

	Company	Unit name	Location	Status	Operation start	Capacity [MW]	Technology	Source	Source link	notes
1	Nippon Paper Industries Co., Ltd	Fuji Mill Suzukawa	Fuji city, Shizuoka prefecture	planning	2016	100.0			<a href="http://www.nipponpapergroup.com/news/news13080701.html">http://www.nipponpapergroup.com/news/news13080701.html</a>	
2	Nakayama Nagoya	Nagoya No.2	Taketoyo town, Chita district, Aichi prefecture	planning	2016	110.0				
3	Osaki Cool Gen		Osakikamijima, Toyota district, Hiroshima prefecture	under construction	2017	167.0	IGCC	EIA	<a href="http://www.meti.go.jp/policy/safety_security/industrial_safety/sangyo/electric/files/osaki/jyunbishins_a.pdf">http://www.meti.go.jp/policy/safety_security/industrial_safety/sangyo/electric/files/osaki/jyunbishins_a.pdf</a>	
4	Kansai Electric Power		Near Sendai	planning	2017	112.0				
5	Nippon Paper Industries Co., Ltd	Ishinomaki Hibarino No.1	Ishinomaki city, Miyagi prefecture	planning	2017	149.0			<a href="http://www.kahoku.co.jp/tohokunews/201404/20140415_12008.html">http://www.kahoku.co.jp/tohokunews/201404/20140415_12008.html</a>	Environment Assessment unnecessary (judged by the Minister of Economy, Trade and Industry on 7 March, 2014)
6	Osaka Gas		Kashima area in Ibaragi prefecture	planning	2017	100.0			<a href="http://mainichi.jp/select/news/20141003k0000e020176000c.html">http://mainichi.jp/select/news/20141003k0000e020176000c.html</a>	
7	Chugoku Electric Power, Air Water Inc.		Bouhu city, Yamaguchi prefecture	Under EIA by the prefecture	2018	100.0			<a href="http://www.energia.co.jp/press/14/p140903-1.html">http://www.energia.co.jp/press/14/p140903-1.html</a>	
8	Nippon Paper Industries Co., Ltd		Akita city (in Akita factory)	planning	2018	110.0			<a href="http://www.jiji.com/jc/zc?k=201410/2014100300417&amp;g=eco">http://www.jiji.com/jc/zc?k=201410/2014100300417&amp;g=eco</a>	
9	Kitakyushu city	(Hibikinada)	Kitakyushu city, Fukuoka prefecture	planning	2019	1,000.0			<a href="http://www.city.kitakyushu.lg.jp/files/000149739.pdf">http://www.city.kitakyushu.lg.jp/files/000149739.pdf</a>	
10	Kyushu Electric Power, Idemitsu Kosan Co., Ltd., Tokyo Gas		Chiba?	planning	2020	2,000.0			<a href="http://www.yomiuri.co.jp/kyushu/news/20140930-OYS1T50029.html">http://www.yomiuri.co.jp/kyushu/news/20140930-OYS1T50029.html</a> <a href="http://mainichi.jp/select/news/20140930k0000e020189000c.html">http://mainichi.jp/select/news/20140930k0000e020189000c.html</a>	
11	Tokyo Electric Power	Nakoso	Iwaki city, Fukushima prefecture	under EIA	2020	500.0	IGCC		<a href="http://www.tepco.co.jp/fukushima_hq/images/131129_01-j.pdf#search=%E4%B8%96%E7%95%8C%E6%9C%80%E6%96%B0%E9%8B%AD%E3%81%AE%E7%9F%B3%E7%82%AD%E7%81%AB%E5%8A%9B%E7%99%BA%E9%9B%BB%E6%89%80%E3%83%97%E3%83%AD%E3%82%B8%E3%82%A7%E3%82%AF">http://www.tepco.co.jp/fukushima_hq/images/131129_01-j.pdf#search=%E4%B8%96%E7%95%8C%E6%9C%80%E6%96%B0%E9%8B%AD%E3%81%AE%E7%9F%B3%E7%82%AD%E7%81%AB%E5%8A%9B%E7%99%BA%E9%9B%BB%E6%89%80%E3%83%97%E3%83%AD%E3%82%B8%E3%82%A7%E3%82%AF</a>	
12	Tokyo Electric Power	Hirono	Hirono-machi, Futaba district, Fukushima prefecture	under EIA	2020	500.0	IGCC		<a href="http://www.tepco.co.jp/fukushima_hq/images/131129_01-j.pdf#search=%E4%B8%96%E7%95%8C%E6%9C%80%E6%96%B0%E9%8B%AD%E3%81%AE%E7%9F%B3%E7%82%AD%E7%81%AB%E5%8A%9B%E7%99%BA%E9%9B%BB%E6%89%80%E3%83%97%E3%83%AD%E3%82%B8%E3%82%A7%E3%82%AF">http://www.tepco.co.jp/fukushima_hq/images/131129_01-j.pdf#search=%E4%B8%96%E7%95%8C%E6%9C%80%E6%96%B0%E9%8B%AD%E3%81%AE%E7%9F%B3%E7%82%AD%E7%81%AB%E5%8A%9B%E7%99%BA%E9%9B%BB%E6%89%80%E3%83%97%E3%83%AD%E3%82%B8%E3%82%A7%E3%82%AF</a>	
