

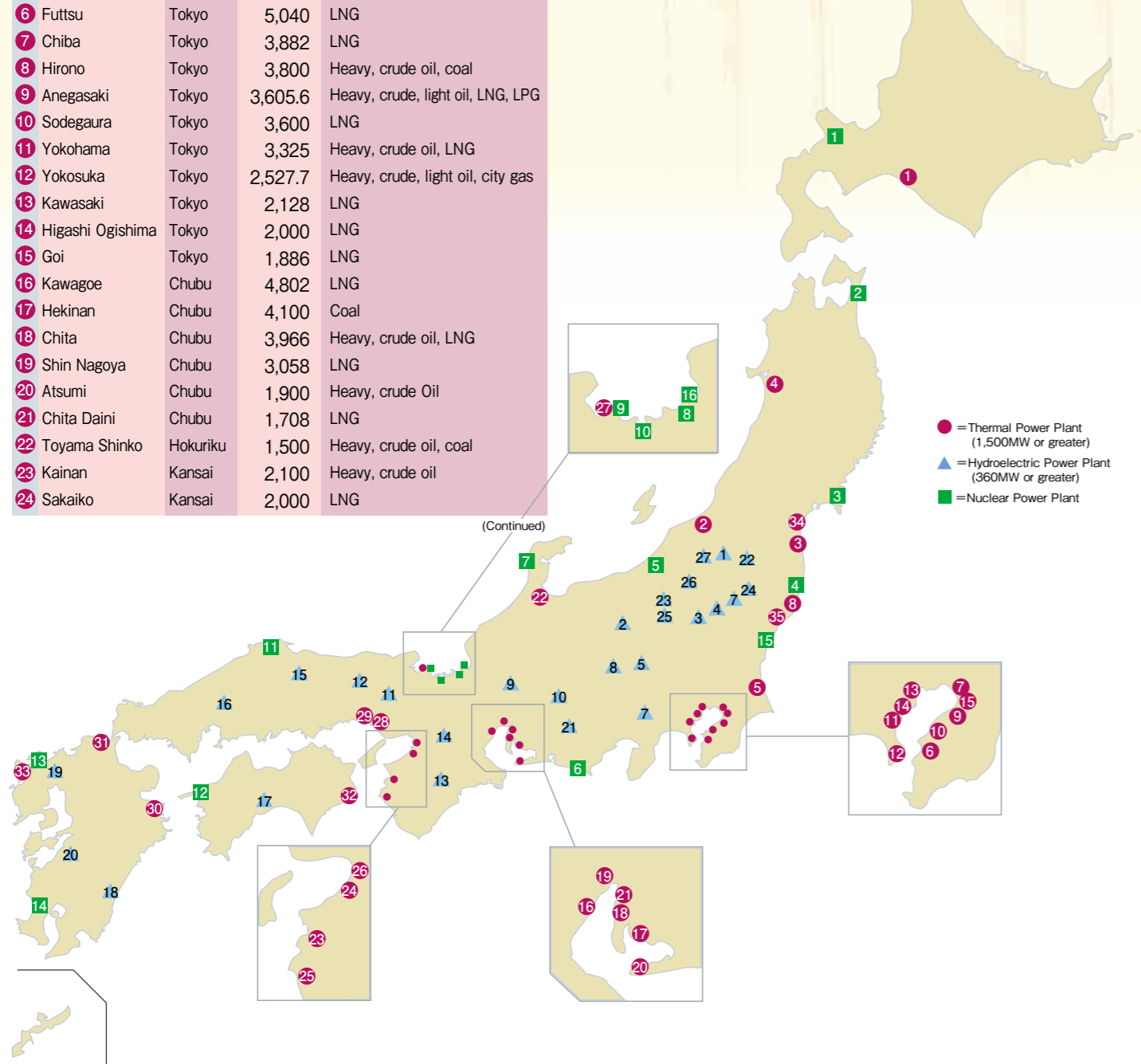
# Major Power Plants

Japan's electric power industry operates some 1,800 hydroelectric, thermal, nuclear, and other power plants to meet the required demand. Here is a list and map of the country's major power plants:

