



Promotion of Environmental Management

Kyushu Electric Power prioritizes environmental conservation in its management activities. The company and its group businesses unify their efforts to put into practice the five core policies of the Environment Action Plan*, which has been devised based on the Kyushu Electric Power Environment Charter. Due to these efforts, Kyushu Electric Power was ranked the top among 17 companies of the electric and gas industry in

the 7th Corporate Environmental Management Level Survey conducted by Nihon Keizai Shimbun, Inc. in 2003. [See P61](#)

This issue of the Environment Action Report summarizes the environmental activities implemented in accordance with the Fiscal 2003 Environment Action Plan* (formulated in March 2003) as well as their results and developments.

1 Environmental Management* Framework

1 Environmental Policy

We have established the Kyushu Electric Power Environment Charter to define the stance and direction of environmental activities to be pursued. We have also developed the Kyushu Electric Power Group* Environment Philosophy for group companies* to set forth the principles of their commitment to

environmental activities, and the Kyushu Electric Power Group* Environment Policies, which set out specific guidelines for implementing such activities. Kyushu Electric Power will actively implement environmental activities based on these policies to ensure outstanding environmental management.

Corporate Philosophy

- 1 Kyushu Electric Power shall keep energy aglow forever.
- 2 Kyushu Electric Power shall maintain close contact with the community at all times and act in pursuit of valuable social goals.
- 3 Kyushu Electric Power shall create a dynamic corporate culture by being a step ahead of the times.

Kyushu Electric Power Environment Charter

Towards an Environmentally Friendly Corporate Stance

1 The company shall, in all its corporate activities, recognize the importance of maintaining awareness of environmental conservation needs.

◎ Kyushu Electric Power fully realizes that dealing with environmental problems is a fundamental precondition for its own existence and business activities.

2 The company shall, in all its corporate activities, make concerted efforts to contribute to a sound environment.

- ◎ Strive to prevent global warming* and to conserve nature and the environment.
- ◎ Actively implement environmental conservation programs that contribute to the community's well-being.
- ◎ Reduce waste output and encourage use of waste as a resource, thus promoting a recycling-based society*.

3 The company shall, in all its corporate activities, promote the disclosure of environment-related information.

◎ Promote ease of public access to environment-related information concerning the company's business activities and provide opportunities for communicating with the members of the society.

February 15, 2001

President

* See [P40](#) for Kyushu Electric Power Group Environment Philosophy and the Kyushu Electric Power Group Environment Policies.

2 Promotional Scheme

Kyushu Electric Power has structured a company-wide scheme to promote the implementation of environmental management*.

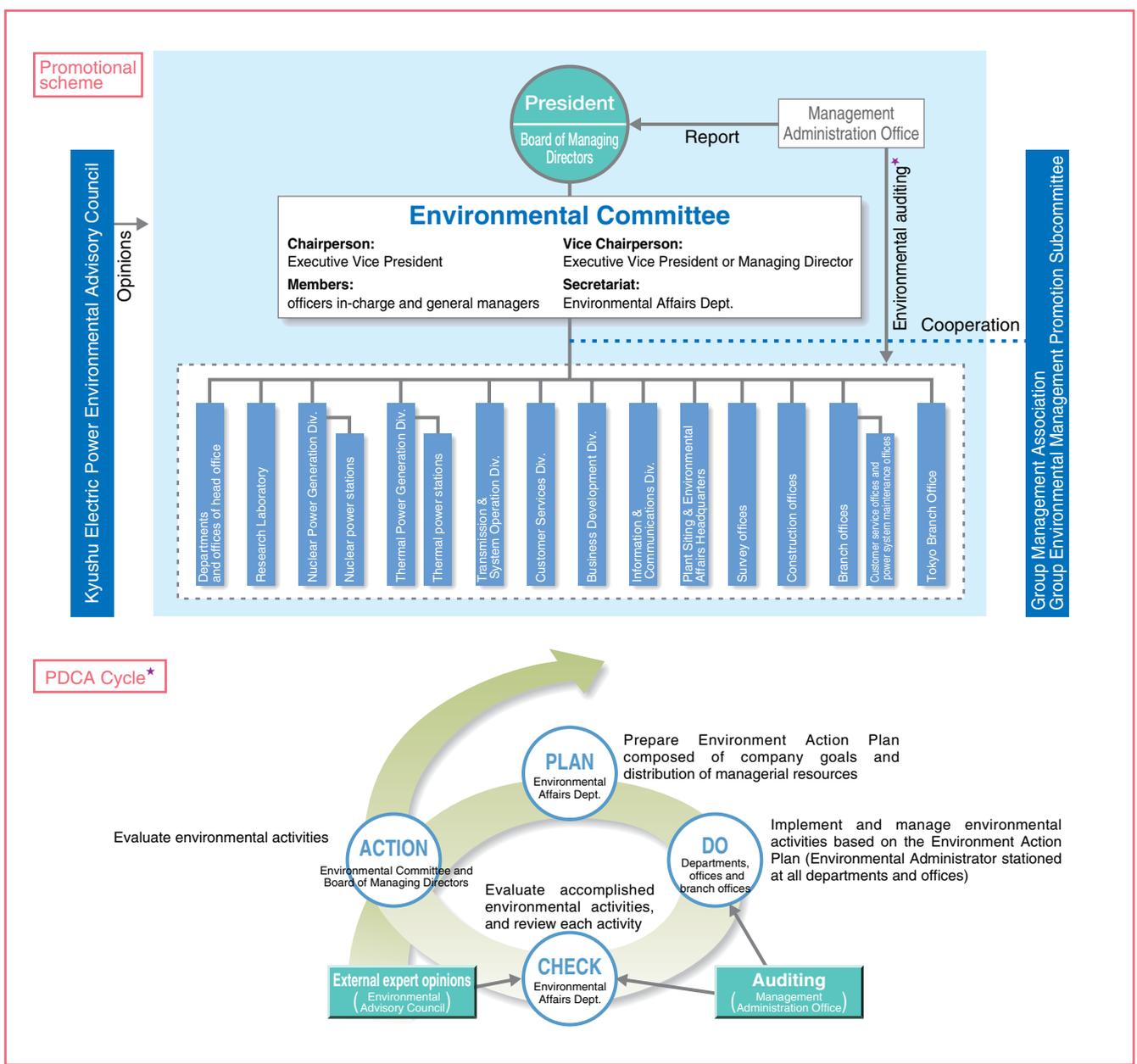
- The Environmental Committee has been established to better review the environmental activity strategies of Kyushu Electric Power as a whole. The committee's agenda is authorized by the Board of Managing Directors and will be adopted as the company's environmental management* guidelines.