13	Tokyo Electric Power / J-Power		Yokohama city, Kanagawa prefecture	planning	2020	1000.0			<a href="http://www.nikkei.com/article/DGXLASDZ2300U_T20C14A8MM8000/">http://www.nikkei.com/article/DGXLASDZ2300U_T20C14A8MM8000/</a> <a href="http://www.sankei.com/economy/news/141010/ecn1410100012-n1.html">http://www.sankei.com/economy/news/141010/ecn1410100012-n1.html</a>	Replacement of the aged unit
14	Hitachinaka Generation	Hitachinaka	Tokai-mura, Naka-gun, Ibaraki prefecture	under EIA	2020	650.0	USC		<a href="https://www.chuden.co.jp/corporate/publicity/pub_release/press/3235592_6926.html">https://www.chuden.co.jp/corporate/publicity/pub_release/press/3235592_6926.html</a>	
15	Kashima Power	Sumitomo Metals Kashima	Kashima city, Ibaraki prefecture	under EIA	2020	640.0	(USC)		<a href="http://www.jpowers.co.jp/news_release/pdf/news131209.pdf">http://www.jpowers.co.jp/news_release/pdf/news131209.pdf</a>	
16	Tohoku Electric Power	Noshiro	Noshiro city, Akita prefecture	bidding	2020	600.0				in house bid possible
17	J-Power	Takehara New No. 1	Takehara city, Hiroshima prefecture	under construction	2020	600.0	USC	EIA	<a href="http://www.meti.go.jp/policy/safety_security/industrial_safety/sangyo/electric/files/takehara/junbishinsasyo.pdf">http://www.meti.go.jp/policy/safety_security/industrial_safety/sangyo/electric/files/takehara/junbishinsasyo.pdf</a>	
18	Kyushu Electric Power Co., Ltd.	Matsuura No. 2	Matsuura city, Nagasaki prefecture	bidding	2021	1000.0			<a href="http://www.kyuden.co.jp/library/pdf/ir/financial/review201303_2.pdf#search=%E4%B9%9D%E5%B7%9E%E9%9B%BB%E5%8A%9B%E6%9D%BE%E6%B5%A6%E8%A8%88%E7%94%BB">http://www.kyuden.co.jp/library/pdf/ir/financial/review201303_2.pdf#search=%E4%B9%9D%E5%B7%9E%E9%9B%BB%E5%8A%9B%E6%9D%BE%E6%B5%A6%E8%A8%88%E7%94%BB</a>	in house bid possible
19	J-Power	Takasago New No1	Takasago city, Hyogo	under EIA	2021	600.0				
20	KOBE STEEL, LTD.		Kobe city, Hyogo prefecture	bidding	2021	700.0			<a href="http://www.kobelco.co.jp/releases/2014/1189470_13888.html">http://www.kobelco.co.jp/releases/2014/1189470_13888.html</a>	planning to bid for Kansai Electric Power
21	KOBE STEEL, LTD.		Kobe city, Hyogo prefecture	bidding	2021	700.0			<a href="http://www.kobelco.co.jp/releases/2014/1189470_13888.html">http://www.kobelco.co.jp/releases/2014/1189470_13888.html</a>	planning to bid for Kansai Electric Power
22	J-Power, UBE INDUSTRIES, LTD., Osaka Gas		Yamaguchi prefecture	planning	the early 2020s	600.0			<a href="http://www.nikkei.com/article/DGXLASDZ15HK1_W4A011C1MM8000/">http://www.nikkei.com/article/DGXLASDZ15HK1_W4A011C1MM8000/</a>	with Ube Kosan, Osaka Gas
23	J-Power, UBE INDUSTRIES, LTD., Osaka Gas		Yamaguchi prefecture	planning	after the early 2020s	600.0			<a href="http://www.nikkei.com/article/DGXLASDZ15HK1_W4A011C1MM8000/">http://www.nikkei.com/article/DGXLASDZ15HK1_W4A011C1MM8000/</a>	with Ube Kosan, Osaka Gas
24	J-Power	Takasago New No2	Takasago city, Hyogo	under EIA	2027	600.0				
25	Chugoku Electric Power	Misumi No. 2	Hamada city, Shimane prefecture	planning	After 2027	400.0			<a href="http://www.energia.co.jp/pdf/gaiyou/keiei-h25-5.pdf#search=%E4%B8%AD%E5%9B%BD%E9%9B%BB%E5%8A%9B%E4%B8%89%E9%9A%852%E5%8F%B7%E8%A8%88%E7%94%BB">http://www.energia.co.jp/pdf/gaiyou/keiei-h25-5.pdf#search=%E4%B8%AD%E5%9B%BD%E9%9B%BB%E5%8A%9B%E4%B8%89%E9%9A%852%E5%8F%B7%E8%A8%88%E7%94%BB</a>	
						Total	13,638.0			

