

1 Power Demand Forecast

[Electricity Sales]

- Electricity sales in FY 2015 are estimated to be 261,400GWh (+0.8% compared to the previous year) owing to the economic recovery.
- In the mid to long term, with full liberalization etc., starting from FY 2016 and intensifying market competition, the annual average rate during the period from FY 2013 to FY 2024 is estimated to be minus 0.6%, considering negative economic growth.

[Maximum Demand]

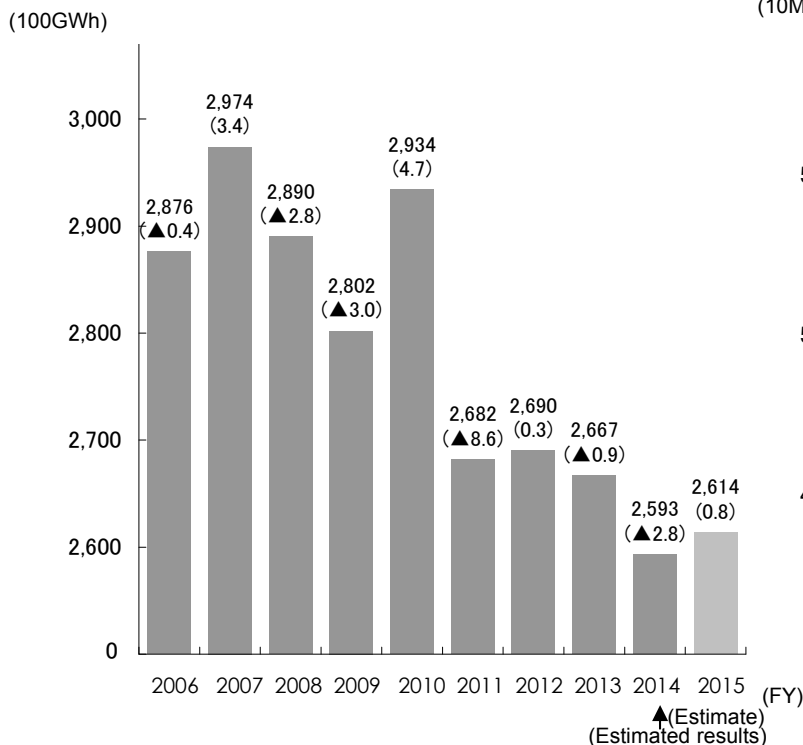
- As a result of the downturn from the previous year's temperature effect etc., maximum demand for FY 2015 is estimated to be 47,730MW (-1.1% compared to the previous year).
- In the mid to long term, similar to the case for electricity sales with full liberalization etc., starting from FY 2016 and factoring in the results of intensifying market competition, the annual average rate during the period from FY 2013 to FY 2024 is estimated to be -0.6%, considering negative economic growth.

		FY 2013 results	FY 2014 estimated results	FY 2015	FY 2024	Annual average increase rate from FY 2013 to 2024 (%/year)
Electricity Sales (100GW)		2,667	2,593	2,614	2,501	—
	Rate of Increase compared to the previous year (%)	-0.9 (-0.7)	-2.8 (-1.4)	0.8 (0.7)	—	-0.6 (-0.4)
Maximum demand In summer	Three-day average at the transmitting end (10MW)	4,907	4,824	4,773	4,600	—
	Rate of Increase compared to the previous year (%)	-0.1 (-0.9)	-1.7 (-3.1)	-1.1 (1.0)	—	-0.6 (-0.5)

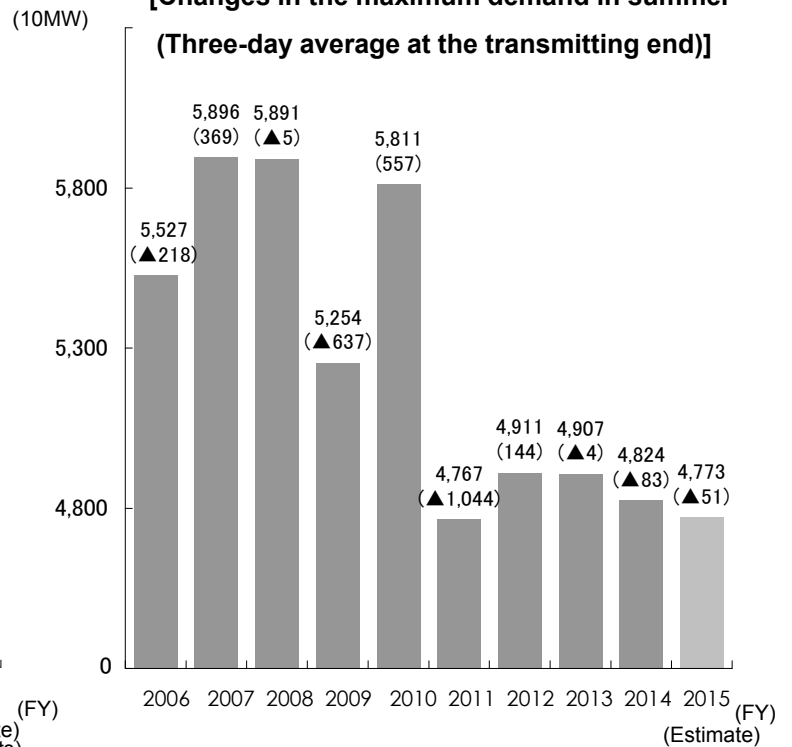
Note: The values in parentheses given under "electricity sales" are corrections made for leap year temperatures.