The Kyushu Electric Power Environmental Advisory Council, composed of experts in various fields, has been established for external evaluation of our environmental activities. Internal evaluation is conducted by the Management Administration

Office. We will ensure that the results of both internal and external evaluations are reflected in future activities.

Further, the Group Environmental Management* Promotion Subcommittee of the Group Management Association has been set up to promote the environmental management* of the Kyushu Electric Power Group* as a whole. The Subcommittee serves to discuss and draft common objectives for all the group companies as well as action plans.

These activities are subject to evaluation by the Kyushu Electric Power Environmental Advisory Council.



Environmental Committee

Kyushu Electric Power strongly promotes environmental management* by building an environmentally conscious administrative system closely tied to company management.

- The Environmental Committee discusses and drafts environmental activity strategies and the Environment Action Plan*, for example the extent of managerial resources to be distributed to environmental management*.
- The Environmental Committee is chaired by the Executive Vice President and composed of officers-in-charge and general managers.
- Matters deliberated by the Environmental Committee are first submitted to the Board of Managing Directors, then adopted within the business plans of each division, department and branch office, and implemented company-wide in the form of specific environmental activities.

● Environmental administrators* (156 administrators as of April 2004) have been appointed in all departments and offices to support and supervise environmental



Environmental Committee (held on January 27, 2004)

Kyushu Electric Power Environmental Advisory Council

Kyushu Electric Power attaches great importance to external evaluation from experts in promoting environmental management*.

- The Kyushu Electric Power Environmental Advisory Council was established in April 2001 to evaluate externally the environmental management* efforts of Kyushu Electric Power and the Group companies*.
- The Council is composed of 11 experts in various fields and from each prefecture in Kyushu.
- The feedback for the 4th Advisory Council is listed on page 59.



Kyushu Electric Power Environmental Advisory Council (held on June 7, 2004)

Environmental Management System*

Kyushu Electric Power has implemented efficient and effective environmental management systems (EMS)* at all 145 operational sites.

- ISO 14001 certification* was acquired at six model sites selected by taking into account the significantly different functions of the company's operational establishments, such as branch offices, power stations, power system maintenance offices and customer service offices.
- An ISO-based system* was applied to nine thermal power stations before fiscal 2001.
- As for branch offices, customer service offices, power system maintenance offices and nuclear power stations, the implementation of an ISO-based system*, which was formulated based on the system adopted by the model sites, was completed at 124 sites during fiscal 2002 and 2003.
- As for the Head Office, an ISO-based system* was established by the Environmental Affairs Dept. in April 2003 and was implemented at six sites in fiscal 2003, including the departments and offices of the Head Office, the Education & Training Center and the Research Laboratory.



