Emergency safety measures and electricity supply-demand measures by Chubu Electric Power Co., Inc. in this summer

May 13, 2011

Ministry of Economy, Trade and Industry (METI)

1. Emergency safety measures

- In the light of the accident at Fukushima Dai-ichi Nuclear Power Station (NPS), Tokyo Electric Power Co., Inc. (TEPCO), on March 30 METI issued directives to each electricity utility to implement emergency safety measures in NPSs throughout Japan in order to prevent release of large amounts of radioactive materials, so that even in the event of an NPS losing all of its AC power supplies and cooling functions using seawater due to a tsunami, the reactor core can be maintained in a controlled state by cooling using water injection.

- On the basis of reports from the electric companies, METI conducted on-site inspections and observed training. As a result, we confirmed that short-term measures to be immediately taken were properly adopted, and plans to enhance mid- to long-term reliability were formulated with regard to all NPSs in Japan.

- Based on the confirmation results of these emergency safety measures, we consider that there will be no safety problem for the continued operation of NPSs currently in operation and the restart of NPSs currently suspended.

- The national government takes responsibility for the confirmed status and we will provide careful explanations through the Nuclear and Industrial Safety Agency (NISA) in order to gain the understanding of local communities.

2. Shutdown of Hamaoka Nuclear Power Station, Chubu Electric Power Co., Inc. (Chubu EPCO) and electricity supply-demand of Chubu EPCO in this summer

(1) Shutdown of Hamaoka Nuclear Power Station

- As for the Hamaoka NPS, considering an imminent risk of being hit by a large-scale
tsunami (accompanying an earthquake) and the March accident caused by tsunami, we have come to make a tough decision and judged it necessary to take the action for “extra reassurance”.

- Thus, on May 6 we requested Chubu EPCO to shut down all units at the Hamaoka NPS until the completion of mid- to long-term measures such as maintenance of tide embankments in nuclear buildings in addition to short-term measures, and received an answer on May 9 that it would comply.

(2) Forecast of electricity supply-demand of Chubu EPCO in this summer

- According to Chubu EPCO, its supply capacity in this summer will be 24.99 GW, in the case that all units of the Hamaoka NPS (units 3, 4 and 5; 3.617 GW) are shut down. On the other hand, the maximum demand will be 25.60 GW and will exceed the supply capacity. To cope with this gap, Chubu EPCO plans to increase the supply capacity to 26.15 GW and secure reserve power at the rate of 2.1%, by restarting the operation of thermal power stations that has been shut down for a long period and suspending the electricity interchange to TEPCO.

- The reserve power rate will be 0.6%, in the case that it is most conservatively evaluated that the peak is assumed to be at the same level as last summer’s, which was remarkably hot.

(Note) The peak (generating end) at the same level as last summer’s, not the average of three maximum days under supply plan, is used, as well as the cases for TEPCO and Tohoku EPCO.

(Reference 1) Supply-demand balance of Chubu EPCO (on the basis of transmission end ; already released)

<table>
<thead>
<tr>
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<th>After shutdown of all units of Hamaoka</th>
<th>After taking supply measures in this summer (average of July)</th>
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</thead>
<tbody>
<tr>
<td>Expected demand (H3)</td>
<td>25.60 GW</td>
<td>25.60 GW</td>
</tr>
<tr>
<td>Forecast of supply capacity</td>
<td>24.99 GW</td>
<td>26.15 GW</td>
</tr>
<tr>
<td>Reserve power rate</td>
<td>- 2.4%</td>
<td>2.1 %</td>
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</tbody>
</table>
(Note 1) Supply capacity measures (already released)
- Restart of thermal power stations that have been shut down for a long period: 0.35 GW
- Suspension of electricity interchange to TEPCO: 0.75 GW

(Note 2) In response to the suspension of electricity interchange to TEPCO (0.75 GW), TEPCO will deal with such a situation through additional electricity interchange from all 60 hertz areas and new installation of emergency power sources.

(Reference 2) Electricity supply-demand balance of Chubu EPCO (on the basis of generating end) when evaluated conservatively

<table>
<thead>
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<th>After shutdown of all units of Hamaoka</th>
<th>After taking supply measure in this summer (average of July)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expected demand (H1)</td>
<td>27.09 GW</td>
<td>27.09 GW</td>
</tr>
<tr>
<td>Forecast of supply capacity</td>
<td>26.15 GW</td>
<td>27.25 GW</td>
</tr>
<tr>
<td>Reserve power rate</td>
<td>-3.5%</td>
<td>0.6%</td>
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</tbody>
</table>

(Note) The peak at the same level as last summer’s is used for the expected demand.

(3) Basic concept of Chubu EPCO’s electricity supply-demand measures in this summer

- In preparation for this summer, Chubu EPCO will **aim to further increase its supply capacity** through active use of thermal power stations that have been suspended for a long period, review of timing of periodical examination on thermal power stations, electricity interchange from other electricity utilities, active use of private power generation facilities, etc.

- On the demand side, electricity supply-demand adjustment agreements will be effectively used and **electricity saving will be generally promoted to the extent it does not adversely impact economic activities**.