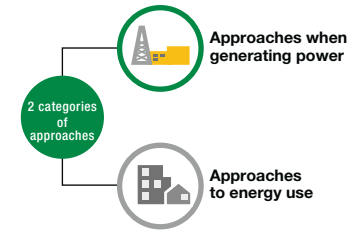




Protecting the Earth from global warming

Expand renewable energy use



TEPCO approaches

Terminology

Renewable energy

A general term for forms of energy that are obtained from constantly recurring natural phenomena and therefore will never be depleted. The main types are solar, wind power, hydropower, geothermal energy, and biomass.



Hachijojima geothermal power plant (3,300kW)

Mega solar

Solar power generation with an output of more than 1,000 kW.

We are promoting the expansion of renewable energy* use

Renewable energy is clean energy that can be produced with minimum CO₂ emission and other burdens on the environment. TEPCO will not only utilize renewable energy, but will also develop and introduce new forms of renewable energy.

Promoting hydropower generation

Hydropower generation produces renewable energy using domestically procurable water, and is an eco-friendly and stable power generation system. We are aiming to make full use of our hydropower facilities, which have a combined capacity of 8,990 MW, by renovating aging facilities, developing water turbine technologies, and otherwise increasing hydropower generation efficiency.

We are also pushing forward plans for the construction of new hydropower power plants. The Tochikawa Hydropower Station (Sakae Town, Shimominochi County, Nagano Prefecture) and the Togawa Hydropower Station (Nikko City, Tochigi Prefecture) are slated to commence operations in FY2010. The Tochikawa Hydropower Station is a conduit type power station that effectively utilizes the water resource of the Tochi River of the Shinanogawa River

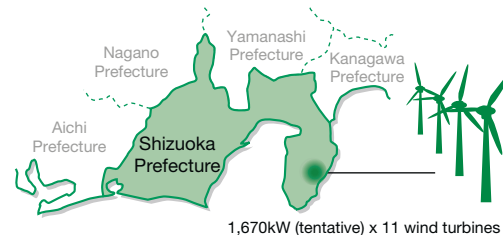
system to produce a maximum output of 1,000 kW. It has the potential to reduce approximately 2,100 t/year of CO₂.



Imaichi Dam (construction site of the Togawa Hydropower Station)

Construction of the Higashi-Izu Wind Power Plant

TEPCO is building a wind farm with an output capacity of 18,370 kW in the towns of Higashi-Izu and Kawazu in Shizuoka Prefecture. The plant is slated to commence operations in March 2012.



Mega solar* power generation project

TEPCO is planning to construct large-scale solar power plants in Kawasaki City in Kanagawa Prefecture, and in Yamanashi Prefecture. When completed, the three plants will produce a total output of 30,000 kW.

Overview of TEPCO's mega solar project

- Ohgishima Solar Power Plant (Kawasaki City, Kanagawa Prefecture)**
 - Output: 13,000 kW
 - Scheduled commencement: FY2011
- Ukishima Solar Power Plant (Kawasaki City, Kanagawa Prefecture)**
 - Output: 7,000 kW
 - Scheduled commencement: FY2011
- Komekurayama Solar Power Plant (Kofu City, Yamanashi Prefecture)**
 - Output: 10,000 kW
 - Scheduled commencement: FY2011



Rendering of the Ukishima Solar Power Plant

Approaches by TEPCO subsidiaries

Green Power Certification System

Japan Natural Energy Company Limited (JNEC)

To promote environmental activities among enterprises and local governments, the company issues "green power certificates" for use of wind power and other natural energy.

<http://www.natural-e.co.jp/english/index.html>

Global spread of wind power generation

Eurus Energy Holdings Corporation

The company is dedicated to expanded diffusion of wind power generation systems. As of March 2010, it was operating such systems in a total of 6 countries in the 3 regions of Europe, USA, and Asia. Taken together, these systems had a capacity of about 1,902 MW.

<http://www.eurus-energy.com/english/index.html>