Audit of ISO certification renewal at Hitoyoshi Power System Maintenance Office

Status of ISO certification at selected model sites

Sites	Certificate acquisition	Operational status in FY2003	
		Regular audit	Renewal audit
Matsuura Thermal Power Station	Jul. 1997		○
Sendai Nuclear Power Station	Mar. 1999	○	
Hitoyoshi Power System Maintenance Office	Mar. 2001		○
Omarugawa Hydro Power Station Construction Office	Aug. 2001	○	
Saga Customer Service Office	Jun. 2002	○	
Nagasaki Branch Office	Jul. 2002	○	

VOICE ①

Successful completion of EMS implementation



Environmental Activities Support Group, Environmental Affairs Dept.

Masafumi Nakamura

Kyushu Electric Power has adopted the EMS at all of its operational establishments by fiscal 2003. On implementing the EMS at the Head Office, which started in December 2003, we were faced with many difficulties partly due to the size of the office having about 1,800 staff members. Now that the system has been fully implemented company-wide, it is vital to raise the awareness of each staff member as well as pursue more efficient and effective business management. I believe that ongoing reviews of the EMS will improve Kyushu Electric Power's environmental activities to which I would like to contribute by own effort.

Conformity to Environmental Regulations

Kyushu Electric Power focuses on “compliance^{*} management” to engage in fair business activities based on its corporate ethics as well as conformity with ordinances. In addition, the company strictly abides by environmental laws and ordinances and agreements on environmental conservation^{*} with related local governments.

- Guidelines for environmental activities^{*} and environmental regulations^{*} have been established.
- The company has committed no breaches of environmental laws, and no accidents/failures have occurred in the last five years. Currently, no legal actions regarding environmental issues have been filed against Kyushu Electric Power.

Handling inquiries and complaints

Kyushu Electric Power properly deals with inquiries and complaints from outside the company.

- In fiscal 2003, a total of 56 environment-related inquiries were received at the Customers’ Q&A on our company website, including enquiries concerning the contents of the Environment Action Report and requests for copies.
- The Rainbow System has been established to receive, record, share and promptly react to external opinions and requests received during day-to-day operations. In fiscal 2003, responses to 45 opinions and inquiries (e.g. regarding the Green Electric Power System and forestation project) were registered on the system. There was a record of one complaint

3 FY2004 Environment Action Plan^{*}

Concept of Environmental Management^{*}

Building a sustainable society^{*} through cooperation with the local community is the fundamental aspect of environmental management^{*}. Accordingly, Kyushu Electric Power pursues environmental activities that satisfy society’s needs, as well as active disclosure of information.

Four Focal Points for FY2004 Environment Action Plan Establishment

- 1 Promote solid establishment of environmental activities through the unified efforts of Kyushu Electric Power Group companies
- 2 Steadily take on measures that contribute to CO₂ emissions reduction
- 3 Promote both recycling and cost reduction through efficient and effective business activities
- 4 Implement Environment PR activities that anticipate customers needs

received about an affiliate company employee who was littering with a cigarette butt, an incident that provided the company with the opportunity to enhance the staff awareness on compliance^{*} through conducting employee education at both Kyushu Electric and its group companies.

Emergency measures

Damage to the Kyushu Electric’s facilities resulting from accidents and natural disasters can affect the surrounding environment. In preparation for such emergencies, we have installed and upgraded facilities for disaster prevention, implementing adequate education and training for our staff, and preparing manuals that help responsible staff to better deal with their duties.

- Power stations are under agreement to remain in close contact with their local governments.
- Both the Genkai and Sendai Nuclear Power Stations have a nuclear power training center on their premises. At both training centers, simulating equipment enables trainees to learn from a wide variety of potential dangers by replicating crises that have actually occurred, even outside Japan.
- Each year, the company participates in nuclear power disaster drills held by the local governments of Kagoshima and Saga Prefectures based on the local Disaster Preparedness Plan.



Nuclear power disaster drill at Saga Pref. Offsite Center

Establishment of FY2004 Environment Action Plan^{*}

The FY2004 Environment Action Plan was established in March 2004 based on the concept of environmental management^{*} and the external and internal evaluations on the activities carried out under the FY 2003 Environment Action Plan^{*}. The FY2004 Action Plan^{*} focuses on the following four points.

FY2004 Five Core Environmental Action Policies

Promoting environmental management

- Environmental management framework establishment
- Environmental efficiency improvement

Measures for global environmental issues

- Greenhouse gas reduction
- Promotion of renewable energy sources
- Measures for energy conservation
- Ozone layer protection

Establishing a recycling-oriented society

- Challenges towards zero emissions
- Promotion of green procurement

Maintaining harmony with the local environment

- Environmental preservation for power plants and substations
- Harmony with the surrounding environment
- Promotion of environmental and recycling activities

Working with society

- Communication
- Community activities
- International cooperation
- Employee awareness enhancement