

Electric Power Supply and Demand Results for Summer 2011

1 Demand results this summer

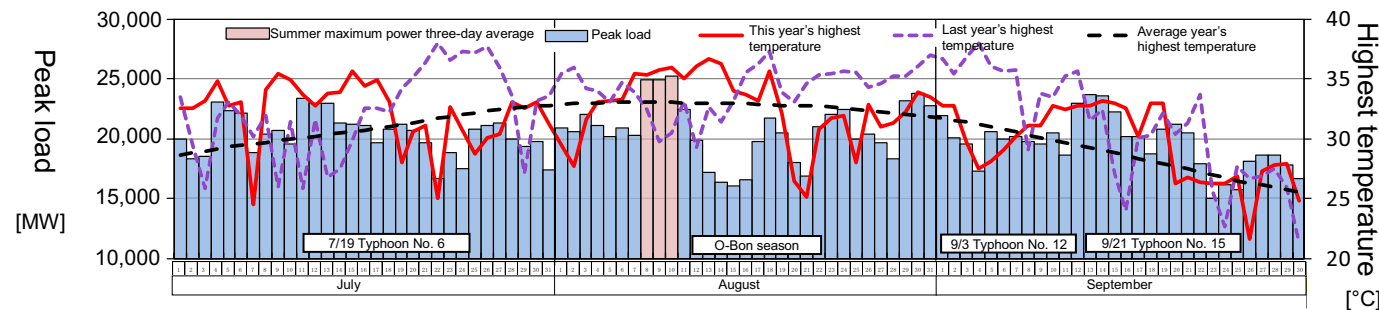
Owing to the efforts of many customers to conserve energy and adjust operating schedules, and additionally because of poor weather (typhoons and weather front impacts) in the high-demand season from late July to early September (except for mid-August), peak load in our service area remained low. As a result, the maximum power monthly three-day average was in August, at 25,020 MW (generating end). The instantaneous peak load was 25,200 MW (generating end) on Wednesday, August 10.

<Maximum power monthly three-day average (generating end)>

July	August	September
23,140 MW	25,020 MW	23,390 MW

(Ref.) Peak load this summer
(generating end)

August 10 (Wed.)
25,200 MW



[Reference] Nagoya average high temperature

	July				August				September			
	Early	Mid	Late	Month	Early	Mid	Late	Month	Early	Mid	Late	Month
This year	32.8	33.1	30.8	32.2	33.1	33.9	31.1	32.7	30.5	31.9	26.2	29.5
Difference from previous year	2.3	2.3	-4.3	0.0	-0.3	0.3	-4.2	-1.4	-4.6	1.0	-0.7	-1.5
Difference from average year	3.4	2.5	-1.6	1.4	0.0	0.8	-1.2	-0.1	-0.5	3.2	-0.1	0.9

2 Effects of energy conservation and operating adjustments this summer

<Energy conservation>

We estimate that energy conservation efforts this summer reduced peak loads by about 1,000 MW. The following table compares maximum power three-day average results for last year and this year.

Maximum power three-day average		Difference	Breakdown of difference		
Aug. 2011	Aug. 2010		Energy conservation effect	Customers suspending operations, etc.	Weather effect, etc.
25,020 MW	26,980 MW	-1,970 MW*	Approx. -1,000 MW	Approx. -200 MW	Approx. -800 MW

*The numbers do not add exactly as shown because of rounding.

<Operating adjustments effect>

We estimate that customers including members of JAMA who adjusted their operating schedules reduced peak loads by about 2,600 MW. The following table compares results for Thursday-Friday with Monday-Wednesday.

Thursday-Friday (three-day average*)	Monday-Wednesday (three-day average*)	Difference	Breakdown of difference	
			Operating adjustments effect	Weather effect, etc.
21,250 MW	24,040 MW	-2,800 MW	Approx. -2,600 MW	Approx. -200 MW

*The three-day average is found by taking each three days of similar weather conditions and analyzing them.

<Reference>

(1) Supply-side measures

We ensured our supply capacity by taking the following measures.

<Major measures>

Item	Content	Upper: Results this summer (Lower: announced June 28)
Change of thermal power unit periodic inspection schedule and shortening process	<ul style="list-style-type: none"> Change periodic inspection schedule (divide schedule) at Shin-Nagoya Thermal Power Station, Unit No. 7-2 Change periodic inspection schedule (divide schedule) at Kawagoe Thermal Power Station, Unit No. 4-4 Change periodic inspection schedule (add and change) at Yokkaichi Thermal Power Station, Unit No. 3 Shorten periodic inspection (add and shorten) at Kawagoe Thermal Power Station, Unit No. 2 Change periodic inspection schedule, shorten process, at Shin-Nagoya Thermal Power Station, Unit No. 7-4, etc. 	Max. 1,260 MW (Max. 1,260 MW)
Resumption of operations of thermal power units in long-term planned shutdown	<ul style="list-style-type: none"> Takeotoyo Thermal Power Station, Unit No. 2 Chita Daini Thermal Power Station, Unit No. 2 gas turbine 	Max. 410 MW (Max. 375 MW)
Purchase of electric power from other businesses	<ul style="list-style-type: none"> Electric Power purchases from businesses owning large-scale power generation facilities 	30 MW (30 MW)
Change of work stoppage periods at hydroelectric power stations	<ul style="list-style-type: none"> Change work stoppage periods at Nikengoya, Kitamatado and Miho hydroelectric power stations 	Max. 30 MW (Max. 30 MW)

(2) Demand-side measures

We were able to limit demand, thanks to customers' energy conservation efforts and the following measures.

<Major measures>

Item	Content	Upper: Results this summer (Lower: announced June 28)
Request for increased power generation from private power plants, etc.	<ul style="list-style-type: none"> We asked customers such as large-scale factories to increase power generation from private power plants between the hours of 1:00 - 4:00 PM on Monday - Wednesday. 	Approx. -80 MW (Approx. -60 MW)
Expansion of supply and demand adjustment contracts (planned adjustment contracts)	<ul style="list-style-type: none"> We asked customers such as large-scale factories to increase the number of days in which they make adjustments under their planned adjustment contracts (in which they move their factory holidays, etc. from weekends to weekdays), etc. 	<Monday-Wednesday> Approx. -110 MW (Approx. -90 MW)