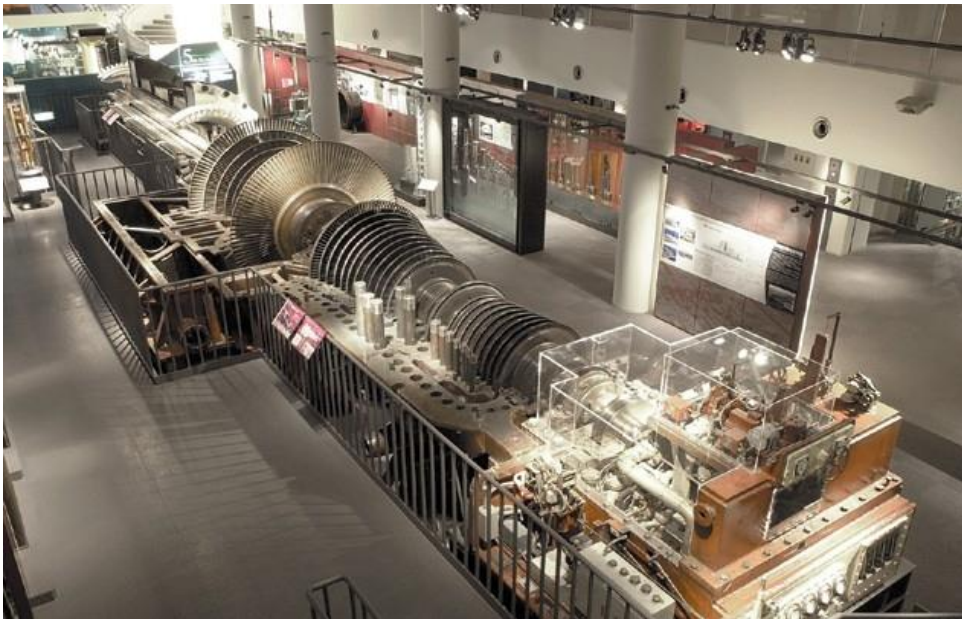


## First Postwar Turbine for Thermal Power Generation

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |            |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------|
| Registration No.          | Number 00013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |            |
| Registration Date         | October 9, 2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Registration Category | Category 2 |
| Name<br>(Model, etc.)     | Turbine Generator (Unit No.1 Used at the former Chiba Thermal Power Station)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |            |
| Location                  | Yokohama-shi, Kanagawa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |            |
|                           | Tokyo Electric Power Company Holdings, Inc. Electric Power Historical Museum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |            |
| Owner<br>(Custodian)      | Tokyo Electric Power Company Holdings, Inc. Electric Power Historical Museum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |            |
| Manufacturer<br>(Company) | General Electric Company                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |            |
| Year Manufactured         | 1956                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |            |
| Reason For Selection      | <p>This was the first turbine deployed for large-scale thermal power generation in Japan in the postwar period. Manufactured by the U.S. General Electric Company, the large-capacity advanced turbine installed at the Chiba plant delivered twice the capacity of existing turbines, and was the first turbine in Japan to break the 100 megavolt amp (MVA) barrier. After this turbine was put into service, Japan's thermal power industry adopted a host of innovative technologies supporting increased automation and efficiency. This installation thus marked the beginning of all the postwar progress Japan has made in power generation technology.</p> |                       |            |
| Registration Standard     | 1-E (Have significant educational value in the task of handing on scientific and technological skills as examples of trial and error, failure, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |            |
| Open/Closed to Public     | Closed to Public                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |            |
| Photo                     |  <p>The photograph shows a massive industrial turbine generator, likely a steam turbine, displayed in a museum setting. The turbine is a complex of metal parts, including a large circular rotor with many blades, and a generator housing. It is surrounded by a metal railing for safety. In the background, other museum exhibits and display cases are visible.</p>                                                                                                                                                                                                        |                       |            |
| Other useful information  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |            |