Principal Thermal Power Plants (1,500MW or greater)  
As of March 31, 2013

Name of Plant	Company	Installed Capacity (MW)	Fuel
1 Tomato-atsuma	Hokkaido	1,650	Coal
2 Higashi Niigata	Tohoku	5,203	LNG, heavy, crude, light oil, city gas
3 Haramachi	Tohoku	2,000	Coal
4 Akita	Tohoku	1,633	Heavy, crude, light oil
5 Kashima	Tokyo	5,204	Heavy, crude oil, city gas
6 Futtsu	Tokyo	5,040	LNG
7 Chiba	Tokyo	3,882	LNG
8 Hirono	Tokyo	3,800	Heavy, crude oil, coal
9 Anegasaki	Tokyo	3,605.6	Heavy, crude, light oil, LNG, LPG
10 Sodegaura	Tokyo	3,600	LNG
11 Yokohama	Tokyo	3,325	Heavy, crude oil, LNG
12 Yokosuka	Tokyo	2,527.7	Heavy, crude, light oil, city gas
13 Kawasaki	Tokyo	2,128	LNG
14 Higashi Ogishima	Tokyo	2,000	LNG
15 Goi	Tokyo	1,886	LNG
16 Kawagoe	Chubu	4,802	LNG
17 Hekinan	Chubu	4,100	Coal
18 Chita	Chubu	3,966	Heavy, crude oil, LNG
19 Shin Nagoya	Chubu	3,058	LNG
20 Atsumi	Chubu	1,900	Heavy, crude Oil
21 Chita Daini	Chubu	1,708	LNG
22 Toyama Shinko	Hokuriku	1,500	Heavy, crude oil, coal
23 Kainan	Kansai	2,100	Heavy, crude oil
24 Sakaiko	Kansai	2,000	LNG

Name of Plant	Company	Installed Capacity (MW)	Fuel
25 Gobo	Kansai	1,800	Heavy, crude oil
26 Nanko	Kansai	1,800	LNG
27 Maizuru	Kansai	1,800	Coal
28 Himeji Daini	Kansai	1,650	LNG
29 Himeji Daiichi	Kansai	1,507.4	LNG
30 Shin Oita	Kyushu	2,295	LNG
31 Shin Kokura	Kyushu	1,800	LNG
32 Tachibanawan	J-Power	2,100	Coal
33 Matsuura	J-Power	2,000	Coal
34 Shinchi	Soma JP	2,000	Coal
35 Nakoso	Joban JP	1,625	Heavy oil, coal



(Continued)

## Nuclear Power Plants

• In Operation

As of January 31, 2014

Name of Plant	Unit Number	Company	Installed Capacity (MW)	Type of Reactor	Start		
1 Tomari	1	Hokkaido	579	PWR	1989.6		
	2		579	PWR	1991.4		
	3		912	PWR	2009.12		
2 Higashi-Dori	1	Tohoku	1,100	BWR	2005.12		
	2		524	BWR	1984.6		
3 Onagawa	1	Tohoku	825	BWR	1995.7		
	2		825	BWR	2002.1		
	3		825	BWR	2002.1		
4 Fukushima Daini	1	Tokyo	1,100	BWR	1982.4		
	2		1,100	BWR	1984.2		
	3		1,100	BWR	1985.6		
	4		1,100	BWR	1987.8		
	5		1,100	BWR	1985.9		
	6		1,100	BWR	1990.9		
	7		1,100	BWR	1993.8		
5 Kashiwazaki Kariwa	1	Tokyo	1,100	BWR	1993.8		
	2		1,100	BWR	1994.8		
	3		1,100	BWR	1994.8		
	4		1,100	BWR	1994.8		
	5		1,100	BWR	1990.4		
	6		1,356	ABWR	1996.11		
	7		1,356	ABWR	1997.7		
6 Hamaoka	3	Chubu	1,100	BWR	1987.8		
	4		1,137	BWR	1993.9		
	5		1,380	ABWR	2005.1		
	7 Shika		1	Hokuriku	540	BWR	1993.7
	2		1,206		ABWR	2006.3	
8 Mihama	1	Kansai	340	PWR	1970.11		
	2		500	PWR	1972.7		
	3		826	PWR	1976.12		
9 Takahama	1	Kansai	826	PWR	1974.11		
	2		826	PWR	1975.11		
	3		870	PWR	1985.1		
	4		870	PWR	1985.6		
10 Ohi	1	Kansai	1,175	PWR	1979.3		
	2		1,175	PWR	1979.12		
	3		1,180	PWR	1991.12		
	4		1,180	PWR	1993.2		
11 Shimane	1	Chugoku	460	BWR	1974.3		
	2		820	BWR	1989.2		
	3		890	PWR	1994.12		
12 Ikata	1	Shikoku	566	PWR	1977.9		
	2		566	PWR	1982.3		
	3		890	PWR	1994.12		
	4		890	PWR	1997.7		
13 Genkai	1	Kyushu	559	PWR	1975.10		
	2		559	PWR	1981.3		
	3		1,180	PWR	1994.3		
	4		1,180	PWR	1997.7		
14 Sendai	1	Kyushu	890	PWR	1984.7		
	2		890	PWR	1985.11		
15 Tokai Daini		Japan Atomic Power Co.	1,100	BWR	1978.11		
16 Tsuruga	1	Japan Atomic Power Co.	357	BWR	1970.3		
	2		1,160	PWR	1987.2		
<b>Total</b>	<b>48 Units</b>		<b>44,264MW</b>				

