

Summer 2012 Power Supply and Demand Measures

1 Supply and demand outlook for this summer (Overview of requested report)

(1) One-time peak load (Calculated value assuming extremes of heat similar to summer 2010) : 26.48 GW [August]

<Demand-side measures>

- Calling for new subscribers to summer holiday contracts, etc.
We will request large-scale factories and other high-volume users (excepting automobile-related companies) to subscribe, in an attempt to increase the contracted amount of power to 400 MW, an increase of 40 MW against the FY2011 figure of 360 MW.
- Asking private power facilities to increase output
We will request customers with private generating facilities to increase their output in an attempt to increase the total contracted amount to 100 MW, an increase of 20 MW against the FY2011 figure of 80 MW.

(2) Supply capacity: 27.85 GW (including a 100 MW increase in thermal power output in the event of emergencies) [August]

<Supply-side measures>

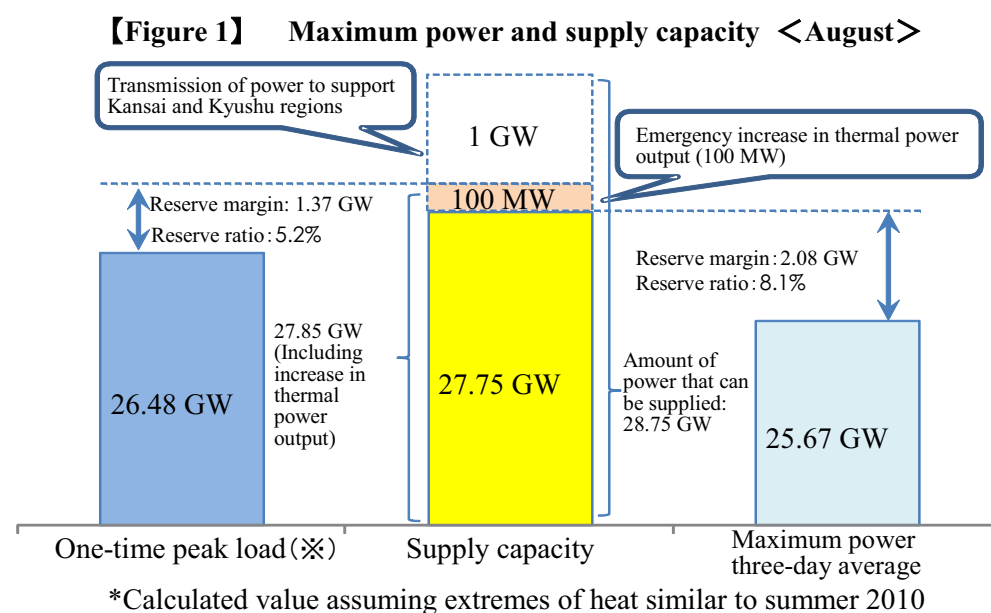
- Commencement of commercial operation of Joetsu Thermal Power Station Unit No. 1-1 (Output: 595 MW)
- Continuation of operation of Taketoyo Thermal Power Station Unit No. 2 and other thermal units under long-term planned shutdown
- Implementation of periodic inspections during period of light load (spring) (Four units)
- Reduction of inspection period as much as possible (Four units)
- Implementation of periodic inspections later than the legally prescribed deadline (Extension of deadline to fall or later: Kawagoe Thermal Power Station Unit No. 3-3, Chita Thermal Power Station Unit No. 1)

(3) Transmission of power to supplement supply in other regions

Transmission of power to companies that forecast supply shortfalls

- 1 GW during peak period (13:00-16:00), and a maximum of 2.3 GW during other periods

(4) Reserve ratio: 5.2% (When the maximum power three-day average is substituted for one-time peak load, the reserve ratio is 8.1%)



2 Energy conservation in the Chubu Electric Power service area

(1) Details of government request for energy conservation

The request for energy conservation applies to the entire nation (although there are no nationwide numerical targets), covering weekdays between 9:00 AM - 8:00 PM from July 2 (Monday) - September 28 (Friday). Moreover, within the Chubu Electric Power service area, the following energy conservation target has been established.

Content	Period	Time	Energy conservation target
Energy conservation with numerical target	Weekdays, July 2 (Monday) - September 7 (Friday) (except August 13 - 15)	9:00 AM - 8:00 PM	Reduction of at least 5% as compared to the benchmark peak power use (kW) in summer 2010, etc.