The values in parentheses provided under "maximum demand in summer" are rates of increase after temperature correction.

[Changes in electricity sales]



[Changes in the maximum demand in summer (Three-day average at the transmitting end)]



Values in parentheses are rates of increase compared to the previous year.

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2 Power Generation Facility Plan

[Major Power Generation Facility Plan]

	Location	Output (10MW)	Start of Operation
Hydro Electric	Kannagawa Units 3 to 6	47×4	FY2025 or later
	Kazunogawa Unit 3	40	FY2025 or later
LNG Thermal	Kawasaki Group 2 Units 2 and 3	142 (Output of Group 2 is 192)	Jan. 2016, Oct. 2016
	Yokohama Group 7 (Increase output)	+2.7×4	Jul. 2016, Jul. 2015, Jul. 2017, Jan. 2017
	Yokohama Group 8 (Increase output)	+2.7×4	Apr. 2017, Jan. 2018, Jan. 2016, Apr. 2016
	Futtsu Group 2 (Increase output)	+12	Jul. 2016, Mar. 2018, Aug. 2019, Aug. 2018, Mar. 2017, Mar. 2019, Aug. 2017
	Goi Group 1	213	FY2025 or later
Nuclear	Higashidori Units 1 and 2	138.5×2	Not yet determined
Renewable	Higashi-izu Wind Power Station	1.837	Aug. 2015

	Location	Output (10MW)	Closing
Emergency	Ohi Unit 1 GT	8.1	Mar. 2015
	Anegasaki Units 1 to 4 DE	0.56	Mar. 2015

3 Power Network Facility Plan

[Major Power Network Facility Construction Plan]

	Project Name	Voltage (kV)	Scale	Start of Operation
Transmission	Kawasaki-Toyosu Line Construction	275	22.2km	Mar. 2016
Substation	Ohi-Futou Construction	275	900MVA	Mar. 2017
	Kouhoku Expansion	275	450MVA	Mar. 2017
	Daikanyama Construction	275	600MVA	FY2025 or later

Note: Transmission scale: line length, Substation scale: increase output

4 Wide Area Operation

[Wide Area Power Generation Development Plan]

	Location	Developer	Output (10MW)	Start of Operation
Nuclear	Ohma	J-Power	138.3	Not yet determined

Wide Area Operation

[Wide Area Interconnected Facility Development Plan]

	Project Name	Voltage(kV)	Scale	Start of Operation
50Hz-60Hz Inter-connection	Tokyo-Chubu Direct Current Trunk Line (Tentative) Construction	DC±200	89 km	FY2020
	Shin-Shinano AC/DC Converter (Tentative) Construction	Not yet determined	900MW	FY2020

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Thermal Energy Procurement Plan by Bid

[A Call for Bids for Thermal Energy (Second Bid)]

Supply Start Date	Amount Required	Annual Operating Ratio 70~80%	Supply Contract Period
Apr. 2019 to Mar. 2024	6GM*	138.3	15 years

*Procurement of LNG Thermal energy in the past few years has been challenging due to sudden fluctuations in crude oil and gas prices. It may be difficult to fix the Henry Hub link ratio fuel cost adjustment index for bidding. Therefore, a separate bid is planned appropriately to tender for LNG thermal energy as quickly as possible.

[A Call for Bids for Thermal Energy (Islands)]

Supply Start Date	Island and Amount Required	Type of Energy	Supply Contract Period
Until Jun. 2018	Hachijojima: 6,500kW, Miyakejima: 2,500kW, Kozushima: 2,000kW, Chichijima, 1,500kW	Contract by volume (kW)	15 years