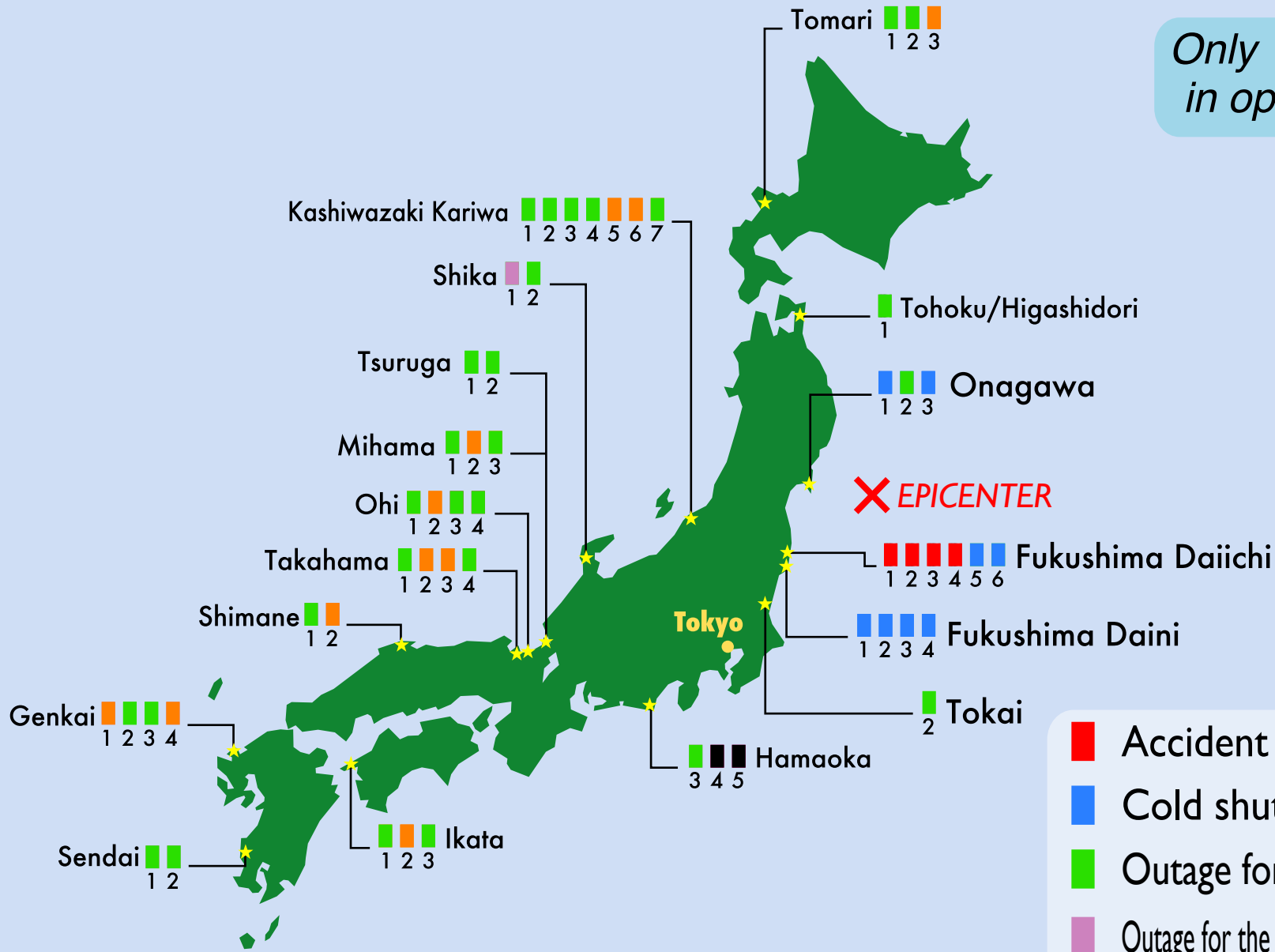
\* Plants affected by the Great East Japan Earthquake (M9.0) and Tsunami on March 11.

<NOTE> - BWR containment vessels: MARK-I (BWR-2、 BWR-3), MARK-I/II (BWR-4), MARK-II (BWR-5), Improved MARK -I/II (BWR-5), MARK-III (BWR-6), BWR-5 I= Improved BWR-5

- There is a regulation that the next periodical inspection (shutdown) must be conducted within 13 months after the previous restart.

# Current Status of the Nuclear Power Plants in Japan

*Only 11 units out of 54 are in operation as of Sept. 5.*



- Accident (affected by the tsunami)
- Cold shutdown (affected by the tsunami)
- Outage for the periodic inspection
- Outage for the inspection or the equipment replacement
- Shutdown due to the government request
- In operation

