TOKYO ELECTRIC POWER COMPANY

でんき予報
TEPCO ELECTRICITY FORECAST

How to see “Electricity forecast”

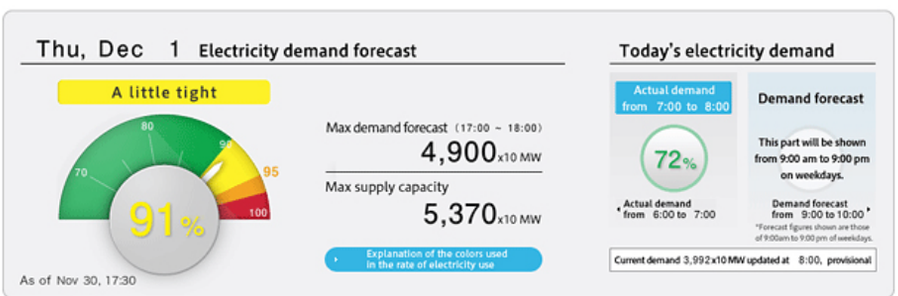
The objective of "Electricity forecast" is to provide easy-to-understand information on the status of electricity demand and our actual supply capacity.In this page, we describe the contents of "Electricity forecast".

Daily electricity demand forecast and consumption status

Graph of electricity demand

Daily electricity demand forecast and consumption status

Here we show the major points such as daily forecast, consumption actual demand in every 5 minutes (provisional), hourly forecast, and hourly actual demand.

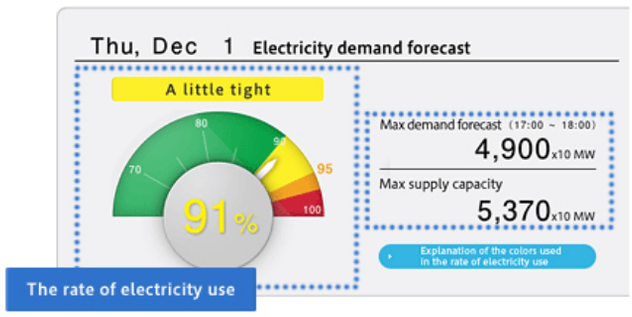


This area shows daily forecast.

This area shows hourly actual demand, forecast, and consumption status in every 5 minutes.

Daily electricity demand forecast

Here we inform you the forecast for the day and the next day.The forecast for the next day is shown after 6:00pm everyday.
We review the forecast for the day at around 8:30am on weekdays.



Explanation of the colors used in the rate of electricity use

It indicates the tightness of electricity supply and demand condition (by colors) according to the consumption rate.

Stable	Less than 90%
A little tight	90% - Less than 95%
Tight	95% or higher
Very tight	97% level

The calculation method of consumption rate

The consumption rate is calculated by dividing the total electricity consumption (total demand) by available electricity (total supply).

$$\frac{\text{Amount of Electricity used(total demand)} = \text{Max demand forecast}}{\text{Amount of Electricity possible to use(total supply capacity)} = \text{Max supply capacity}} \times 100$$

* Figures after the decimal fractions are omitted.

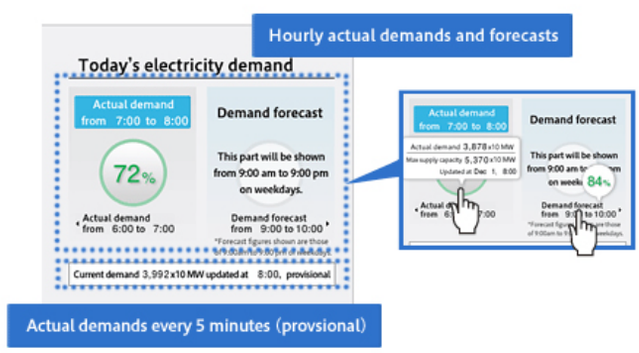
Today's electricity demand

Hourly actual demands and forecasts

Here we show hourly electricity consumption actual demands and forecasts.When you place your cursor on the consumption rate, you can check the peak supply capacity, actual demands, and forecasts.When you place your cursor on the hourly actual demands, you can check the consumption rates.
* Forecasts are the figures for every hour from 9:00am to 8:00pm on weekdays.

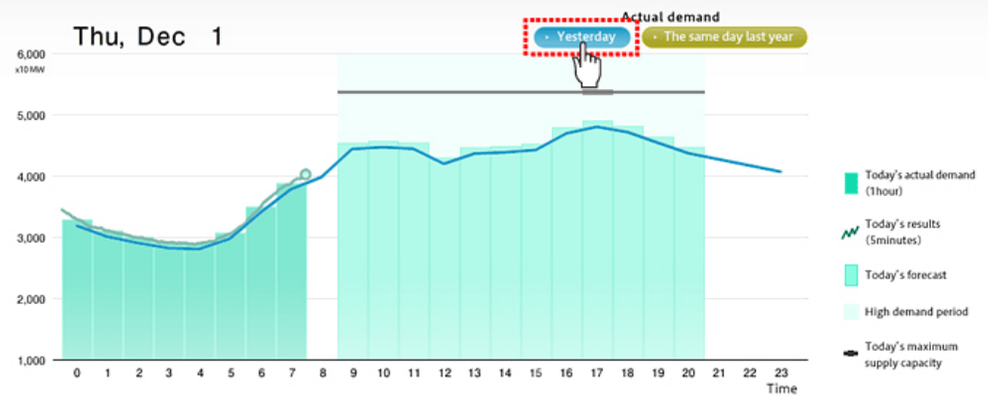
Actual demands every 5 minutes (provisional)

Electricity consumption actual demands (provisional) are updated every 5 minutes.



