

Electric Power Supply and Demand for this Winter to Date

The situation with regard to supply and demand was harsh again this winter. Thanks in part to our customers' cooperation with energy conservation, however, we have been able to provide a stable supply of electricity to date.

We extend our warm appreciation to our customers for continuing with energy conservation efforts within reasonable bounds.

These are the supply and demand results for this winter to date (December 3, 2012 to February 22, 2013).

1. Peak load (generating end)

Chubu Electric Power estimated its peak load this winter to be 22.81 GW for the maximum power three-day average and 23.67 GW for the one-time peak load. (Reported November 6, 2012)

This winter's actual peak load results from December 2012 to February 22, 2013 were 22.24 GW for the maximum power three-day average and 22.58 GW for the one-time peak load.

As a result, the maximum power three-day average was 570 MW lower than the initial forecast and the one-time peak load was 1.09 GW lower.

The monthly figures for maximum power three-day average and one-time peak load for this winter to date are both based on the actual results for February. Temperatures in February have been higher than in the previous year, and the weather has not been as harsh as in FY2011. In addition, large numbers of our customers, from residential to corporate, cooperated with the energy conservation program. At present we think these are the primary reasons that actual figures were lower than forecast.

<Table 1> Results by month for maximum power three-day average (generating end)

December 2012	January 2013	February 2013
21.86 GW	21.86 GW	22.24 GW

<Results for one-time peak load (generating end) this winter>

February 18 (Monday)
22.58 GW

<Table 2> FY2012 actual results and plan results, FY2011 actual results

	FY2012 (Dec. 2012-Feb. 2013)			FY2011 (Dec. 2011-Feb. 2012)	
	Plan (A)	Actual (B)	Difference (B-A)	Actual (C)	Difference (B-C)
Max. power three-day average	22.81 GW	22.24 GW	-570 MW	23.29 GW	-1.05 GW
One-time peak load	23.67 GW※	22.58 GW	-1.09 GW	23.67 GW	-1.09 GW

* Estimate on assumption of a severe winter as in FY2011.

<Reference 1> Average of Nagoya average temperatures

[°C]

	December				January				February	
	Early	Mid	Late	Month	Early	Mid	Late	Month	Early	Mid
This year	5.5	5.7	4.8	5.3	3.5	4.0	4.4	4.0	5.5	3.8
Difference from previous year	-4.1	-1.2	1.0	-1.4	-0.6	-0.7	0.7	-0.2	3.0	0.5
Difference from average year	-2.9	-1.1	-1.0	-1.7	-1.3	-0.6	0.3	-0.5	1.2	-1.6

<Reference 2> Days with low reserve margin

Date & time	Average temperature	Supply capacity	Peak load	Reserve ratio
December 10 17:00-17:59	1.1°C	23.09 GW	22.31 GW	3.4%
February 19 09:00-09:59	4.5°C	23.32 GW	22.24 GW	4.8%
February 18 10:00-10:59	3.7°C	23.78 GW	22.58 GW	5.3%

2. Comparison of demand in FY2010 (December 2010-February 2011) and this winter

The actual demand figures for this winter were compared with the figures from FY2010 (December 2010-February 2011) before the earthquake. The results showed that demand decreased about 1.10 GW on average for the period*1. This figure includes the influence of energy conservation and other factors, as well as the influence of the economy. Details of the amount of influence from energy conservation will be announced promptly once the data up to March has been analyzed and evaluated.

Again, we hope to continue receiving the generous contribution of our customers' energy conservation efforts, within reasonable bounds.

*1. December 3, 2012-February 22, 2013

<Reference> Substance of government energy conservation request in the Chubu Electric Power service area (announced November 6, 2012)

(1) Details of government request for energy conservation

For this winter, the national government has also reviewed electric power supply and demand measures for the country based on the supply and demand outlooks reported by each of the electric power companies. As a result, a nationwide request was issued (except in the Okinawa Electric Power service area) for general energy conservation without numerical targets.

(Period and times for energy conservation as requested by the government)

09:00-21:00 on weekdays from December 3, 2012 (Monday) to March 29, 2013 (Friday)

Note: Excludes December 31 and January 2-4

(2) To customers in the Chubu Electric Power service area

With regard to the status of power supply and demand in the Chubu Electric Power service area this winter, we have projected energy conservation of 650 MW assuming that our customers will continue their energy-saving efforts this winter, and we predict that we will have a reserve margin of 8%, the benchmark for stable supply, in relation to average demand for the three days of maximum demand.

We are deeply grateful for the generous cooperation with energy conservation we have received from our customers over the long period of time since the summer of last year. We hope again to receive the benefit of their continued cooperation, within reasonable bounds, for this winter.

3. Supply capacity and interchange with other power companies

Regarding supply capacity, we began commercial operation of Joetsu Thermal Power Station Unit 1-2 (output 595 MW) in January 2013. Chubu Electric Power has also received requests from other power companies that are anticipating supply shortages, and we implemented interchange to provide a maximum supplement of 450 MW during the daylight hours on weekdays and a maximum supplement of 160 MW during holidays and at night.