• Others

Name of Plant	Company	Installed Capacity (MW)	Type of Reactor
Fugen	Japan Atomic Energy Agency	165	ATR(Prototype) End of Operation
Monju	Japan Atomic Energy Agency	280	FBR(Prototype)

Note: PWR=Pressurized Water Reactor, BWR=Boiling Water Reactor, APWR=Advanced Pressurized Water Reactor, ABWR=Advanced Boiling Water Reactor, GCR=Gas Cooled Reactor, ATR=Advanced Thermal Reactor, FBR=Fast Breeder Reactor

## Principal Hydroelectric Power Plants (360MW or greater)

As of March 31, 2013

Name of Plant	Company	Installed Capacity (MW)	Type
1 Daini Numazawa	Tohoku	460	Pumped Storage
2 Shin Takasegawa	Tokyo	1,280	Pumped Storage
3 Tamahara	Tokyo	1,200	Pumped Storage
4 Imaichi	Tokyo	1,050	Pumped Storage
5 Kannagawa	Tokyo	940	Pumped Storage
6 Shiobara	Tokyo	900	Pumped Storage
7 Kazunogawa	Tokyo	800	Pumped Storage
8 Azumi	Tokyo	623	Pumped Storage
9 Okumino	Chubu	1,500	Pumped Storage
10 Okuyahagi Daini	Chubu	780	Pumped Storage
11 Okutataragi	Kansai	1,932	Pumped Storage
12 Okawachi	Kansai	1,280	Pumped Storage
13 Okuyoshino	Kansai	1,206	Pumped Storage
14 Kisenyama	Kansai	466	Pumped Storage
15 Matanogawa	Chugoku	1,200	Pumped Storage
16 Nabara	Chugoku	620	Pumped Storage
17 Hongawa	Shikoku	615	Pumped Storage
18 Omarugawa	Kyushu	1,200	Pumped Storage
19 Tenzan	Kyushu	600	Pumped Storage
20 Ohira	Kyushu	500	Pumped Storage
21 Shin Toyone	J-Power	1,125	Pumped Storage
22 Shimogo	J-Power	1,000	Pumped Storage
23 Okukiyotsu	J-Power	1,000	Pumped Storage
24 Numappara	J-Power	675	Pumped Storage
25 Okukiyotsu Daini	J-Power	600	Pumped Storage
26 Okutadami	J-Power	560	Pumped Storage
27 Tagokura	J-Power	400	Pumped Storage

• Under Construction (Estimated start)

Higashi-Dori	1	Tokyo	1,385	ABWR	U.D
Shimane	3	Chugoku	1,373	ABWR	U.D
Ohma		J-Power	1,383	ABWR	U.D
<b>Total</b>	<b>3 Units</b>		<b>4,141MW</b>		

• Preparing for Construction (Estimated start)

Higashi-Dori	2	Tohoku	1,385	ABWR	U.D
Higashi-Dori	2	Tokyo	1,385	ABWR	U.D
Hamaoka	6	Chubu	1,400	ABWR	U.D
Kaminoseki	1	Chugoku	1,373	ABWR	U.D
	2		1,373	ABWR	U.D
Sendai	3	Kyushu	1,590	APWR	U.D
Tsuruga	3	Japan Atomic Power Co.	1,538	APWR	U.D
	4		1,538	APWR	U.D
<b>Total</b>	<b>8 Units</b>		<b>11,582MW</b>		

• End of Operation (End)

Fukushima Daiichi	1	Tokyo	460	BWR	2012.4
	2		784	BWR	2012.4
	3		784	BWR	2012.4
	4		784	BWR	2012.4
	5		784	BWR	2014.1
	6		1,100	BWR	2014.1
Hamaoka	1	Chubu	540	BWR	2009.1
	2		840	BWR	2009.1
Tokai		Japan Atomic Power Co.	166	GCR	1998.3
<b>Total</b>	<b>9 Units</b>		<b>6,242MW</b>		