## 2.Bidding

	Company	Deadline of the bidding	Decision of successful bidder	capacity factor	supply period	supply start	Capacity [MW]	notes	Links
1	Tohoku Electric Power	14-Nov-2014	late Jan-2015	70~80%		June 2020-June 2022	600.0	in house bid possible with Noshiro No.3(No.16 on the table above)	<a href="http://www.tohoku-epco.co.jp/iyuka/nyusatu.htm">http://www.tohoku-epco.co.jp/iyuka/nyusatu.htm</a>
2	Tokyo Electric Power	31-Mar-2015	June-2015	70~80%	15yrs (selectable between 5-15yrs)	April 2019-March 2024	6000.0		<a href="http://www.tepco.co.jp/kaikaku/ipp/index-j.html">http://www.tepco.co.jp/kaikaku/ipp/index-j.html</a>
3	Chubu Electric Power	28-Nov-2014	Feb-2015	70~80%	15yrs (selectable between 10-30yrs)	April 2021-March 2023	1,000.0	in house bid possible	<a href="http://www.chuden.co.jp/corporate/nyuusatsu/nyu_qaiyou/index.html">http://www.chuden.co.jp/corporate/nyuusatsu/nyu_qaiyou/index.html</a>
4	Kansai Electric Power	28-Nov-2014	mid Mar-2015	70%	15yrs (selectable between 10-30yrs)	April 2021-July 2023	1,500.0	KOBE STEEL, LTD. likely to bid (No.20&21 on the table above)	<a href="http://www.kepco.co.jp/business/partner/thermal/index.html">http://www.kepco.co.jp/business/partner/thermal/index.html</a>
5	Kyushu Electric Power	19-Nov-2014	Feb-2015		15yrs (selectable between 10-30yrs)	by June 2021	1,000.0	• in house bid possible with Matsuura No.2(No.18 on the table above) • the mainland Kyushu	<a href="http://www.kyuden.co.jp/ipp_index#flow6">http://www.kyuden.co.jp/ipp_index#flow6</a>
							<b>Total</b>	<b>10,100.0</b>	

※ There are overlaps between (1. Planning) and (2. Bidding) as some power plants are planned as a response to bids. However, even if these bids are finalized, it is difficult to estimate to what degree these two statuses overlap, because the bidding electric companies would not necessarily sell all the electricity produced.

※ The bidding plans released by the companies are categorized as "thermal power generation", not limited to coal-fired power plant. However, on the table above, bids regarding non-coal power plants which are under planning for in-house bid are not included.

## 3.Retirement Plan for Coal-Fired Power Plants in Japan

	Company	Unit name		Location	Operation start ( Fuel change to coal)	Expected finish date	Capacity[MW]	Reason	Links	Notes
1	J-Power	Takehara	No. 1	Takehara city, Hiroshima prefecture	July 1967	2017	250.0	Shut down due to the construction of New No. 1	<a href="http://www.meti.go.jp/policy/safety_security/industrial_safety/sangyo/electric/files/takehara/junbi-shinsasyo.pdf">http://www.meti.go.jp/policy/safety_security/industrial_safety/sangyo/electric/files/takehara/junbi-shinsasyo.pdf</a>	
2	Hokuriku Electric Power Co.	Toyama New Port	Coal No. 1	Imizu city, Toyama prefecture	Sep 1971 (Nov 1984)	2017	250.0	Replacement for LNG. Will not be renewed.	<a href="http://www.meti.go.jp/policy/safety_security/industrial_safety/sangyo/electric/files/toyama/shinsasyo.pdf">http://www.meti.go.jp/policy/safety_security/industrial_safety/sangyo/electric/files/toyama/shinsasyo.pdf</a>	The new unit (LNG) will be 424.7MW, start on Nov 2018. The power generation efficiency will be 59%. It will cost approximately 110 billion yen (≒ 1.1 billion USD) for construction.
3	J-Power	Takehara	No. 2	Takehara city, Hiroshima prefecture	June 1974 (June 1995)	2018	350.0	Shut down due to the construction of New No. 1		
							<b>Total</b>	<b>850.0</b>		