Graph of electricity demand

Daily consumption status is shown in a graph. You can also check the comparison to the figure from the day before or the same day in the year before.



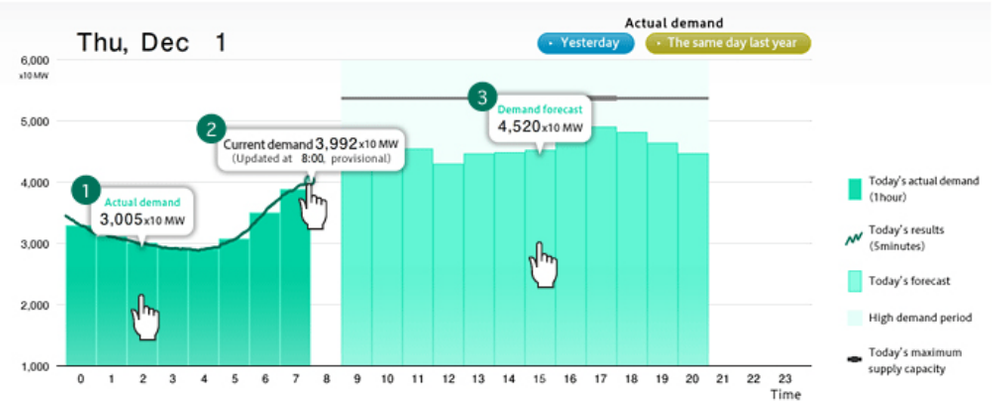
Yesterday's actual demand

When you click the button, you can see the line graph.

Actual demand of the same day last year

When you click the button, you can see the line graph.

In principle, we show the actual demand on the same day, the same week and the same month in the year before.



When you place your cursor on each graph, you can see the actual demands and forecasts.

1 Today's actual demand (1hour)

Hourly electricity consumption actual demands are shown in a graph.

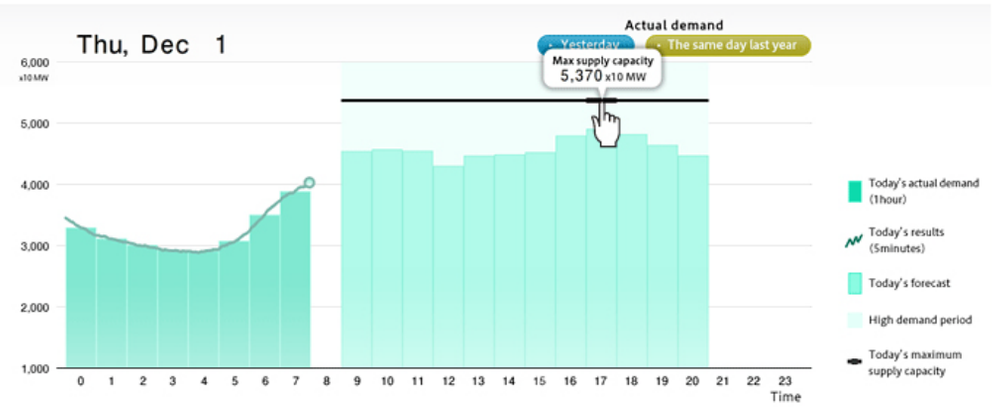
2 Today's result (5 minutes)

Electricity consumption actual demands (provisional), which are updated every 5 minutes are shown.

3 Today's forecast

The hourly maximum electricity consumption actual demands from 9:00am to 8:00pm on weekdays are updated at around 8:00am.

* The forecasts may differ from the daily maximum consumption, because they are adjusted according to the actual demands on the hour from 10:00am to 8:00pm on weekdays.



Max supply capacity

The peak supply capacity includes, electricity supply capacity, which is matched to the peak load (maximum capacity), comprised of base load capacities such as thermal and nuclear power, and pumped storage power which has a quick response generating capability when the demand and supply of electricity becomes tight. Furthermore, during urgent circumstances when electricity demand exceeds supply capacity, pumped storage power plants will be able to generate as an additional temporary source of electricity supply, but due to the limitations of continuing generation, pumped storage power has been excluded from the peak supply capacity.
* In the electricity consumption status graph, peak supply capacity is indicated in a line for the "Time zone during which electricity consumption is high (9:00am - 9:00pm)" in order to compare it to the consumption status or the forecasts.