

## **TEPCO Says Summer Power Supply Can Be Guaranteed With Average Temperatures**

**On July 30, the Tokyo Electric Power Co. (TEPCO), which had completely shut down operations at its Kashiwazaki Kariwa NPS following the Niigata-Chuetsu Offshore Earthquake of July 16, announced its revised power supply outlook for the summer. The NPS has seven units, with a combined output of 8,212MW (the world's largest), and had been expected to provide around 7,000MW of generated electricity this summer.**

Assuming that this summer will have average temperature levels, the peak power demand is predicted to be 61.1GW in August. Thanks to concerted efforts to secure a power supply, the power company's supply capacity is 62.45GW, giving it an excess capacity of 1.35GW, exceeding the expected demand by just 2.2%.

The company's August power supply has been augmented by 4.44GW, thanks to various efforts, including increased output at TEPCO's generating plants to the tune of 2.08GW, with an additional 1.66GW from other power utilities, and 0.7GW purchased from small private power generation.

As far as power demand is concerned, TEPCO has contracted with large-lot clients such as factories to restrain their electricity usage to the tune of 1.3GW, with an additional 1.1GW in reductions to come from provisional contract adjustments.

As an emergency, interim measure, TEPCO has acquired a temporary permit to use the pumped-storage Shiobara Hydroelectric Power Station (pumped-storage, 900MW) in Ibaraki Prefecture through September 7, in emergency situations only. The plant had had its water rights revoked because of a violation of the Rivers Act.

However, if predictions fail and there should be a heat wave, TEPCO thinks that 64GW of capacity may be needed. It thus says that "there may be a shortage in supply capacity," and plans to do three things to meet that eventuality: (1) discussing additional measures to be taken, (2) striving for more stable supply, and (3) calling upon the people of Japan to conserve electricity usage more.

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