

## 1 Power Demand Outlook

### [Electricity Sales]

- Electricity sales in FY 2014 are estimated to be 268,600GWh (+0.3% compared to the previous year), reflecting the impact of the temperature in the previous year despite the economic recovery process.
- In the mid to long term, with full liberalization etc., starting from FY 2016 and intensifying market competition, and factoring in electricity saving of a level equivalent to FY 2013, the annual average increase rate during the period from FY 2012 to FY 2023 is estimated to be 0.4%, considering gradual economic growth.

### [Maximum Demand]

- The maximum demand in FY 2014 (three-day average of the maximum power demand at the transmitting end) is estimated to be 49,570MW (+1.0% compared to the previous year) as a result of economic and electricity saving forecasting and anticipating the level of the demand management policy effect to be equivalent to FY 2013, as in the case of electricity sales.
- In the mid to long term, the annual average increase rate during the period from FY 2012 to FY 2023 is estimated to be 0.5%, similar to the case for electricity sales.

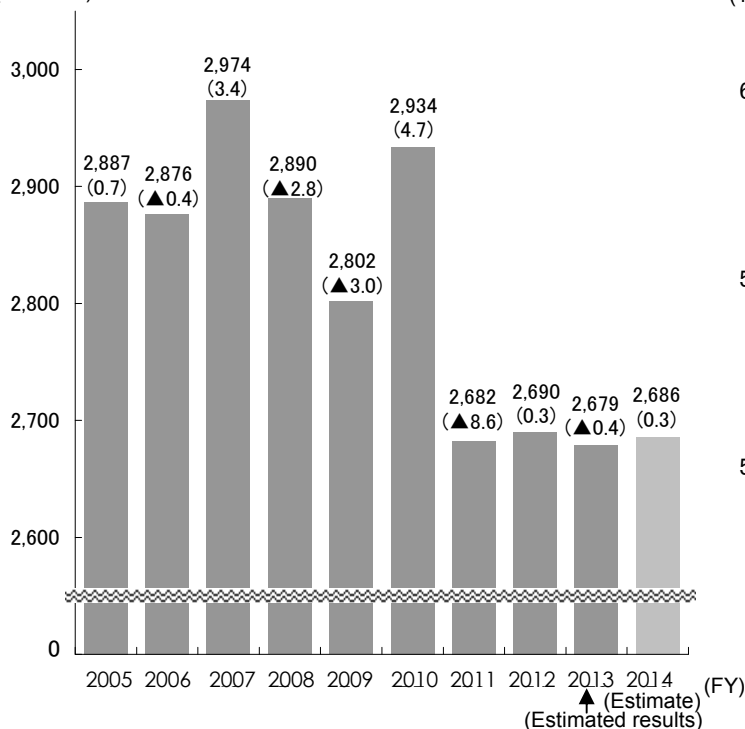
		FY 2012 results	FY2013 estimated results	FY 2014	FY 2023	Annual average increase rate from FY 2012 to 2023 (%/year)
Electricity Sales (100GW)		2,690	2,679	2,686	2,802	—
	Increase rate compared to the previous year (%)	0.3 (0.5)	▲0.4 (▲0.1)	0.3 (1.7)	—	0.4 (0.5)
Maximum demand in summer (Three-day average at the transmitting end (10MW))		4,911	4,907	4,957	5,204	—
	Increase rate compared to the previous year (%)	3.0 (7.4)	▲0.1 (▲0.9)	1.0 (1.7)	—	0.5 (0.5)

(Note) The values in parenthesis given under "electricity sales" are after leap year air temperature correction.

The values in parenthesis provided under "maximum demand in the summer" are increase rates after air temperature correction.

