

To achieve sustainable economic development, we implement innovative energy and environmental policies.



Promoting the implementation of energy-saving operations and the introduction of new energies

We vigorously promote measures to address global warming.

In view of the pressing need to ensure a stable energy supply and combat global warming, it is necessary to reduce emissions of carbon dioxide, which accounts for 90 percent of all greenhouse gases. We are now vigorously promoting energy saving through various activities, including energy-saving plant operation guidance to local plants that use large quantities of energy. As part of our efforts to promote the introduction of new energies, we encourage companies and plants concerned to introduce equipment powered by new energies, and provide support to local governments and organizations planning to introduce new energies.



■ Fuel-cell vehicles (Osaka Prefecture)

Fuel-cell vehicles are powered by electric motors that run on electricity generated through a chemical reaction between hydrogen and oxygen, emitting no carbon dioxide (CO₂). Fuel cell vehicles are expected to enter the market in the near future.



■ Taikoyama Wind Power Station (Kyoto Prefecture)
(One of the largest wind power stations operated by local governments in Japan)

The amount of electricity generated by wind power fluctuates significantly, depending on the wind conditions. In the Kansai region, an increasing number of wind power generating units are being installed on mountaintops and along ridges. Mountain regions along the Japan Sea are among the few locations in Japan suitable for wind power generation.



■ Gose Water Treatment Plant (Nara Prefecture)

Solar photovoltaic power generation converts the energy from the sun's rays directly into electricity. Solar photovoltaic power generation systems for public and industrial use are increasing in number. Solar power generation systems installed in the Gose Water Treatment Plant have a maximum output of 790kw, the highest level for solar power generation systems for use in public facilities.



Aiming to achieve environmental protection and economic growth at the same time

We promote the creation of environmental businesses to realize a recycling-oriented society.

Addressing various environmental problems, such as global warming and waste/recycling, provides another opportunity for economic growth. There is now a pressing need to establish a new system that achieves both environmental protection and economic growth. In order to address this pressing need, we are working to promote the development of environmental businesses, encourage management that takes the environment into account in all aspects of corporate operation, and promote 3Rs (Reduce, Reuse, Recycle) through vigorous enforcement of recycling-related laws and regulations (Home Appliances Recycling Act, etc.).

■ Awareness raising pamphlet on 3R (Reduce/Reuse/Recycle)



■ A bio ethanol production plant in Osaka Eco-Town
<Photo provided by Bio Ethanol Japan Kansai Co.>



■ A solar-powered Japanese-style ship, adopted as one of the Environmental Conscious Community Business Pilot Projects