

Collection of Reports Regarding the Electricity Supply-Demand Outlook for Winter 2012

1. Supply-demand balance in the case that no nuclear power station restarts operation

(Unit: 10MW)		January	February
Supply-demand	FY 2011 H1	482	578
	FY 2012 H1 (Forecast based on the cold winter of 2011 with electricity saving)	378	474
	FY 2012 H1 (Forecast based on the average winter with electricity saving)	438	534
Reserve margin (%)	FY 2011 H1	9.7	11.6
	FY 2012 H1 (Forecast based on the cold winter of 2011 with electricity saving)	7.5	9.4
	FY 2012 H1 (Forecast based on the average winter with electricity saving)	8.8	10.7
Maximum power demand H1	FY 2011 H1	4,966	4,966
	FY 2012 H1 (Forecast based on the cold winter of 2011 with electricity saving)	5,050	5,050
	FY 2012 H1 (Forecast based on the average winter with electricity saving)	4,990	4,990
Supply capacity	FY 2011 H1	5,448	5,544
	FY 2012 H1 (Forecast based on the cold winter of 2011 with electricity saving)	5,428	5,524
	FY 2012 H1 (Forecast based on the average winter with electricity saving)	5,428	5,524
Nuclear		0	0
Thermal		4,397	4,468
Hydroelectric		198	189
Pumped-storage hydroelectric	FY 2011 H1	810	820
	FY 2012 H1 (Forecast based on the cold winter of 2011 with electricity saving)	790	800
	FY 2012 H1 (Forecast based on the average winter with electricity saving)	790	800
Geothermal/solar		0	0
Power interchange		0	0
Supply to new suppliers		43	67

2. Demand

1) Effects of electricity saving in FY 2011

(Unit: 10MW)

(Generating end)	
Maximum demand in the winter of FY 2011 H3	4,889

Maximum demand in the winter of FY 2010 H3	5,077
Difference	▲188
Effects of temperature	62
Effects of electricity saving	▲256
Effects of economic conditions	▲9
Effects of new power suppliers	15

2. Effects of electricity saving in FY 2012

(Unit: 10MW)

(Generating end)	
Maximum demand forecast in the winter of FY 2012 H3	4,915
Maximum demand in the winter of FY 2010 H3	5,077
Difference	▲162
Effects of temperature	8
Effects of electricity saving	▲256
Effects of economic conditions	88
Effects of new power suppliers	▲2

3. Temperature sensitivity in the winter (Temperature at the time of the maximum demand) (10MW/)

FY 2010	FY 2011	Forecast for FY 2012
▲81	▲91	▲91 (Equivalent to FY 2011)

4. Temperature related data

	Temperature ()
Average temperature at the time of the maximum demand in the past 10 years	4.4
Temperature at the time of the maximum demand in the cold winter of FY 2011	3.7

3. Supply

Breakdown list of supply capacity per power station (Attachment)