### [Change in electricity sales]

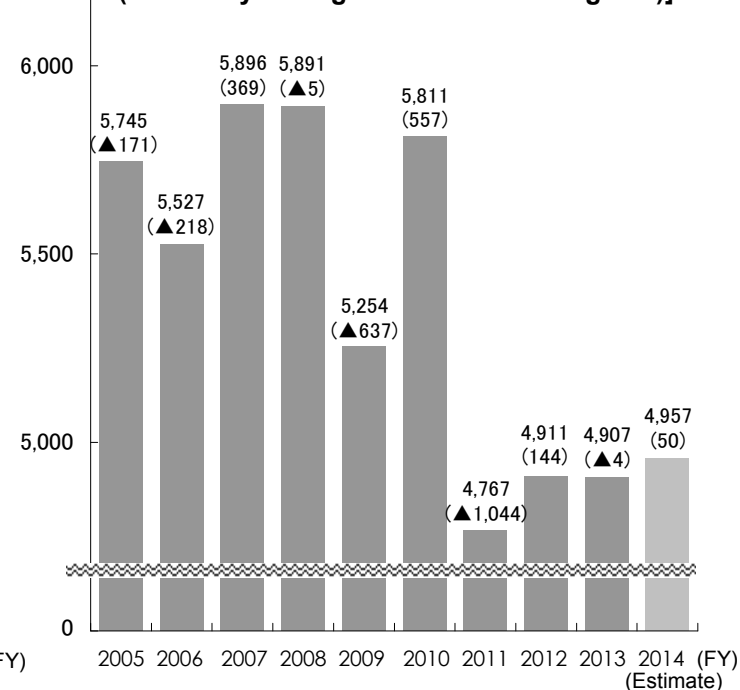
(100GWh)



### [Change in the maximum demand in summer]

(10MW)

(Three-day average at the transmitting end)



## 2 Power Generation Facility Plan

### [Major Power Generation Facility Plan]

	Location	Output (10MW)	Start of Operation
Hydro Electric	Kannagawa Unit 3-6	47×4	FY2024 or later
	Kazunogawa Unit 3 and 4	40×2	Jun.2014, FY2024 or later
LNG Thermal	Kawasaki Group 2 Unit 2 and 3	142 (Output of Group 2 is 192)	Jul.2016, Jul.2017
	Chiba Group 3	150	Apr.2014, Jun.2014, Jul.2014
	Kashima Group 7	124.8	May.2014, Jul.2014, Jun.2014
	Yokohama Group 7 (Power increase)	+2.7×4	Aug.2016, Aug.2015, Aug.2017, Feb.2017
	Yokohama Group 8 (Power increase)	+2.7×4	Jun.2017, Feb.2018, Feb.2016, Jun.2016
	Goi Group 1	213	FY2024 or later
Nuclear	Higashidori Unit 1 and 2	138.5×2	Not yet determined
Renewable	Higashi-izu Wind Power Station	1.837	Aug. 2015

### [Closing Plan of Emergency Power Plant]

	Location	Output (10MW)	Closing
Emergency	Ohi Unit 1 GT	12.8	Apr. 2014
	Kawasaki Unit 1 GT	12.8	Apr. 2014
Renewable	Hachijyoujima Wind Power	0.05	Mar. 2014

## 3 Power Network Facility Plan

### [Major Power Network Facility Construction Plan]

	Project Name	Voltage (kV)	Scale	Start of Operation
Transmission	Nishi-Jobu Trunk Line Construction	500	110.4km	Jun. 2014
	Kawasaki-Toyosu Line Construction	275	22.2km	Mar. 2016
Substation	Ohi-Futou (Tentative) Construction	275	900MVA	Mar. 2017
	Shinsawara Expansion	500	1,500MVA	May 2016
	Kouhoku Expansion	275	450MVA	Mar. 2017
	Daikanyama Construction	275	600MVA	FY2024 or later

## 4 Wide Area Operation

\* Transmission scale: Horizontal distance, Substation scale: increase output

### [Wide Area Power Generation Development Plan]

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

### [Wide Area Interconnected Facility Development Plan]

	Project Name	Voltage(kV)	Scale	Start of Operation
50Hz-60Hz Interconnection	Tokyo-Chubu Direct Current Trunk Line (Tentative) Construction	DC±200	Approx. 100km	FY2020
	Shin-Shinano AC/DC Converter (Tentative) Construction	Not yet determined	900MW	FY2020