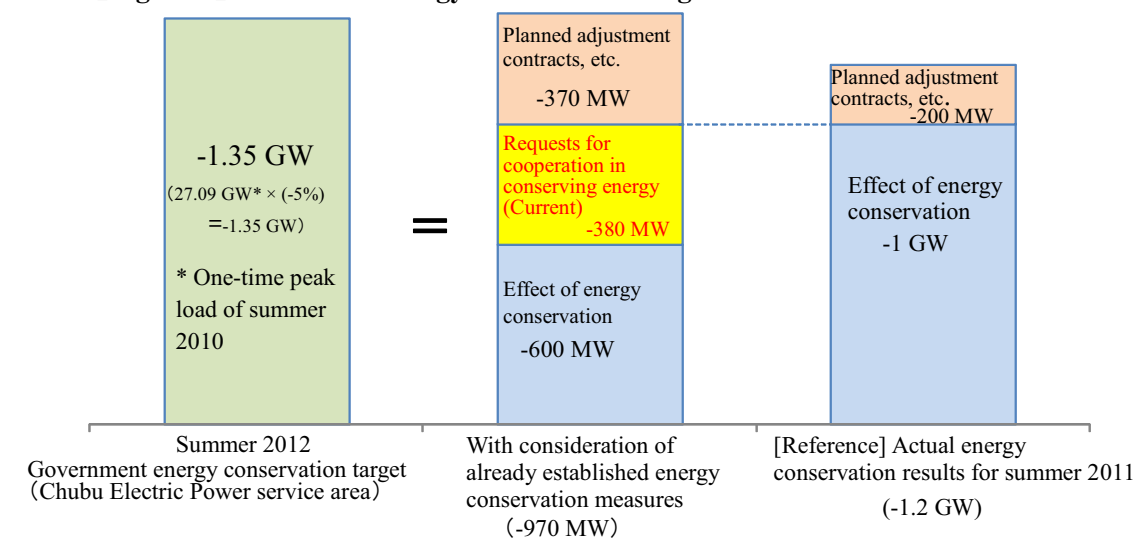
(2) Energy conservation level in the Chubu Electric Power service area

The peak load outlook for the Chubu Electric Power service area factors in energy conservation habits that have already become established, including:

- Effect of energy conservation awareness that has become established among customers: reduction of about 600 MW
- Effect of new subscribers to summer holiday contracts, increased output from private power facilities, and other factors: reduction of about 370 MW

The total of these reductions (970 MW) is equivalent to a reduction of 3.6% from the benchmark peak power use during the summer of 2010 (a one-time peak of 27.09 GW). An energy conservation target of 5% vs. 2010 was set that includes these established energy conservation habits.

【Figure 2】 Level of energy conservation targets in Chubu Electric Power service area



(3) Provision of information concerning status of supply and demand, energy conservation methods, etc.

- ◇ Provision of information concerning status of supply and demand on website (Late June-)
- ◇ Household customers
 - Requests for energy conservation will be made together with the provision of information on effective methods of conserving energy.
 - Website (Late June-)
 - Television and radio commercials (Late June-)
 - Newspaper advertisements (Late June)
 - Distribution of leaflets when meters are read (June 18-)
- ◇ Corporate customers
 - Individual visits are being made to request energy conservation (May 18-)
 - Requests for energy conservation will be made by direct mail (June 4-)

3 Proving trial of demand response in Toyota City

As part of the Verification Project for the Establishment of a Low-carbon Society System being conducted in Toyota City, one of the projects in the Demonstration of Next-Generation Energy and Social Systems program being advanced by the Ministry of Economy, Trade and Industry, Chubu Electric will conduct proving trials of demand response, a mechanism that attempts to respond to tight supply and demand conditions.

< Overview of proving trial >

Location	Normal houses in Toyota City and the surrounding area Maximum of 160 households
Period	June 2012 to February 2014 (Scheduled)
Details	<ul style="list-style-type: none">• Transmission of necessary data for verification of demand response and development of display system for power fee menu• Verification of changes in status of power use with implementation of demand response, etc.

We will spare no effort in ensuring a stable supply of power in our service area by continuing focused inspection and maintenance of our generation and transmission facilities.

At the same time, with the cooperation of our customers in conserving power, we wish to make the greatest possible contribution to maintaining a stable supply in regions predicting a shortfall by transmitting power to supplement supply.

While we regret any inconvenience that might be caused, we ask our customers for their cooperation in conserving power, in particular in the period of highest summer demand, between 13:00 and 16:00 on weekdays.