

Formulation of Tokyo Renewable Energy Strategy

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Bureau of Environment

Tokyo Metropolitan Government (TMG) has thus far promoted the introduction of renewable energy in its facilities, etc. through the installation of wind power generation facilities in coastal areas and large-scale photovoltaic power generation systems at water purification plants, and other means.

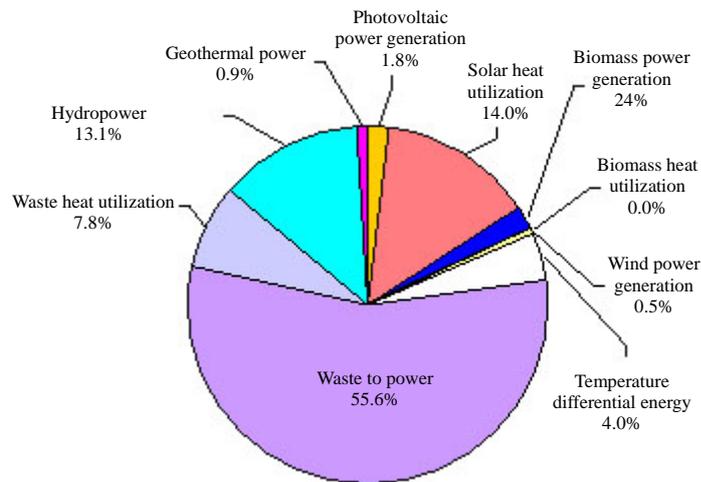
Expansion of the utilization of renewable energy constitutes a critical pillar of global warming prevention measures along with energy conservation. Its importance should also be emphasized from the viewpoint of promoting disaster prevention measures in a big city confronted with the danger of earthquake disaster and creating new business opportunities in growing industries.

TMG announces the “Tokyo Renewable Energy Strategy,” which was recently formulated to fully expand the utilization of renewable energy in Tokyo beyond the conventional scope of pilot projects.

Outline of Strategy

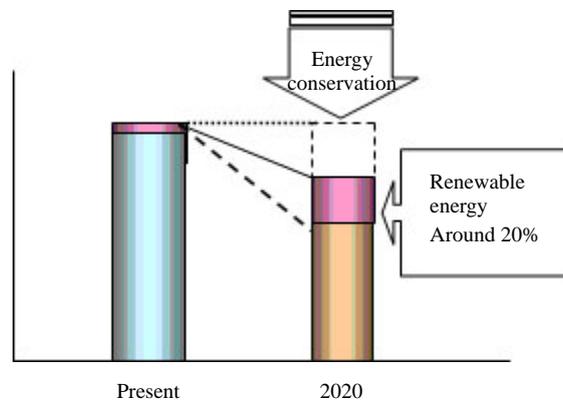
- ◆ Latest condition of renewable energy utilization in Tokyo identified
 - The amount of renewable energy used in Tokyo was equivalent to 2.7% ^{*1} of the total amount of energy consumption in Tokyo (830,000 TJ: FY2003).
 - The renewable energies produced in Tokyo (0.7%) are mainly waste to power /waste heat utilization and solar energy utilization.

*1 Includes electricity generated by hydropower by Tokyo Electric Power Company (TEPCO)



◆ Utilization target in 2020 proposed

- Avoiding the danger of climate change
- Proposal made from the viewpoint of moving forward in tandem with progressive countries and cities around the world
 - EU: 20%, Germany and Britain: 20% (electricity), State of California: 33% (electricity)
- “Seeking to increase the ratio of renewable energy to about 20 % of Tokyo’s energy consumption by 2020”
 - Built on the premise of reviewing and reducing current energy consumption
 - Aiming to spread renewable energy beyond Tokyo to other areas of the country through the acquisition of Green Power Certificate and other means



◆ Building of mechanisms aimed at enhancing utilization

- Disclosure of data on the use of renewable energy and examination of ways to provide information
- Examination of mechanisms that encourage the utilization and introduction of a certain amount of renewable energy in the formulation of energy utilization plans and large-scale development projects

◆ Projects aimed at enhancing utilization

- Setting of clear rules on green power purchasing and promotion of its dissemination
- Projects with participation of citizens and communities to be introduced, for instance, on the basis of citizens' investment or corporate co-sponsorship
- Design competition designed to promote the development and introduction of highly comfortable houses with low energy consumption, etc.
- Measures to enhance the utilization and dissemination of solar thermal systems in homes, etc.